WOOD
PARTNERS

23 December 2015
Project 731641603

Mr. Mark Detterman, PG, CEG
Senior Hazardous Materials Specialist
Alameda County Health Care Services Agency
Environmental Health Department
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Subject: Environmental Site Characterization
2342 Valdez Street
Oakland, California
Alameda County SCP Case No. RO0003149
Langan Project: 731641603

Dear Mr. Detterman:

As a legally authorized representative of CRP/WP Alta Waverly Owner, LLC, and on behalf of CRP/WP Alta Waverly Owner, LLC, I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document titled *Environmental Site Characterization, 2342 Valdez Street, Oakland, CA, dated 9 January 2015* Alameda County SCP Case No. RO0003149, are true and correct to the best of my knowledge.

Sincerely yours,

Brian Pianca
Wood Partners

Wood Partners is a Group of Limited Liability Companies
20 Sunnyside Avenue, Suite B, Mill Valley, California 94941
(415) 888-8075

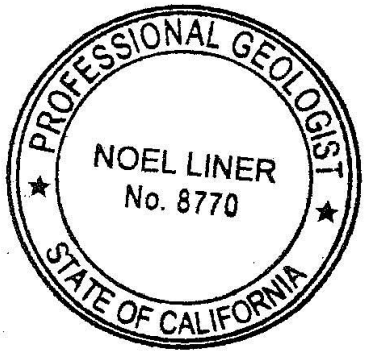
ENVIRONMENTAL SITE CHARACTERIZATION
2342 Valdez Street
Oakland, California

Prepared For:

Wood Partners
Mill Valley, California

Prepared By:

Langan Treadwell Rollo
555 Montgomery Street, Suite 1300
San Francisco, California 94111



Noel Liner
Project Geologist

Peter J. Cusack
Senior Associate/VP

9 January 2015
731641603

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Mr. Brian Pianca
Wood Partners
20 Sunnyside Avenue, Suite B
Mill Valley, CA 94941

Subject: Environmental Site Characterization
2342 Valdez Street
Oakland, California
Langan Project No.: 731641603

Dear Mr. Pianca:

Langan Treadwell Rollo is pleased to submit this Environmental Site Characterization (ESC), for the properties located at 2342 Valdez Street in Oakland, California.

In performing this ESC, we have endeavored to observe that degree of care and skill generally exercised by other consultants undertaking similar studies at the same time, under similar circumstances and conditions, and in the same geographical area.

We appreciate the opportunity to assist you with this project. If you have any questions or need any information clarified, please call Mr. Peter J. Cusack at (415) 955-5200.

Sincerely yours,
Langan Treadwell Rollo

Noel Liner
Project Geologist

Peter J. Cusack
Senior Associate/VP

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ENVIRONMENTAL SITE CHARACTERIZATION
2342 Valdez Street
Oakland, California

1.0 INTRODUCTION

This Environmental Site Characterization (ESC) was prepared for the proposed project at 2342 Valdez Street (Site) in Oakland, California (Figure 1). This ESC was performed on behalf of Wood Partners (Client) of Mill Valley, California. The Site is bound by commercial and residential properties to the north and east, a parking lot to the south, and Valdez Street to the west. The Site has a lot area of approximately 8,750 square feet (0.2 acres) and is currently occupied by a one-story building and an at-grade parking lot (Figure 2).

2.0 PROJECT DESCRIPTION

We understand that the proposed project includes constructing a five-story wood frame building over a two-story concrete podium, the lower level of which is partially below grade. Our understanding of the project and Site conditions is based on discussions with you, previous environmental and geotechnical investigations by Langan Treadwell Rollo (Langan), and previous environmental reports; including our recently completed Phase I Environmental Site Assessment (ESA), dated 13 November 2014.

3.0 BACKGROUND AND PREVIOUS INVESTIGATIONS

Based on our recent Phase I ESA, the Site was historically occupied by various residential structures as early as 1889. According to historical sources, the current Site building was constructed in the 1940's. The Site building has been occupied by various electrical and automotive repair companies from the years 1943 to 1991. The Site building has been occupied by an automotive detailing business, Ho's Automotive Detail, from 1992 to present.

Data from nearby investigations indicates that the upper soils are underlain by heterogeneous soils that include mixtures of sand, silt, and clay. Regional geologic maps (Graymen, 2000) indicated the Site is underlain by the Temescal Formation. The Temescal Formation consists of interbedded alluvial fan deposits comprised of generally stiff to very stiff clay with sand lenses.

Recently, Langan completed a Phase I ESA at the Site for the Client. The results are summarized below and presented in our *Phase I Environmental Site Assessment, 2342 Valdez Street, Oakland, California*, dated 13 November 2014:

The Site was not identified on any of the environmental regulatory agency lists and records searched by both Langan and EDR.

Several neighboring properties were identified on environmental regulatory agency lists and records that identify potential sources of activities involving hazardous substances or petroleum products that might affect the soil and groundwater quality at the Site. The documented nearby off-Site sources of chemical constituents that could affect environmental conditions at the Site is judged to be unlikely. The chief transport mechanism for the migration of off-Site chemical impacts to the Site environment would likely be groundwater flow. There is no readily available evidence that these facilities have affected the environmental conditions of the Site due to gradient, location, and distance from the Site.

Our assessment revealed no evidence of recognized environmental conditions (RECs) in connection with the Site. The assessment did reveal evidence of one business environmental risk (BER) associated with the Site:

- Our assessment of the Site's land-use history revealed that the Site has been occupied by commercial businesses associated with electrical and automotive repair from as early as 1943 to 1991 and automotive detailing from 1992 to present. Due to both the nature and duration of these types of businesses occupying the Site, there is a potential risk that undocumented release(s) of hazardous substances or petroleum products may have occurred on Site.

Due to the findings of the Phase I ESA and the above identified BER, if excavation or a change in land use is proposed, we recommended that a subsurface investigation be completed in order to evaluate the current subsurface Site conditions.

4.0 SCOPE AND PURPOSE OF SITE CHARACTERIZATION WORK

The purpose of our ESC was to investigate Site subsurface conditions as they relate to the proposed development and provide associated recommendations.

Our scope of work included collecting shallow environmental soil samples and grab groundwater samples from three borings and one cone penetrating test (CPT) advanced during the geotechnical investigation. The collection and analysis of soil and groundwater throughout the Site will assist in the characterization for the proposed redevelopment project for the Site, which includes residential housing. All sampling locations are shown on Figure 2.

5.0 FIELD INVESTIGATION

Geotechnical drilling and sampling of soil and groundwater were conducted on 6 December 2014. Prior to drilling and sampling activities, underground utilities were located and sampling locations were cleared by a private utility locator (Precision Locating, LLC) and Underground Services Alert (USA) was notified.

Soil Sampling

The three (3) exterior exploratory borings (B-5 through B-7) were advanced using a truck-mounted drill rig equipped with hollow stem augers. The one (1) interior CPT (CPT-7) was advanced using a limited access direct push rig. The sampling locations, as shown on Figure 2, were drilled under the direction of a Langan field engineer who observed the drilling, logged the materials encountered, and collected samples at frequent intervals for laboratory testing.

Based on the depth of the proposed excavation and in an effort to adequately characterize the soil to be off-hauled during construction, soil samples were collected at the following approximate depths: 1.5, 3.0, 5.0, and 8.0 feet bgs.

Soil sample ends were covered with Teflon sheets, capped at each end, labeled, and placed in a cooler, and submitted under chain-of-custody protocol to McCampbell Analytical (McCampbell), a California state certified environmental laboratory.

Boring logs from the geotechnical investigation's three exterior borings are presented in Appendix A as Figures A-1 through A-3. The material encountered was classified according to the soil classification system described on Figure A-4.

Grab Groundwater Sampling

Grab groundwater samples were collected from the two (2) exterior exploratory borings, B-5 and B-7, with a clean disposable bailer, decanted into laboratory supplied containers, and stored in an ice-chilled cooler pending laboratory analysis. Groundwater sampling was attempted at boring B-6, via hydro punching with a direct push rig to approximately 18 feet bgs and inserting a temporary 1-inch PVC screen. However, after more than an hour, enough water had not accumulated to collect a representative sample. Upon reaching maximum depth at the one (1) interior CPT (refusal at approximately 15 feet bgs), a temporary 1-inch PVC screen was inserted. A grab groundwater sample was collected with a clean disposable bailer, decanted

into laboratory supplied containers, and stored in an ice-chilled cooler pending laboratory analysis.

6.0 SUBSURFACE CONDITIONS

The results of our field investigation indicate the site is blanketed by approximately two to five feet of fill, which is comprised of silt, sand, and clay mixtures. The fill is generally underlain by interlayered medium dense to very dense silty and clayey sand and medium stiff to hard silt and clay with varying amounts of sand and gravel. Gravel was encountered intermittently.

Groundwater was encountered in each of the Site's borings at various depths ranging from 13.5 feet to 16 feet bgs. It is Langan's opinion that the groundwater levels measured at the time of our investigation may not be representative of actual groundwater elevations.

7.0 SAMPLE SELECTION AND ANALYTICAL TESTING

The objective of the soil and groundwater sampling was to assess the presence of hazardous materials and petroleum hydrocarbons beneath the Site that may be disturbed during the proposed construction activities.

The soil samples were submitted to McCampbell for some or all of the analyses as listed below:

- Total petroleum hydrocarbons (TPH) as gasoline (TPHg), diesel (TPHd), and motor oil (TPHmo) by Modified EPA Method 8015B;
- Volatile organic compounds (VOCs) by EPA Method 8260B;
- Semi-volatile organic compounds (SVOCs) by EPA Method 8270 SIM;
- Pesticides by EPA Method 8081;
- Polychlorinated biphenyls (PCBs) by EPA Method 8082;
- California administrative manual (CAM) 17 metals by EPA Method 6020; and
- Leaking underground fuel tank (LUFT) five metals by EPA Method 6020.

Soil samples initially analyzed for total lead and chromium were compared to the total threshold limit concentration (TTLC). Samples with concentrations of total lead or chromium greater than 50 mg/kg, were analyzed for soluble lead or soluble chromium using the soluble threshold limit concentration (STLC) by California waste extraction test (WET) method and Federal toxicity

characteristic leaching potential (TCLP) analyses. These soluble lead and chromium analyses were run to assess if lead concentrations in soil were at State and/or Federal hazardous waste levels.

The groundwater samples were submitted to McCampbell Analytical for some or all of the analyses as listed below:

- TPHg, TPHd, and TPHmo by Modified EPA Method 8015B;
- VOCs by EPA Method 8260B;
- SVOCs by EPA Method 8270;
- PCBs by EPA Method 8082;
- CAM 17 metals by EPA Method 6020; and
- LUFT 5 metals by EPA Method 6020.

8.0 LABORATORY TEST RESULTS AND EVALUATION

The laboratory analytical results are summarized in Tables 1 through 4. Copies of the laboratory analytical reports are presented in Appendix B. The analytical results are discussed in the following section.

8.1 Soil Results

Soil analytical results for parameters other than metals are summarized in Table 1. TPHd was detected at or above the method reporting limit (1.0 milligram per kilogram (mg/kg)) in 5 of the 12 samples analyzed at concentrations ranging from 2.4 mg/kg to 81 mg/kg. TPHmo was detected at or above the method reporting limit (5.0 mg/kg) in 6 of the 12 samples analyzed at concentrations ranging from 5.4 mg/kg to 140 mg/kg. One sample (CPT-7-3.0) detected TPHmo at a concentration of 140 mg/kg, which exceeds the residential land use environmental screening level (ESL) of 100 mg/kg but does not exceed the direct exposure ESL of 10,000 mg/kg. With the exception of sample CPT-7-3.0, which detected a trace concentration of naphthalene (0.038 mg/kg), no additional VOCs were detected at or above the method reporting limits in the samples analyzed. CPT-7 samples detected low concentrations of the SVOCs pyrene, fluoranthene, and phenanthrene, all of which were below established screening levels. No additional SVOCs were detected in any of the samples from the three boring

locations. No TPHg, OCPs, or PCBs were detected at or above method reporting limits in the samples analyzed.

The metal analytical results are summarized in Table 2. Total lead was detected at or above the method reporting limits in all 12 samples analyzed at concentrations ranging from 4.8 mg/kg to 2,600 mg/kg. Total lead was detected at concentrations above 50 mg/kg but below 1,000 mg/kg in one soil sample (CPT-7-8.0). This sample was subsequently run for STLC and TCLP lead analyses to determine soluble lead levels. Total lead was detected in excess of 1,000 mg/kg (TTLC) in one sample (B-6-2.0), which detected a total concentration of 2,600 mg/kg. This sample was subsequently run for TCLP lead analysis to determine the soluble lead level.

STLC lead was detected at or above the method reporting limit (0.20 milligrams per liter (mg/L)) in sample CPT-7-8.0 at a concentration of 4.1 mg/L. This sample does not exceed the State of California hazardous waste criteria of 5 mg/L.

TCLP lead was detected at or above the method reporting limit (0.20 mg/L) in sample B-6-2.0 at a concentration of 15 mg/L. This sample exceeds both the State of California hazardous waste criteria of 1,000 mg/kg and 5 mg/L and the Federal hazardous waste criteria of 5 mg/L.

Total chromium was detected at or above the method reporting limits in all 12 samples analyzed at concentrations ranging from 25 mg/kg to 150 mg/kg. Chromium was detected at concentrations above 50 mg/kg in seven soil samples. These samples were subsequently run for STLC chromium to determine soluble chromium levels.

STLC chromium was detected at or above the method reporting limit (0.050 mg/L) in three of the seven samples at concentrations ranging from 0.075 mg/L to 5.6 mg/L. One of the three soil samples (B-6-2.0) exceeded the State of California hazardous waste criteria of 5 mg/L, with a soluble chromium concentration detected at 5.6 mg/kg.

The remaining metal concentrations were within normal[1] background ranges found in the western United States and San Francisco Bay Area.

[1] Environmental Resources Management. *Feasibility Study, Hookston Station, Pleasant Hill, California*. Appendix A, Table A-2, "Comparison of Background Concentrations of Metals in Bay Area Soils," July 2006.

8.2 Grab Groundwater Results

Grab Groundwater analytical results for parameters other than metals are summarized in Table 3. TPHd was detected at or above the method reporting limit (50 micrograms per liter (µg/L) in all three samples analyzed at concentrations ranging from 63 µg/L to 610 µg/L. TPHmo was detected at or above the method reporting limit (250 µg/L) in two of the three samples analyzed at concentrations of 250 µg/L and 670 µg/L. Sample B-7-GW detected TPHmo at a concentration of 670 µg/L, which exceeds 640 µg/L; the San Francisco Bay Regional Water Quality Control Board's (RWQCB) ESL for groundwater. Groundwater samples from locations B-7 and CPT-7 detected low concentrations of the VOCs chloroform and toluene, which were below established screening levels. No TPHg, PCBs, or SVOCs were detected at or above method reporting limits in the three samples analyzed.

Grab Groundwater analytical results for metals are summarized in Table 4. The metal concentrations were within the background ranges found in the western United States and San Francisco Bay Area.

9.0 CONCLUSIONS AND RECOMMENDATIONS

The 2342 Valdez Street property (Site) is located in a fully developed area of Oakland generally dominated by commercial and residential properties in the immediate vicinity and surrounding area. The Site has a lot area of approximately 8,750 square feet (0.2 acres) and is currently occupied by a one-story building and an at-grade parking lot.

We understand the proposed project includes constructing a five-story wood frame building over a two-story concrete podium, the lower level of which is partially below grade. We also understand that ventilated parking will be below all residential units.

In November 2014, Langan completed a Phase I ESA at the Site for the Client. The results are summarized below and presented in our *Phase I Environmental Site Assessment, 2342 Valdez Street, Oakland, California*, dated 13 November 2014:

Our assessment revealed no evidence of recognized environmental conditions (RECs) in connection with the Site. The assessment did reveal evidence of one BER associated with the Site:

- Our assessment of the Site's land-use history revealed that the Site has been occupied by commercial businesses associated with electrical and automotive repair from as early

as 1943 to 1991 and automotive detailing from 1992 to present. Due to both the nature and duration of these types of businesses occupying the Site, there is a potential risk that undocumented release(s) of hazardous substances or petroleum products may have occurred on Site.

The results of our ESC and other available subsurface information at the Site indicate the Site is generally underlain by approximately two to five feet of fill, which is comprised of silt, sand, and clay mixtures. The fill is generally underlain by interlayered medium dense to very dense silty and clayey sand and medium stiff to hard silt and clay with varying amounts of sand and gravel. Gravel was encountered intermittently.

The area of fill material containing soluble chromium and lead concentrations exceeding the State of California and Federal waste criteria are located near boring B-6, at a depth of 2.0 feet bgs (Figure 2). Considering that the Site's projected excavation depth will be approximately ten feet bgs, this shallow material will be excavated and disposed off-Site and therefore is not representative of the material to be left on Site.

The shallow fill material near the sampling location B-6 that exceeded the State of California and Federal hazardous waste criteria will be disposed as Class I RCRA hazardous waste. The remaining fill material to be excavated would likely be disposed of as Class II non-hazardous waste. The native material to be excavated would likely be disposed of as unrestricted waste.

Groundwater was encountered on-Site at various depths ranging from 13.5 feet to 16 feet bgs. It is Langan's opinion that the groundwater levels measured at the time of our investigation may not be representative of actual groundwater elevations.

Groundwater analytical results indicated low concentrations of TPHd and TPHmo and trace concentrations of VOCs. Sample B-7-GW detected TPHmo at a concentration of 670 µg/L, which exceeds the RWQCB ESL of 640 µg/L. However, the grab groundwater samples were collected from open bore holes during the geotechnical subsurface investigation, and may not be representative of current groundwater conditions at the Site.

Because hazardous materials were detected at the Site, a soil management plan (SMP) and a health and safety plan (HASP) will be required prior to construction. The SMP will provide recommended measures to mitigate the long-term environmental or health and safety risks caused by the presence of hazardous materials in the soil. The SMP will also contain contingency plans to be implemented during soil excavation if unanticipated hazardous

materials are encountered. The HASP will outline proper soil handling procedures and health and safety requirements to minimize worker and public exposure to hazardous materials during construction.

10.0 LIMITATIONS

Descriptions of specific field activities and historical events are based on our observations and on information provided by others. The opinions and information presented in this report apply to Site conditions and the information that was available at the time the work was performed and do not apply to changes of which we are not aware or have not had the opportunity to evaluate. Langan Treadwell Rollo makes no guarantees or warranties with respect to the accuracy or completeness of this information.

REFERENCES

Langan Treadwell Rollo, Inc., *Phase I Environmental Site Assessment, 2342 Valdez Street, Oakland, California*. Dated 13 November 2014

TABLES

Table 1
Non-Metals Analytical Results in Soil
2342 Valdez Street
Oakland, California

Sample ID	Depth (feet)	Date Sampled	TPHg	TPHd	TPHmo	VOCs	SVOCs	OCPs	PCBs
			(mg/kg)						
B-5-2.0	2.0	12/6/2014	< 1.0	< 1.0	< 5.0	ND	ND	ND	< 0.050
B-5-5.5	5.5	12/6/2014	< 1.0	< 1.0	< 5.0	ND	--	--	--
B-5-8.5	8.5	12/6/2014	< 1.0	< 1.0	< 5.0	--	--	--	--
B-6-2.0	2.0	12/6/2014	< 1.0	7.4	27	--	ND	ND	--
B-6-3.5	3.5	12/6/2014	< 1.0	2.8	6.0	ND	ND	--	< 0.050
B-6-5.5	5.5	12/6/2014	< 1.0	< 1.0	< 5.0	--	ND	--	--
B-7-2.0	2.0	12/6/2014	< 1.0	< 1.0	5.4	--	--	ND	--
B-7-5.5	5.5	12/6/2014	< 1.0	< 1.0	< 5.0	ND	ND	--	< 0.050
B-7-8.5	8.5	12/6/2014	< 1.0	< 1.0	< 5.0	ND	--	--	--
CPT-7-1.5	1.5	12/6/2014	< 1.0	2.4	14	ND	ND[2]	ND	< 0.050
CPT-7-3.0	3.0	12/6/2014	< 1.0	81	**140**	ND[1]	ND[3]	ND	--
CPT-7-8.0	8.0	12/6/2014	< 1.0	3.5	11	ND	ND[4]	--	< 0.050
ESL-Residential Land Use			100	100	100	--	--	--	--
ESL-Direct Exposure			770	240	10,000	--	--	--	--

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

VOCs - Volatile Organics, EPA Method SW8260B

SVOCs - Semi-Volatile Organics, EPA Method SW8270C

OCPs - Organochlorine Pesticides

PCBs - Polychlorinated Biphenyls, EPA Method 8081

< 1.0 - Analyte was not detected above the laboratory reporting limit (1.0 mg/kg)

ND - Not detected at or above the laboratory reporting limit

[1] - Naphthalene was detected at a concentration of 0.029 mg/kg.

[2] - Pyrene was detected at a concentration of 0.26 mg/kg.

[3]- Floranthene was detected at a concentration of 6.2 mg/kg; Phenanthrene was detected at a concentration of 8.1 mg/kg; and Pyrene was detected at a concentration of 5.6 mg/kg.

[4]- Floranthene was detected at a concentration of 0.26 mg/kg, and Pyrene was detected at a concentration of 0.30 mg/kg.

-- - Not Applicable / Not analyzed

ESL Residential Land Use - RWQCB Environmental Shallow Soil Screening Level for Residential Land Use where groundwater is a current or potential drinking water source (Table A-1) December 2013

ESL Direct Exposure - RWQCB Environmental Soil Screening Level for Direct Exposure in a Residential Exposure Scenario (Table K-1) December 2013

Table 2
Metal Analytical Results in Soil
2342 Valdez Street
Oakland, California

Sample ID	Depth (feet)	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Chromium STLC	Cobalt	Copper	Lead	Lead STLC	Lead TCLP	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
			(mg/kg)																			
B-5-2.0	2.0	12/6/2014	< 0.50	2.4	160	0.63	< 0.25	53	< 0.050	11	12	4.8	--	--	0.066	< 0.50	100	< 0.50	< 0.50	< 0.50	29	27
B-5-5.5	5.5	12/6/2014	--	--	--	--	< 0.25	51	< 0.050	--	--	8.4	--	--	--	--	72	--	--	--	--	46
B-5-8.5	8.5	12/6/2014	--	--	--	--	0.39	48	--	--	--	5.3	--	--	--	--	84	--	--	--	--	36
B-6-2.0	2.0	12/6/2014	--	--	--	--	< 0.25	150	**5.6**	--	--	**2,600**	--	**15**	--	--	82	--	--	--	--	180
B-6-3.5	3.5	12/6/2014	0.64	4.9	550	0.64	< 0.25	42	--	8.8	27	36	--	--	0.093	0.93	46	< 0.50	< 0.50	< 0.50	52	49
B-6-5.5	5.5	12/6/2014	--	--	--	--	< 0.25	29	--	--	--	17	--	--	--	--	29	--	--	--	--	330
B-7-2.0	2.0	12/6/2014	< 0.50	3.4	110	0.57	< 0.25	56	0.075	3.4	15	7.0	--	--	< 0.050	0.52	44	< 0.50	< 0.50	< 0.50	39	36
B-7-5.5	5.5	12/6/2014	--	--	--	--	< 0.25	53	< 0.050	--	--	7.4	--	--	--	--	110	--	--	--	--	40
B-7-8.5	8.5	12/6/2014	< 0.50	2.9	200	0.55	< 0.25	62	< 0.050	7.4	20	5.5	--	--	< 0.050	< 0.50	68	< 0.50	< 0.50	< 0.50	39	46
CPT-7-1.5	1.5	12/6/2014	--	--	--	--	< 0.25	39	--	--	--	14	--	--	--	--	44	--	--	--	--	36
CPT-7-3.0	3.0	12/6/2014	< 0.50	3.0	89	< 0.50	< 0.25	25	--	4.8	13	53	--	--	0.052	< 0.50	23	< 0.50	< 0.50	< 0.50	25	48
CPT-7-8.0	8.0	12/6/2014	0.58	5.4	150	0.64	0.31	53	0.11	14	23	130	4.1	< 0.20	0.11	< 0.50	60	< 0.50	< 0.50	< 0.50	47	90
Background [Metal] in Bay Area Soils*			1.5-7.1	1.2-31	41-411	0.29-1.1	0.27-3.3	10-142	--	6.5-25.5	5.4-100	4.8-65	--	--	0.07-0.6	0.33-11.4	16-144	< 0.25-7	0.2-2.2	< 0.25-42.5	22-90	33-282
Hazardous Waste Criteria																						
TTLC	(mg/kg)		500	500	10,000	75	100	2,500	--	8,000	2,500	1,000	--	--	20	3,500	2,000	100	500	700	2,400	5,000
STLC	(mg/L)		15	5	100	0.75	1	--	5	80	25	--	5	--	0.2	350	20	1	5	7	24	250
TCLP	(mg/L)		--	5	100	--	1	--	--	--	--	--	--	5	0.2	--	--	1	5	--	--	--

Notes:
mg/kg - milligrams per kilograms
mg/L - milligrams per liter
< 0.5 - Analyte was not detected above the laboratory reporting limit (0.5 mg/kg).
-- Not analyzed
*Background concentration ranges of metals in Bay Area soils, Appendix A, Table A-2 from Environmental Resources Management. Feasibility Study, Hookston Station, Pleasant Hill, California. July 2006
TTLC - California Total Threshold Limit Concentration - State hazardous waste criterion
STLC - California Soluble Threshold Limit Concentration
TCLP - Federal Toxicity Characteristic Leaching Procedure
Bold - Exceeds Hazardous Waste Criteria

Table 3
Non-Matals Analytical Results in Grab Groundwater
2342 Valdez Street
Oakland, California

Sample ID	Date Sampled	TPHg	TPHd	TPHmo	PCBs	VOCs	SVOCs
		(µg/L)					
B-5-GW	12/06/14	< 50	190	250	< 0.50	ND	ND
B-7-GW	12/06/14	< 50	610	**670**	< 0.50	ND[1]	ND
CPT-7-GW	12/06/14	< 50	63	< 250	< 0.50	ND[2]	ND
ESL		500	640	640	--	--	--

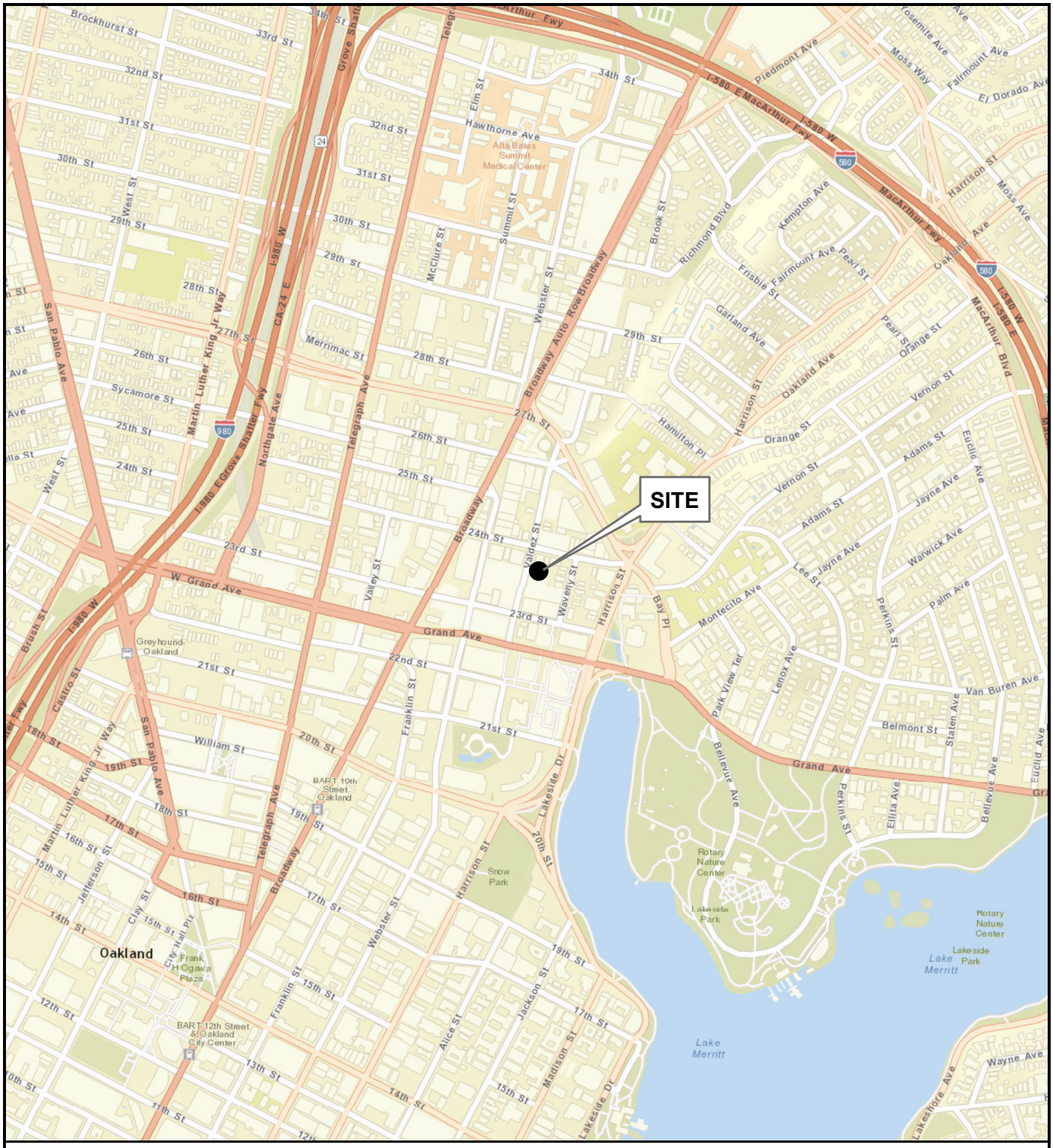
Notes:
µg/L - micrograms per Liter
TPHg - Total Petroleum Hydrocarbons as Gasoline, EPA Method 8015M
TPHd - Total Petroleum Hydrocarbons as Diesel Range, EPA Method 8015M
TPHmo - Total Petroleum Hydrocarbons as Motor Oil, EPA Method 8015M
PCBs - Polychlorinated Biphenyls, EPA Method 8081
VOCs - Volatile Organics Compounds, EPA 8260B
SVOCs - Semi-volatile Organics Compounds, EPA Method 8270
< 50 - Analyte was not detected above the laboratory reporting limit (50 µg/L)
[1] - Chloroform was detected at a concentration of 1.8 µg/L; Toluene was detected at a concentration of 0.51 µg/L.
[2] - Chloroform was detected at a concentration of 0.82µg/L
ESL - RWQCB Groundwater screening levels where groundwater is not a current or potential drinking water resource (Table F-1b) December 2013

Table 4
Metal Analytical Results in Grab Groundwater
2342 Valdez Street
Oakland, California

Sample ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Colbalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
		(µg/L)																
B-5-GW	12/6/2014	< 0.50	3.7	960	9.3	3.5	34	150	33	5.7	< 0.25	< 0.50	640	1.2	0.22	< 0.50	23	160
B-7-GW	12/6/2014	< 10	< 10	400	16	5	46	300	61	< 10	< 0.50	< 10	930	< 10	< 3.8	< 10	31	340
CPT-7-GW	12/6/2014	--	--	--	--	< 5.0	530	--	--	29	--	--	1,400	--	--	--	--	44

Notes:
µg/L - micrograms per Liter
< 0.50 - Analyte was not detected above the laboratory reporting limit (0.5 mg/kg).
-- Not analyzed

FIGURES



Notes:

1. World street basemap is provided through Langan's Esri ArcGIS software licensing and ArcGIS online. Credits: Sources: Esri, DeLorme, NAVTEQ, USGS, Intermap, iPC, NRCAN.
2. Map displayed in California State Plane Coordinate System , Zone III, North American Datum of 1983 (NAD83), US Survey Feet.

2342 VALDEZ STREET
Oakland, California

SITE LOCATION MAP

LANGAN TREADWELL ROLLO

Date 10/20/2014	Project 731641603	Figure 1

Notes:

1. World aerial imagery basemap is provided through Langan's Esri ArcGIS software licensing and ArcGIS online. Source of aerial imagery is Microsoft from 10/26/2010. Credits: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community
2. Map displayed in California State Plane Coordinate System, Zone III, North American Datum of 1983 (NAD83), US Survey Feet.

0 30 60 120
Feet

2342 VALDEZ STREET
Oakland, California

SITE PLAN

LANGAN TREADWELL ROLLO

Date 12/29/2014	Project 731641603	Figure 2

\\langan.com\data\SF\data6\731641603\ArcGIS\ArcMap_Documents\SitePlan_ProposedSampleLocations.mxd User: cstatham

APPENDIX A

EXPLORATORY BORING LOGS

PROJECT: **2342 VALDEZ STREET**
Oakland, California

Log of Boring B-5

Boring location: See Site Plan, Figure 2 | Logged by: S. Wolfe

Date started: 12/6/14 | Date finished: 12/6/14

Drilling method: Hollow Stem Auger

Hammer weight/drop: 140 lbs./30 inches | Hammer type: Safety Downhole Wireline

Sampler: Sprague & Henwood (S&H), Standard Penetration Test (SPT)

LABORATORY TEST DATA

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
0						2 inches asphalt concrete (AC)						
1						6 inches aggregate base (AB)						
2	S&H		11 17 26	22	CL	CLAY (CL) yellow-brown, very stiff, moist, trace sand, black 1/2" thick layer of sand (SP), yellow organic						
3						brown						
4	S&H		16 19 27	28		SAND with CLAY (SP-SC) brown to yellow brown, medium dense, moist						
5					CL	SANDY CLAY (CL) olive-brown, very stiff, moist						
6	S&H		9 11 17	17		SAND with CLAY and GRAVEL (SP-SC) olive brown, medium dense, moist						
7						CLAY (CL) olive brown with yellow-brown mottling, very stiff, moist, trace sand, black organics speckling						
8						with sand						
9	S&H		0 11 18	17		with gravel						
10					CL	hard, no gravel						
11	S&H		12 27 30	34								
12												
13												
14	S&H		9 18 27	27								
15						CLAYEY SAND (SC) olive brown with yellow-brown mottling, dense, wet						
16	SPT		11 15 17	32	SC	with gravel						
17												
18												
19	SPT		27 38 50	88	SP	SAND with GRAVEL (SP) yellow-brown, very dense, coarse grained, wet						
20						GRAVEL with SAND and CLAY (GP-GC) yellow-brown, very dense, wet						
21					SGP-GC							
22												
23						CLAY (CL) olive with yellow mottling, very stiff, wet, trace sand						
24	S&H		17 23 27	30								
25												
26					CL							
27												
28												
29	S&H		17 27 36	38		hard						
30												

LANGAN TREADWELL ROLLO

Project No.: 731641603 | Figure: A-1a

PROJECT: **2342 VALDEZ STREET**
Oakland, California

Log of Boring B-5

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
31						CLAY (CL) (continued)						
32												
33					CL							
34	S&H		27 36 42	47		with olive mottling, hard, wet, black organics speckling						
35												
36												
37												
38												
39												
40												
41												
42												
43												
44												
45												
46												
47												
48												
49												
50												
51												
52												
53												
54												
55												
56												
57												
58												
59												
60												

Boring terminated at a depth of 35 feet below ground surface.
Boring backfilled with cement grout.
Groundwater encountered at a depth of 14.8 feet during drilling.

[1] S&H and SPT blow counts for the last two increments were converted to SPT N-Values using factors of 0.6 and 1.0, respectively to account for sampler type and hammer energy.
[2] Elevations based on City of Oakland Datum.

LANGAN TREADWELL ROLLO

Project No.: 731641603
Figure: A-1b

TEST GEOTECH LOG 731641602-GEOTECH.GPJ TR.GDT 12/30/14

PROJECT: **2342 VALDEZ STREET**
Oakland, California

Log of Boring B-6

Boring location: See Site Plan, Figure 2 | Logged by: S. Wolfe

Date started: 12/6/14 | Date finished: 12/6/14

Drilling method: Hollow Stem Auger

Hammer weight/drop: 140 lbs./30 inches | Hammer type: Safety Downhole Wireline

Sampler: Sprague & Henwood (S&H), Standard Penetration Test (SPT)

LABORATORY TEST DATA

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
0						2 inches asphalt concrete (AC)						
1						6 inches aggregate base (AB)						
2	S&H		7 9 13	13	CL	SANDY CLAY with GRAVEL (CL) brown, stiff, moist						
3												
4	S&H		9 10 11	13	CL	SANDY CLAY (CL) brown, stiff, moist, fine-grained sand						
5					CL	1/2 thick layer of SAND (SP)						
6	S&H		10 2 19	19	CL	CLAY with SAND (CL) olive brown with orange mottling, very stiff,f moist, trace silt						
7												
8					CL	SANDY CLAY (CL) brown with yellow brown mottling, very stiff, moist, trace subangular gravel						
9	S&H		27 56	2		light brown with clay mottling, hard, moist						
10												
11	S&H		21 26 30	34	SC	CLAYEY SAND with GRAVEL (SC) yellow-brown, dense, moist, medium to coarse						
12												
13						(8:44, 12/06/14)						
14	SPT		21 27 19	43		▽ CLAYEY SAND with GRAVEL (SC) yellow-brown, dense, moist						
15												
16												
17												
18					SC							
19	SPT		17 19 28	47		increase clay content						
20												
21												
22												
23												
24	S&H		12 21 30	51		CLAY (CL) brown with olive mottling, hard, wet, trace very fine-grained sand						
25					CL							
26												
27												
28												
29	S&H		17 30 38	41	CL-ML	SILTY CLAY (CL-ML) yellow-brown with olive mottling, hard, wet, trace black spots						
30												

LANGAN TREADWELL ROLLO

Project No.: 731641603 | Figure: A-2a

TEST GEOTECH LOG 731641602-GEOTECH.GPJ TR.GDT 12/30/14

PROJECT: **2342 VALDEZ STREET**
Oakland, California

Log of Boring B-6

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
31					CL-ML	SILTY CLAY (CL-ML) (continued)						
32												
33												
34	S&H		23 26 40	40		CLAY (CL) yellow-brown with olive mottling, hard, wet, trace black spots						
35												
36												
37												
38												
39	S&H		14 26 38	38								
40												
41					CL							
42												
43												
44	S&H		27 38 50	53								
45												
46												
47												
48												
49	S&H		21 30 39	41								
50												
51												
52												
53												
54												
55												
56												
57												
58												
59												
60												

Boring terminated at a depth of 50 feet below ground surface.
Boring backfilled with cement grout.
Groundwater encountered at a depth of 13.5 feet during drilling.

[1] S&H and SPT blow counts for the last two increments were converted to SPT N-Values using factors of 0.6 and 1.0, respectively to account for sampler type and hammer energy.
[2] Elevations based on City of Oakland Datum.

LANGAN TREADWELL ROLLO

Project No.: 731641603
Figure: A-2b

TEST GEOTECH LOG 731641602-GEOTECH.GPJ TR.GDT 12/30/14

PROJECT: **2342 VALDEZ STREET**
Oakland, California

Log of Boring B-7

Boring location: See Site Plan, Figure 2 | Logged by: S. Wolfe

Date started: 12/6/14 | Date finished: 12/6/14

Drilling method: Hollow Stem Auger

Hammer weight/drop: 140 lbs./30 inches | Hammer type: Safety Downhole Wireline

Sampler: Sprague & Henwood (S&H), Standard Penetration Test (SPT)

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: Blows/ 6"	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
0						2 inches asphalt concrete (AC)						
0						4 inches aggregate base (AB)						
2	S&H		7 14 20	20	CL	SANDY CLAY with GRAVEL (CL) yellow brown, very stiff, moist						
3												
4	S&H		27 40 50/5"	54/ 11"		increasing and content						
5					SC	CLAYEY SAND (SC) yellow-brown, very dense, moist						
6	S&H		30 42 50/4"	50/ 10"								
7						CLAY (CL) olive-brown, hard, moist						
8					CL							
9	S&H		28 30 50	47		dark brown mottling						
10												
11	S&H		19 22 40	41		SANDY CLAY (CL) yellow-brown with live and yellow mottling, hard, moist						
12					SC							
13												
14						▽ (13:00, 12/06/14)						
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												

Boring terminated at a depth of 15 feet below ground surface.
Boring backfilled with cement grout.
Groundwater encountered at a depth of 14.12 feet during drilling.

[1] S&H and SPT blow counts for the last two increments were converted to SPT N-Values using factors of 0.6 and 1.0, respectively to account for sampler type and hammer energy.
[2] Elevations based on City of Oakland Datum.

LANGAN TREADWELL ROLLO

Project No.: 731641603 | Figure: A-3

TEST GEOTECH LOG 731641602-GEOTECH.GPJ TR.GDT 12/30/14

APPENDIX B

CERTIFIED ANALYTICAL RESULTS AND CHAIN-OF-CUSTODY RECORDS

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1412363

Report Created for: Treadwell & Rollo
555 Montgomery St., Suite 1300
San Francisco, CA 94111

Project Contact: Peter Cusack
Project P.O.:
Project Name: #731641603; 2342 Valdez Street

Project Received: 12/08/2014

Analytical Report reviewed & approved for release on 12/15/2014 by:

Question about your data?

Click here to email McCampbell

Angela Rydelius,
Laboratory Manager

1534 Willow Pass Rd. Pittsburg, CA 94565 ♦ TEL: (877) 252-9262 ♦ FAX: (925) 252-9269 ♦ www.mccampbell.com
NELAP: 4033ORELAP ♦ ELAP: 1644 ♦ ISO/IEC: 17025:2005 ♦ WSDE: C972-11 ♦ ADEC: UST-098 ♦ UCMR3

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Treadwell & Rollo
Project: #731641603; 2342 Valdez Street
WorkOrder: 1412363

Glossary Abbreviation

95% Interval	95% Confident Interval
DF	Dilution Factor
DUP	Duplicate
EDL	Estimated Detection Limit
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
TEQ	Toxicity Equivalence

Analytical Qualifiers

a1	sample diluted due to matrix interference
a3	sample diluted due to high organic content.
a19	reporting limit near, but not identical to our standard reporting limit due to variable water sample volume
b1	aqueous sample that contains greater than ~1 vol. % sediment
e2	diesel range compounds are significant; no recognizable pattern
e3	aged diesel is significant
e4	gasoline range compounds are significant.
e7	oil range compounds are significant
e8	kerosene/kerosene range/jet fuel range
e11	stoddard solvent/mineral spirit (?)

Quality Control Qualifiers

F1	MS/MSD recovery and/or RPD was out of acceptance criteria; LCS validated the prep batch.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8081A/8082
Date Prepared:	12/8/14	**Unit:**	mg/kg

Organochlorine Pesticides (Basic Target List) + PCBs

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-5-2	**1412363-001A**	**Soil**	**12/06/2014**	**GC23**	**98689**

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.0010	1	12/11/2014 19:39
a-BHC	ND	0.0010	1	12/11/2014 19:39
b-BHC	ND	0.0010	1	12/11/2014 19:39
d-BHC	ND	0.0010	1	12/11/2014 19:39
g-BHC	ND	0.0010	1	12/11/2014 19:39
Chlordane (Technical)	ND	0.025	1	12/11/2014 19:39
a-Chlordane	ND	0.0010	1	12/11/2014 19:39
g-Chlordane	ND	0.0010	1	12/11/2014 19:39
p,p-DDD	ND	0.0010	1	12/11/2014 19:39
p,p-DDE	ND	0.0010	1	12/11/2014 19:39
p,p-DDT	ND	0.0010	1	12/11/2014 19:39
Dieldrin	ND	0.0010	1	12/11/2014 19:39
Endosulfan I	ND	0.0010	1	12/11/2014 19:39
Endosulfan II	ND	0.0010	1	12/11/2014 19:39
Endosulfan sulfate	ND	0.0010	1	12/11/2014 19:39
Endrin	ND	0.0010	1	12/11/2014 19:39
Endrin aldehyde	ND	0.0010	1	12/11/2014 19:39
Endrin ketone	ND	0.0010	1	12/11/2014 19:39
Heptachlor	ND	0.0010	1	12/11/2014 19:39
Heptachlor epoxide	ND	0.0010	1	12/11/2014 19:39
Hexachlorobenzene	ND	0.010	1	12/11/2014 19:39
Hexachlorocyclopentadiene	ND	0.020	1	12/11/2014 19:39
Methoxychlor	ND	0.0010	1	12/11/2014 19:39
Toxaphene	ND	0.050	1	12/11/2014 19:39
Aroclor1016	ND	0.050	1	12/11/2014 19:39
Aroclor1221	ND	0.050	1	12/11/2014 19:39
Aroclor1232	ND	0.050	1	12/11/2014 19:39
Aroclor1242	ND	0.050	1	12/11/2014 19:39
Aroclor1248	ND	0.050	1	12/11/2014 19:39
Aroclor1254	ND	0.050	1	12/11/2014 19:39
Aroclor1260	ND	0.050	1	12/11/2014 19:39
PCBs, total	ND	0.050	1	12/11/2014 19:39

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	97	70-130	12/11/2014 19:39

Analyst(s): SS

(Cont.)

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1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8081A/8082
Date Prepared:	12/8/14	**Unit:**	mg/kg

Organochlorine Pesticides (Basic Target List) + PCBs

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-1.5	**1412363-013A**	**Soil**	**12/06/2014**	**GC23**	**98689**

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.0010	1	12/11/2014 19:02
a-BHC	ND	0.0010	1	12/11/2014 19:02
b-BHC	ND	0.0010	1	12/11/2014 19:02
d-BHC	ND	0.0010	1	12/11/2014 19:02
g-BHC	ND	0.0010	1	12/11/2014 19:02
Chlordane (Technical)	ND	0.025	1	12/11/2014 19:02
a-Chlordane	ND	0.0010	1	12/11/2014 19:02
g-Chlordane	ND	0.0010	1	12/11/2014 19:02
p,p-DDD	ND	0.0010	1	12/11/2014 19:02
p,p-DDE	ND	0.0010	1	12/11/2014 19:02
p,p-DDT	ND	0.0010	1	12/11/2014 19:02
Dieldrin	ND	0.0010	1	12/11/2014 19:02
Endosulfan I	ND	0.0010	1	12/11/2014 19:02
Endosulfan II	ND	0.0010	1	12/11/2014 19:02
Endosulfan sulfate	ND	0.0010	1	12/11/2014 19:02
Endrin	ND	0.0010	1	12/11/2014 19:02
Endrin aldehyde	ND	0.0010	1	12/11/2014 19:02
Endrin ketone	ND	0.0010	1	12/11/2014 19:02
Heptachlor	ND	0.0010	1	12/11/2014 19:02
Heptachlor epoxide	ND	0.0010	1	12/11/2014 19:02
Hexachlorobenzene	ND	0.010	1	12/11/2014 19:02
Hexachlorocyclopentadiene	ND	0.020	1	12/11/2014 19:02
Methoxychlor	ND	0.0010	1	12/11/2014 19:02
Toxaphene	ND	0.050	1	12/11/2014 19:02
Aroclor1016	ND	0.050	1	12/11/2014 19:02
Aroclor1221	ND	0.050	1	12/11/2014 19:02
Aroclor1232	ND	0.050	1	12/11/2014 19:02
Aroclor1242	ND	0.050	1	12/11/2014 19:02
Aroclor1248	ND	0.050	1	12/11/2014 19:02
Aroclor1254	ND	0.050	1	12/11/2014 19:02
Aroclor1260	ND	0.050	1	12/11/2014 19:02
PCBs, total	ND	0.050	1	12/11/2014 19:02

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	105	70-130	12/11/2014 19:02

Analyst(s): SS

McCampbell Analytical, Inc.
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1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8081A
Date Prepared:	12/8/14	**Unit:**	mg/kg

Organochlorine Pesticides (Basic Target List)

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-6-2	**1412363-005A**	**Soil**	**12/06/2014**	**GC23**	**98689**

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.0010	1	12/11/2014 17:47
a-BHC	ND	0.0010	1	12/11/2014 17:47
b-BHC	ND	0.0010	1	12/11/2014 17:47
d-BHC	ND	0.0010	1	12/11/2014 17:47
g-BHC	ND	0.0010	1	12/11/2014 17:47
Chlordane (Technical)	ND	0.025	1	12/11/2014 17:47
a-Chlordane	ND	0.0010	1	12/11/2014 17:47
g-Chlordane	ND	0.0010	1	12/11/2014 17:47
p,p-DDD	ND	0.0010	1	12/11/2014 17:47
p,p-DDE	ND	0.0010	1	12/11/2014 17:47
p,p-DDT	ND	0.0010	1	12/11/2014 17:47
Dieldrin	ND	0.0010	1	12/11/2014 17:47
Endosulfan I	ND	0.0010	1	12/11/2014 17:47
Endosulfan II	ND	0.0010	1	12/11/2014 17:47
Endosulfan sulfate	ND	0.0010	1	12/11/2014 17:47
Endrin	ND	0.0010	1	12/11/2014 17:47
Endrin aldehyde	ND	0.0010	1	12/11/2014 17:47
Endrin ketone	ND	0.0010	1	12/11/2014 17:47
Heptachlor	ND	0.0010	1	12/11/2014 17:47
Heptachlor epoxide	ND	0.0010	1	12/11/2014 17:47
Hexachlorobenzene	ND	0.010	1	12/11/2014 17:47
Hexachlorocyclopentadiene	ND	0.020	1	12/11/2014 17:47
Methoxychlor	ND	0.0010	1	12/11/2014 17:47
Toxaphene	ND	0.050	1	12/11/2014 17:47

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	95	70-130	12/11/2014 17:47

Analyst(s): SS

(Cont.)

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"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8081A
Date Prepared:	12/8/14	**Unit:**	mg/kg

Organochlorine Pesticides (Basic Target List)

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-7-2	**1412363-009A**	**Soil**	**12/06/2014**	**GC23**	**98768**

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.0010	1	12/11/2014 15:18
a-BHC	ND	0.0010	1	12/11/2014 15:18
b-BHC	ND	0.0010	1	12/11/2014 15:18
d-BHC	ND	0.0010	1	12/11/2014 15:18
g-BHC	ND	0.0010	1	12/11/2014 15:18
Chlordane (Technical)	ND	0.025	1	12/11/2014 15:18
a-Chlordane	ND	0.0010	1	12/11/2014 15:18
g-Chlordane	ND	0.0010	1	12/11/2014 15:18
p,p-DDD	ND	0.0010	1	12/11/2014 15:18
p,p-DDE	ND	0.0010	1	12/11/2014 15:18
p,p-DDT	ND	0.0010	1	12/11/2014 15:18
Dieldrin	ND	0.0010	1	12/11/2014 15:18
Endosulfan I	ND	0.0010	1	12/11/2014 15:18
Endosulfan II	ND	0.0010	1	12/11/2014 15:18
Endosulfan sulfate	ND	0.0010	1	12/11/2014 15:18
Endrin	ND	0.0010	1	12/11/2014 15:18
Endrin aldehyde	ND	0.0010	1	12/11/2014 15:18
Endrin ketone	ND	0.0010	1	12/11/2014 15:18
Heptachlor	ND	0.0010	1	12/11/2014 15:18
Heptachlor epoxide	ND	0.0010	1	12/11/2014 15:18
Hexachlorobenzene	ND	0.010	1	12/11/2014 15:18
Hexachlorocyclopentadiene	ND	0.020	1	12/11/2014 15:18
Methoxychlor	ND	0.0010	1	12/11/2014 15:18
Toxaphene	ND	0.050	1	12/11/2014 15:18

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	107	70-130	12/11/2014 15:18

Analyst(s): SS

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8081A
Date Prepared:	12/8/14	**Unit:**	mg/kg

Organochlorine Pesticides (Basic Target List)

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-3.0	**1412363-014A**	**Soil**	**12/06/2014**	**GC23**	**98689**

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.0050	5	12/11/2014 18:25
a-BHC	ND	0.0050	5	12/11/2014 18:25
b-BHC	ND	0.0050	5	12/11/2014 18:25
d-BHC	ND	0.0050	5	12/11/2014 18:25
g-BHC	ND	0.0050	5	12/11/2014 18:25
Chlordane (Technical)	ND	0.12	5	12/11/2014 18:25
a-Chlordane	ND	0.0050	5	12/11/2014 18:25
g-Chlordane	ND	0.0050	5	12/11/2014 18:25
p,p-DDD	ND	0.0050	5	12/11/2014 18:25
p,p-DDE	ND	0.0050	5	12/11/2014 18:25
p,p-DDT	ND	0.0050	5	12/11/2014 18:25
Dieldrin	ND	0.0050	5	12/11/2014 18:25
Endosulfan I	ND	0.0050	5	12/11/2014 18:25
Endosulfan II	ND	0.0050	5	12/11/2014 18:25
Endosulfan sulfate	ND	0.0050	5	12/11/2014 18:25
Endrin	ND	0.0050	5	12/11/2014 18:25
Endrin aldehyde	ND	0.0050	5	12/11/2014 18:25
Endrin ketone	ND	0.0050	5	12/11/2014 18:25
Heptachlor	ND	0.0050	5	12/11/2014 18:25
Heptachlor epoxide	ND	0.0050	5	12/11/2014 18:25
Hexachlorobenzene	ND	0.050	5	12/11/2014 18:25
Hexachlorocyclopentadiene	ND	0.10	5	12/11/2014 18:25
Methoxychlor	ND	0.0050	5	12/11/2014 18:25
Toxaphene	ND	0.25	5	12/11/2014 18:25

Surrogates	REC (%)	Limits	Analytical Comments: a3	
Decachlorobiphenyl	100	70-130		12/11/2014 18:25

Analyst(s): SS

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8082
Date Prepared:	12/8/14	**Unit:**	mg/kg

Polychlorinated Biphenyls (PCBs) Aroclors

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-6-3.5	**1412363-006A**	**Soil**	**12/06/2014**	**GC23**	**98702**

Analytes	Result	RL	DF	Date Analyzed
Aroclor1016	ND	0.050	1	12/10/2014 08:50
Aroclor1221	ND	0.050	1	12/10/2014 08:50
Aroclor1232	ND	0.050	1	12/10/2014 08:50
Aroclor1242	ND	0.050	1	12/10/2014 08:50
Aroclor1248	ND	0.050	1	12/10/2014 08:50
Aroclor1254	ND	0.050	1	12/10/2014 08:50
Aroclor1260	ND	0.050	1	12/10/2014 08:50
PCBs, total	ND	0.050	1	12/10/2014 08:50

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	93	70-130	12/10/2014 08:50

Analyst(s): SS

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-7-5.5	**1412363-011A**	**Soil**	**12/06/2014**	**GC23**	**98702**

Analytes	Result	RL	DF	Date Analyzed
Aroclor1016	ND	0.050	1	12/11/2014 16:33
Aroclor1221	ND	0.050	1	12/11/2014 16:33
Aroclor1232	ND	0.050	1	12/11/2014 16:33
Aroclor1242	ND	0.050	1	12/11/2014 16:33
Aroclor1248	ND	0.050	1	12/11/2014 16:33
Aroclor1254	ND	0.050	1	12/11/2014 16:33
Aroclor1260	ND	0.050	1	12/11/2014 16:33
PCBs, total	ND	0.050	1	12/11/2014 16:33

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	99	70-130	12/11/2014 16:33

Analyst(s): SS

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8082
Date Prepared:	12/8/14	**Unit:**	mg/kg

Polychlorinated Biphenyls (PCBs) Aroclors

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-8.0	**1412363-016A**	**Soil**	**12/06/2014**	**GC23**	**98702**

Analytes	Result	RL	DF	Date Analyzed
Aroclor1016	ND	0.050	1	12/11/2014 17:10
Aroclor1221	ND	0.050	1	12/11/2014 17:10
Aroclor1232	ND	0.050	1	12/11/2014 17:10
Aroclor1242	ND	0.050	1	12/11/2014 17:10
Aroclor1248	ND	0.050	1	12/11/2014 17:10
Aroclor1254	ND	0.050	1	12/11/2014 17:10
Aroclor1260	ND	0.050	1	12/11/2014 17:10
PCBs, total	ND	0.050	1	12/11/2014 17:10

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	99	70-130	12/11/2014 17:10

Analyst(s): SS

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3510C
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8082
Date Prepared:	12/8/14	**Unit:**	µg/L

Polychlorinated Biphenyls (PCBs) Aroclors

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-5-GW	**1412363-017D**	**Water**	**12/06/2014**	**GC20**	**98705**

Analytes	Result	RL	DF	Date Analyzed
Aroclor1016	ND	0.50	1	12/10/2014 07:17
Aroclor1221	ND	0.50	1	12/10/2014 07:17
Aroclor1232	ND	0.50	1	12/10/2014 07:17
Aroclor1242	ND	0.50	1	12/10/2014 07:17
Aroclor1248	ND	0.50	1	12/10/2014 07:17
Aroclor1254	ND	0.50	1	12/10/2014 07:17
Aroclor1260	ND	0.50	1	12/10/2014 07:17
PCBs, total	ND	0.50	1	12/10/2014 07:17

Surrogates	REC (%)	Limits	Analytical Comments: b1	
Decachlorobiphenyl	127	70-130		12/10/2014 07:17

Analyst(s): CK

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-7-GW	**1412363-018D**	**Water**	**12/06/2014**	**GC20**	**98705**

Analytes	Result	RL	DF	Date Analyzed
Aroclor1016	ND	0.50	1	12/10/2014 06:20
Aroclor1221	ND	0.50	1	12/10/2014 06:20
Aroclor1232	ND	0.50	1	12/10/2014 06:20
Aroclor1242	ND	0.50	1	12/10/2014 06:20
Aroclor1248	ND	0.50	1	12/10/2014 06:20
Aroclor1254	ND	0.50	1	12/10/2014 06:20
Aroclor1260	ND	0.50	1	12/10/2014 06:20
PCBs, total	ND	0.50	1	12/10/2014 06:20

Surrogates	REC (%)	Limits	Analytical Comments: b1	
Decachlorobiphenyl	111	70-130		12/10/2014 06:20

Analyst(s): CK

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3510C
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8082
Date Prepared:	12/8/14	**Unit:**	µg/L

Polychlorinated Biphenyls (PCBs) Aroclors

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-GW	**1412363-019D**	**Water**	**12/06/2014**	**GC20**	**98705**

Analytes	Result	RL	DF	Date Analyzed
Aroclor1016	ND	0.50	1	12/10/2014 08:14
Aroclor1221	ND	0.50	1	12/10/2014 08:14
Aroclor1232	ND	0.50	1	12/10/2014 08:14
Aroclor1242	ND	0.50	1	12/10/2014 08:14
Aroclor1248	ND	0.50	1	12/10/2014 08:14
Aroclor1254	ND	0.50	1	12/10/2014 08:14
Aroclor1260	ND	0.50	1	12/10/2014 08:14
PCBs, total	ND	0.50	1	12/10/2014 08:14

Surrogates	REC (%)	Limits	Analytical Comments: b1	
Decachlorobiphenyl	126	70-130		12/10/2014 08:14

Analyst(s): CK

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8260B
Date Prepared:	12/8/14	**Unit:**	mg/kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-5-2	1412363-001A	Soil	12/06/2014	GC28	98690

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	12/11/2014 19:47
tert-Amyl methyl ether (TAME)	ND	0.0050	1	12/11/2014 19:47
Benzene	ND	0.0050	1	12/11/2014 19:47
Bromobenzene	ND	0.0050	1	12/11/2014 19:47
Bromochloromethane	ND	0.0050	1	12/11/2014 19:47
Bromodichloromethane	ND	0.0050	1	12/11/2014 19:47
Bromoform	ND	0.0050	1	12/11/2014 19:47
Bromomethane	ND	0.0050	1	12/11/2014 19:47
2-Butanone (MEK)	ND	0.020	1	12/11/2014 19:47
t-Butyl alcohol (TBA)	ND	0.050	1	12/11/2014 19:47
n-Butyl benzene	ND	0.0050	1	12/11/2014 19:47
sec-Butyl benzene	ND	0.0050	1	12/11/2014 19:47
tert-Butyl benzene	ND	0.0050	1	12/11/2014 19:47
Carbon Disulfide	ND	0.0050	1	12/11/2014 19:47
Carbon Tetrachloride	ND	0.0050	1	12/11/2014 19:47
Chlorobenzene	ND	0.0050	1	12/11/2014 19:47
Chloroethane	ND	0.0050	1	12/11/2014 19:47
Chloroform	ND	0.0050	1	12/11/2014 19:47
Chloromethane	ND	0.0050	1	12/11/2014 19:47
2-Chlorotoluene	ND	0.0050	1	12/11/2014 19:47
4-Chlorotoluene	ND	0.0050	1	12/11/2014 19:47
Dibromochloromethane	ND	0.0050	1	12/11/2014 19:47
1,2-Dibromo-3-chloropropane	ND	0.0040	1	12/11/2014 19:47
1,2-Dibromoethane (EDB)	ND	0.0040	1	12/11/2014 19:47
Dibromomethane	ND	0.0050	1	12/11/2014 19:47
1,2-Dichlorobenzene	ND	0.0050	1	12/11/2014 19:47
1,3-Dichlorobenzene	ND	0.0050	1	12/11/2014 19:47
1,4-Dichlorobenzene	ND	0.0050	1	12/11/2014 19:47
Dichlorodifluoromethane	ND	0.0050	1	12/11/2014 19:47
1,1-Dichloroethane	ND	0.0050	1	12/11/2014 19:47
1,2-Dichloroethane (1,2-DCA)	ND	0.0040	1	12/11/2014 19:47
1,1-Dichloroethene	ND	0.0050	1	12/11/2014 19:47
cis-1,2-Dichloroethene	ND	0.0050	1	12/11/2014 19:47
trans-1,2-Dichloroethene	ND	0.0050	1	12/11/2014 19:47
1,2-Dichloropropane	ND	0.0050	1	12/11/2014 19:47
1,3-Dichloropropane	ND	0.0050	1	12/11/2014 19:47
2,2-Dichloropropane	ND	0.0050	1	12/11/2014 19:47
1,1-Dichloropropene	ND	0.0050	1	12/11/2014 19:47

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8260B
Date Prepared:	12/8/14	**Unit:**	mg/kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-5-2	**1412363-001A**	**Soil**	**12/06/2014**	**GC28**	**98690**

Analytes	Result	RL	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	0.0050	1	12/11/2014 19:47
trans-1,3-Dichloropropene	ND	0.0050	1	12/11/2014 19:47
Diisopropyl ether (DIPE)	ND	0.0050	1	12/11/2014 19:47
Ethylbenzene	ND	0.0050	1	12/11/2014 19:47
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	12/11/2014 19:47
Freon 113	ND	0.10	1	12/11/2014 19:47
Hexachlorobutadiene	ND	0.0050	1	12/11/2014 19:47
Hexachloroethane	ND	0.0050	1	12/11/2014 19:47
2-Hexanone	ND	0.0050	1	12/11/2014 19:47
Isopropylbenzene	ND	0.0050	1	12/11/2014 19:47
4-Isopropyl toluene	ND	0.0050	1	12/11/2014 19:47
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	12/11/2014 19:47
Methylene chloride	ND	0.0050	1	12/11/2014 19:47
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	12/11/2014 19:47
Naphthalene	ND	0.0050	1	12/11/2014 19:47
n-Propyl benzene	ND	0.0050	1	12/11/2014 19:47
Styrene	ND	0.0050	1	12/11/2014 19:47
1,1,1,2-Tetrachloroethane	ND	0.0050	1	12/11/2014 19:47
1,1,2,2-Tetrachloroethane	ND	0.0050	1	12/11/2014 19:47
Tetrachloroethene	ND	0.0050	1	12/11/2014 19:47
Toluene	ND	0.0050	1	12/11/2014 19:47
1,2,3-Trichlorobenzene	ND	0.0050	1	12/11/2014 19:47
1,2,4-Trichlorobenzene	ND	0.0050	1	12/11/2014 19:47
1,1,1-Trichloroethane	ND	0.0050	1	12/11/2014 19:47
1,1,2-Trichloroethane	ND	0.0050	1	12/11/2014 19:47
Trichloroethene	ND	0.0050	1	12/11/2014 19:47
Trichlorofluoromethane	ND	0.0050	1	12/11/2014 19:47
1,2,3-Trichloropropane	ND	0.0050	1	12/11/2014 19:47
1,2,4-Trimethylbenzene	ND	0.0050	1	12/11/2014 19:47
1,3,5-Trimethylbenzene	ND	0.0050	1	12/11/2014 19:47
Vinyl Chloride	ND	0.0050	1	12/11/2014 19:47
Xylenes, Total	ND	0.0050	1	12/11/2014 19:47

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8260B
Date Prepared:	12/8/14	**Unit:**	mg/kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-5-2	**1412363-001A**	**Soil**	**12/06/2014**	**GC28**	**98690**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	101	70-130		12/11/2014 19:47
Toluene-d8	111	70-130		12/11/2014 19:47
4-BFB	101	70-130		12/11/2014 19:47

Analyst(s): KBO

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8260B
Date Prepared:	12/8/14	**Unit:**	mg/kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-5-5.5	1412363-003A	Soil	12/06/2014	GC28	98690

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	12/11/2014 20:25
tert-Amyl methyl ether (TAME)	ND	0.0050	1	12/11/2014 20:25
Benzene	ND	0.0050	1	12/11/2014 20:25
Bromobenzene	ND	0.0050	1	12/11/2014 20:25
Bromochloromethane	ND	0.0050	1	12/11/2014 20:25
Bromodichloromethane	ND	0.0050	1	12/11/2014 20:25
Bromoform	ND	0.0050	1	12/11/2014 20:25
Bromomethane	ND	0.0050	1	12/11/2014 20:25
2-Butanone (MEK)	ND	0.020	1	12/11/2014 20:25
t-Butyl alcohol (TBA)	ND	0.050	1	12/11/2014 20:25
n-Butyl benzene	ND	0.0050	1	12/11/2014 20:25
sec-Butyl benzene	ND	0.0050	1	12/11/2014 20:25
tert-Butyl benzene	ND	0.0050	1	12/11/2014 20:25
Carbon Disulfide	ND	0.0050	1	12/11/2014 20:25
Carbon Tetrachloride	ND	0.0050	1	12/11/2014 20:25
Chlorobenzene	ND	0.0050	1	12/11/2014 20:25
Chloroethane	ND	0.0050	1	12/11/2014 20:25
Chloroform	ND	0.0050	1	12/11/2014 20:25
Chloromethane	ND	0.0050	1	12/11/2014 20:25
2-Chlorotoluene	ND	0.0050	1	12/11/2014 20:25
4-Chlorotoluene	ND	0.0050	1	12/11/2014 20:25
Dibromochloromethane	ND	0.0050	1	12/11/2014 20:25
1,2-Dibromo-3-chloropropane	ND	0.0040	1	12/11/2014 20:25
1,2-Dibromoethane (EDB)	ND	0.0040	1	12/11/2014 20:25
Dibromomethane	ND	0.0050	1	12/11/2014 20:25
1,2-Dichlorobenzene	ND	0.0050	1	12/11/2014 20:25
1,3-Dichlorobenzene	ND	0.0050	1	12/11/2014 20:25
1,4-Dichlorobenzene	ND	0.0050	1	12/11/2014 20:25
Dichlorodifluoromethane	ND	0.0050	1	12/11/2014 20:25
1,1-Dichloroethane	ND	0.0050	1	12/11/2014 20:25
1,2-Dichloroethane (1,2-DCA)	ND	0.0040	1	12/11/2014 20:25
1,1-Dichloroethene	ND	0.0050	1	12/11/2014 20:25
cis-1,2-Dichloroethene	ND	0.0050	1	12/11/2014 20:25
trans-1,2-Dichloroethene	ND	0.0050	1	12/11/2014 20:25
1,2-Dichloropropane	ND	0.0050	1	12/11/2014 20:25
1,3-Dichloropropane	ND	0.0050	1	12/11/2014 20:25
2,2-Dichloropropane	ND	0.0050	1	12/11/2014 20:25
1,1-Dichloropropene	ND	0.0050	1	12/11/2014 20:25

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8260B
Date Prepared:	12/8/14	**Unit:**	mg/kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-5-5.5	**1412363-003A**	**Soil**	**12/06/2014**	**GC28**	**98690**

Analytes	Result	RL	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	0.0050	1	12/11/2014 20:25
trans-1,3-Dichloropropene	ND	0.0050	1	12/11/2014 20:25
Diisopropyl ether (DIPE)	ND	0.0050	1	12/11/2014 20:25
Ethylbenzene	ND	0.0050	1	12/11/2014 20:25
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	12/11/2014 20:25
Freon 113	ND	0.10	1	12/11/2014 20:25
Hexachlorobutadiene	ND	0.0050	1	12/11/2014 20:25
Hexachloroethane	ND	0.0050	1	12/11/2014 20:25
2-Hexanone	ND	0.0050	1	12/11/2014 20:25
Isopropylbenzene	ND	0.0050	1	12/11/2014 20:25
4-Isopropyl toluene	ND	0.0050	1	12/11/2014 20:25
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	12/11/2014 20:25
Methylene chloride	ND	0.0050	1	12/11/2014 20:25
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	12/11/2014 20:25
Naphthalene	ND	0.0050	1	12/11/2014 20:25
n-Propyl benzene	ND	0.0050	1	12/11/2014 20:25
Styrene	ND	0.0050	1	12/11/2014 20:25
1,1,1,2-Tetrachloroethane	ND	0.0050	1	12/11/2014 20:25
1,1,2,2-Tetrachloroethane	ND	0.0050	1	12/11/2014 20:25
Tetrachloroethene	ND	0.0050	1	12/11/2014 20:25
Toluene	ND	0.0050	1	12/11/2014 20:25
1,2,3-Trichlorobenzene	ND	0.0050	1	12/11/2014 20:25
1,2,4-Trichlorobenzene	ND	0.0050	1	12/11/2014 20:25
1,1,1-Trichloroethane	ND	0.0050	1	12/11/2014 20:25
1,1,2-Trichloroethane	ND	0.0050	1	12/11/2014 20:25
Trichloroethene	ND	0.0050	1	12/11/2014 20:25
Trichlorofluoromethane	ND	0.0050	1	12/11/2014 20:25
1,2,3-Trichloropropane	ND	0.0050	1	12/11/2014 20:25
1,2,4-Trimethylbenzene	ND	0.0050	1	12/11/2014 20:25
1,3,5-Trimethylbenzene	ND	0.0050	1	12/11/2014 20:25
Vinyl Chloride	ND	0.0050	1	12/11/2014 20:25
Xylenes, Total	ND	0.0050	1	12/11/2014 20:25

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8260B
Date Prepared:	12/8/14	**Unit:**	mg/kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-5-5.5	**1412363-003A**	**Soil**	**12/06/2014**	**GC28**	**98690**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	102	70-130		12/11/2014 20:25
Toluene-d8	111	70-130		12/11/2014 20:25
4-BFB	104	70-130		12/11/2014 20:25

Analyst(s): KBO

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8260B
Date Prepared:	12/8/14	**Unit:**	mg/kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-6-3.5	1412363-006A	Soil	12/06/2014	GC28	98690

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	12/11/2014 21:04
tert-Amyl methyl ether (TAME)	ND	0.0050	1	12/11/2014 21:04
Benzene	ND	0.0050	1	12/11/2014 21:04
Bromobenzene	ND	0.0050	1	12/11/2014 21:04
Bromochloromethane	ND	0.0050	1	12/11/2014 21:04
Bromodichloromethane	ND	0.0050	1	12/11/2014 21:04
Bromoform	ND	0.0050	1	12/11/2014 21:04
Bromomethane	ND	0.0050	1	12/11/2014 21:04
2-Butanone (MEK)	ND	0.020	1	12/11/2014 21:04
t-Butyl alcohol (TBA)	ND	0.050	1	12/11/2014 21:04
n-Butyl benzene	ND	0.0050	1	12/11/2014 21:04
sec-Butyl benzene	ND	0.0050	1	12/11/2014 21:04
tert-Butyl benzene	ND	0.0050	1	12/11/2014 21:04
Carbon Disulfide	ND	0.0050	1	12/11/2014 21:04
Carbon Tetrachloride	ND	0.0050	1	12/11/2014 21:04
Chlorobenzene	ND	0.0050	1	12/11/2014 21:04
Chloroethane	ND	0.0050	1	12/11/2014 21:04
Chloroform	ND	0.0050	1	12/11/2014 21:04
Chloromethane	ND	0.0050	1	12/11/2014 21:04
2-Chlorotoluene	ND	0.0050	1	12/11/2014 21:04
4-Chlorotoluene	ND	0.0050	1	12/11/2014 21:04
Dibromochloromethane	ND	0.0050	1	12/11/2014 21:04
1,2-Dibromo-3-chloropropane	ND	0.0040	1	12/11/2014 21:04
1,2-Dibromoethane (EDB)	ND	0.0040	1	12/11/2014 21:04
Dibromomethane	ND	0.0050	1	12/11/2014 21:04
1,2-Dichlorobenzene	ND	0.0050	1	12/11/2014 21:04
1,3-Dichlorobenzene	ND	0.0050	1	12/11/2014 21:04
1,4-Dichlorobenzene	ND	0.0050	1	12/11/2014 21:04
Dichlorodifluoromethane	ND	0.0050	1	12/11/2014 21:04
1,1-Dichloroethane	ND	0.0050	1	12/11/2014 21:04
1,2-Dichloroethane (1,2-DCA)	ND	0.0040	1	12/11/2014 21:04
1,1-Dichloroethene	ND	0.0050	1	12/11/2014 21:04
cis-1,2-Dichloroethene	ND	0.0050	1	12/11/2014 21:04
trans-1,2-Dichloroethene	ND	0.0050	1	12/11/2014 21:04
1,2-Dichloropropane	ND	0.0050	1	12/11/2014 21:04
1,3-Dichloropropane	ND	0.0050	1	12/11/2014 21:04
2,2-Dichloropropane	ND	0.0050	1	12/11/2014 21:04
1,1-Dichloropropene	ND	0.0050	1	12/11/2014 21:04

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8260B
Date Prepared:	12/8/14	**Unit:**	mg/kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-6-3.5	1412363-006A	Soil	12/06/2014	GC28	98690

Analytes	Result	RL	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	0.0050	1	12/11/2014 21:04
trans-1,3-Dichloropropene	ND	0.0050	1	12/11/2014 21:04
Diisopropyl ether (DIPE)	ND	0.0050	1	12/11/2014 21:04
Ethylbenzene	ND	0.0050	1	12/11/2014 21:04
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	12/11/2014 21:04
Freon 113	ND	0.10	1	12/11/2014 21:04
Hexachlorobutadiene	ND	0.0050	1	12/11/2014 21:04
Hexachloroethane	ND	0.0050	1	12/11/2014 21:04
2-Hexanone	ND	0.0050	1	12/11/2014 21:04
Isopropylbenzene	ND	0.0050	1	12/11/2014 21:04
4-Isopropyl toluene	ND	0.0050	1	12/11/2014 21:04
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	12/11/2014 21:04
Methylene chloride	ND	0.0050	1	12/11/2014 21:04
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	12/11/2014 21:04
Naphthalene	ND	0.0050	1	12/11/2014 21:04
n-Propyl benzene	ND	0.0050	1	12/11/2014 21:04
Styrene	ND	0.0050	1	12/11/2014 21:04
1,1,1,2-Tetrachloroethane	ND	0.0050	1	12/11/2014 21:04
1,1,2,2-Tetrachloroethane	ND	0.0050	1	12/11/2014 21:04
Tetrachloroethene	ND	0.0050	1	12/11/2014 21:04
Toluene	ND	0.0050	1	12/11/2014 21:04
1,2,3-Trichlorobenzene	ND	0.0050	1	12/11/2014 21:04
1,2,4-Trichlorobenzene	ND	0.0050	1	12/11/2014 21:04
1,1,1-Trichloroethane	ND	0.0050	1	12/11/2014 21:04
1,1,2-Trichloroethane	ND	0.0050	1	12/11/2014 21:04
Trichloroethene	ND	0.0050	1	12/11/2014 21:04
Trichlorofluoromethane	ND	0.0050	1	12/11/2014 21:04
1,2,3-Trichloropropane	ND	0.0050	1	12/11/2014 21:04
1,2,4-Trimethylbenzene	ND	0.0050	1	12/11/2014 21:04
1,3,5-Trimethylbenzene	ND	0.0050	1	12/11/2014 21:04
Vinyl Chloride	ND	0.0050	1	12/11/2014 21:04
Xylenes, Total	ND	0.0050	1	12/11/2014 21:04

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8260B
Date Prepared:	12/8/14	**Unit:**	mg/kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-6-3.5	**1412363-006A**	**Soil**	**12/06/2014**	**GC28**	**98690**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	101	70-130		12/11/2014 21:04
Toluene-d8	112	70-130		12/11/2014 21:04
4-BFB	104	70-130		12/11/2014 21:04

Analyst(s): KBO

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8260B
Date Prepared:	12/8/14	**Unit:**	mg/kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-7-5.5	1412363-011A	Soil	12/06/2014	GC28	98690

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	12/11/2014 21:43
tert-Amyl methyl ether (TAME)	ND	0.0050	1	12/11/2014 21:43
Benzene	ND	0.0050	1	12/11/2014 21:43
Bromobenzene	ND	0.0050	1	12/11/2014 21:43
Bromochloromethane	ND	0.0050	1	12/11/2014 21:43
Bromodichloromethane	ND	0.0050	1	12/11/2014 21:43
Bromoform	ND	0.0050	1	12/11/2014 21:43
Bromomethane	ND	0.0050	1	12/11/2014 21:43
2-Butanone (MEK)	ND	0.020	1	12/11/2014 21:43
t-Butyl alcohol (TBA)	ND	0.050	1	12/11/2014 21:43
n-Butyl benzene	ND	0.0050	1	12/11/2014 21:43
sec-Butyl benzene	ND	0.0050	1	12/11/2014 21:43
tert-Butyl benzene	ND	0.0050	1	12/11/2014 21:43
Carbon Disulfide	ND	0.0050	1	12/11/2014 21:43
Carbon Tetrachloride	ND	0.0050	1	12/11/2014 21:43
Chlorobenzene	ND	0.0050	1	12/11/2014 21:43
Chloroethane	ND	0.0050	1	12/11/2014 21:43
Chloroform	ND	0.0050	1	12/11/2014 21:43
Chloromethane	ND	0.0050	1	12/11/2014 21:43
2-Chlorotoluene	ND	0.0050	1	12/11/2014 21:43
4-Chlorotoluene	ND	0.0050	1	12/11/2014 21:43
Dibromochloromethane	ND	0.0050	1	12/11/2014 21:43
1,2-Dibromo-3-chloropropane	ND	0.0040	1	12/11/2014 21:43
1,2-Dibromoethane (EDB)	ND	0.0040	1	12/11/2014 21:43
Dibromomethane	ND	0.0050	1	12/11/2014 21:43
1,2-Dichlorobenzene	ND	0.0050	1	12/11/2014 21:43
1,3-Dichlorobenzene	ND	0.0050	1	12/11/2014 21:43
1,4-Dichlorobenzene	ND	0.0050	1	12/11/2014 21:43
Dichlorodifluoromethane	ND	0.0050	1	12/11/2014 21:43
1,1-Dichloroethane	ND	0.0050	1	12/11/2014 21:43
1,2-Dichloroethane (1,2-DCA)	ND	0.0040	1	12/11/2014 21:43
1,1-Dichloroethene	ND	0.0050	1	12/11/2014 21:43
cis-1,2-Dichloroethene	ND	0.0050	1	12/11/2014 21:43
trans-1,2-Dichloroethene	ND	0.0050	1	12/11/2014 21:43
1,2-Dichloropropane	ND	0.0050	1	12/11/2014 21:43
1,3-Dichloropropane	ND	0.0050	1	12/11/2014 21:43
2,2-Dichloropropane	ND	0.0050	1	12/11/2014 21:43
1,1-Dichloropropene	ND	0.0050	1	12/11/2014 21:43

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8260B
Date Prepared:	12/8/14	**Unit:**	mg/kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-7-5.5	**1412363-011A**	**Soil**	**12/06/2014**	**GC28**	**98690**

Analytes	Result	RL	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	0.0050	1	12/11/2014 21:43
trans-1,3-Dichloropropene	ND	0.0050	1	12/11/2014 21:43
Diisopropyl ether (DIPE)	ND	0.0050	1	12/11/2014 21:43
Ethylbenzene	ND	0.0050	1	12/11/2014 21:43
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	12/11/2014 21:43
Freon 113	ND	0.10	1	12/11/2014 21:43
Hexachlorobutadiene	ND	0.0050	1	12/11/2014 21:43
Hexachloroethane	ND	0.0050	1	12/11/2014 21:43
2-Hexanone	ND	0.0050	1	12/11/2014 21:43
Isopropylbenzene	ND	0.0050	1	12/11/2014 21:43
4-Isopropyl toluene	ND	0.0050	1	12/11/2014 21:43
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	12/11/2014 21:43
Methylene chloride	ND	0.0050	1	12/11/2014 21:43
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	12/11/2014 21:43
Naphthalene	ND	0.0050	1	12/11/2014 21:43
n-Propyl benzene	ND	0.0050	1	12/11/2014 21:43
Styrene	ND	0.0050	1	12/11/2014 21:43
1,1,1,2-Tetrachloroethane	ND	0.0050	1	12/11/2014 21:43
1,1,2,2-Tetrachloroethane	ND	0.0050	1	12/11/2014 21:43
Tetrachloroethene	ND	0.0050	1	12/11/2014 21:43
Toluene	ND	0.0050	1	12/11/2014 21:43
1,2,3-Trichlorobenzene	ND	0.0050	1	12/11/2014 21:43
1,2,4-Trichlorobenzene	ND	0.0050	1	12/11/2014 21:43
1,1,1-Trichloroethane	ND	0.0050	1	12/11/2014 21:43
1,1,2-Trichloroethane	ND	0.0050	1	12/11/2014 21:43
Trichloroethene	ND	0.0050	1	12/11/2014 21:43
Trichlorofluoromethane	ND	0.0050	1	12/11/2014 21:43
1,2,3-Trichloropropane	ND	0.0050	1	12/11/2014 21:43
1,2,4-Trimethylbenzene	ND	0.0050	1	12/11/2014 21:43
1,3,5-Trimethylbenzene	ND	0.0050	1	12/11/2014 21:43
Vinyl Chloride	ND	0.0050	1	12/11/2014 21:43
Xylenes, Total	ND	0.0050	1	12/11/2014 21:43

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8260B
Date Prepared:	12/8/14	**Unit:**	mg/kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-7-5.5	**1412363-011A**	**Soil**	**12/06/2014**	**GC28**	**98690**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	104	70-130		12/11/2014 21:43
Toluene-d8	109	70-130		12/11/2014 21:43
4-BFB	102	70-130		12/11/2014 21:43

Analyst(s): KBO

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8260B
Date Prepared:	12/8/14	**Unit:**	mg/kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-7-8.5	1412363-012A	Soil	12/06/2014	GC28	98690

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	12/11/2014 22:21
tert-Amyl methyl ether (TAME)	ND	0.0050	1	12/11/2014 22:21
Benzene	ND	0.0050	1	12/11/2014 22:21
Bromobenzene	ND	0.0050	1	12/11/2014 22:21
Bromochloromethane	ND	0.0050	1	12/11/2014 22:21
Bromodichloromethane	ND	0.0050	1	12/11/2014 22:21
Bromoform	ND	0.0050	1	12/11/2014 22:21
Bromomethane	ND	0.0050	1	12/11/2014 22:21
2-Butanone (MEK)	ND	0.020	1	12/11/2014 22:21
t-Butyl alcohol (TBA)	ND	0.050	1	12/11/2014 22:21
n-Butyl benzene	ND	0.0050	1	12/11/2014 22:21
sec-Butyl benzene	ND	0.0050	1	12/11/2014 22:21
tert-Butyl benzene	ND	0.0050	1	12/11/2014 22:21
Carbon Disulfide	ND	0.0050	1	12/11/2014 22:21
Carbon Tetrachloride	ND	0.0050	1	12/11/2014 22:21
Chlorobenzene	ND	0.0050	1	12/11/2014 22:21
Chloroethane	ND	0.0050	1	12/11/2014 22:21
Chloroform	ND	0.0050	1	12/11/2014 22:21
Chloromethane	ND	0.0050	1	12/11/2014 22:21
2-Chlorotoluene	ND	0.0050	1	12/11/2014 22:21
4-Chlorotoluene	ND	0.0050	1	12/11/2014 22:21
Dibromochloromethane	ND	0.0050	1	12/11/2014 22:21
1,2-Dibromo-3-chloropropane	ND	0.0040	1	12/11/2014 22:21
1,2-Dibromoethane (EDB)	ND	0.0040	1	12/11/2014 22:21
Dibromomethane	ND	0.0050	1	12/11/2014 22:21
1,2-Dichlorobenzene	ND	0.0050	1	12/11/2014 22:21
1,3-Dichlorobenzene	ND	0.0050	1	12/11/2014 22:21
1,4-Dichlorobenzene	ND	0.0050	1	12/11/2014 22:21
Dichlorodifluoromethane	ND	0.0050	1	12/11/2014 22:21
1,1-Dichloroethane	ND	0.0050	1	12/11/2014 22:21
1,2-Dichloroethane (1,2-DCA)	ND	0.0040	1	12/11/2014 22:21
1,1-Dichloroethene	ND	0.0050	1	12/11/2014 22:21
cis-1,2-Dichloroethene	ND	0.0050	1	12/11/2014 22:21
trans-1,2-Dichloroethene	ND	0.0050	1	12/11/2014 22:21
1,2-Dichloropropane	ND	0.0050	1	12/11/2014 22:21
1,3-Dichloropropane	ND	0.0050	1	12/11/2014 22:21
2,2-Dichloropropane	ND	0.0050	1	12/11/2014 22:21
1,1-Dichloropropene	ND	0.0050	1	12/11/2014 22:21

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8260B
Date Prepared:	12/8/14	**Unit:**	mg/kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-7-8.5	1412363-012A	Soil	12/06/2014	GC28	98690

Analytes	Result	RL	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	0.0050	1	12/11/2014 22:21
trans-1,3-Dichloropropene	ND	0.0050	1	12/11/2014 22:21
Diisopropyl ether (DIPE)	ND	0.0050	1	12/11/2014 22:21
Ethylbenzene	ND	0.0050	1	12/11/2014 22:21
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	12/11/2014 22:21
Freon 113	ND	0.10	1	12/11/2014 22:21
Hexachlorobutadiene	ND	0.0050	1	12/11/2014 22:21
Hexachloroethane	ND	0.0050	1	12/11/2014 22:21
2-Hexanone	ND	0.0050	1	12/11/2014 22:21
Isopropylbenzene	ND	0.0050	1	12/11/2014 22:21
4-Isopropyl toluene	ND	0.0050	1	12/11/2014 22:21
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	12/11/2014 22:21
Methylene chloride	ND	0.0050	1	12/11/2014 22:21
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	12/11/2014 22:21
Naphthalene	ND	0.0050	1	12/11/2014 22:21
n-Propyl benzene	ND	0.0050	1	12/11/2014 22:21
Styrene	ND	0.0050	1	12/11/2014 22:21
1,1,1,2-Tetrachloroethane	ND	0.0050	1	12/11/2014 22:21
1,1,2,2-Tetrachloroethane	ND	0.0050	1	12/11/2014 22:21
Tetrachloroethene	ND	0.0050	1	12/11/2014 22:21
Toluene	ND	0.0050	1	12/11/2014 22:21
1,2,3-Trichlorobenzene	ND	0.0050	1	12/11/2014 22:21
1,2,4-Trichlorobenzene	ND	0.0050	1	12/11/2014 22:21
1,1,1-Trichloroethane	ND	0.0050	1	12/11/2014 22:21
1,1,2-Trichloroethane	ND	0.0050	1	12/11/2014 22:21
Trichloroethene	ND	0.0050	1	12/11/2014 22:21
Trichlorofluoromethane	ND	0.0050	1	12/11/2014 22:21
1,2,3-Trichloropropane	ND	0.0050	1	12/11/2014 22:21
1,2,4-Trimethylbenzene	ND	0.0050	1	12/11/2014 22:21
1,3,5-Trimethylbenzene	ND	0.0050	1	12/11/2014 22:21
Vinyl Chloride	ND	0.0050	1	12/11/2014 22:21
Xylenes, Total	ND	0.0050	1	12/11/2014 22:21

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8260B
Date Prepared:	12/8/14	**Unit:**	mg/kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-7-8.5	**1412363-012A**	**Soil**	**12/06/2014**	**GC28**	**98690**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	104	70-130		12/11/2014 22:21
Toluene-d8	112	70-130		12/11/2014 22:21
4-BFB	101	70-130		12/11/2014 22:21

Analyst(s): KBO

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8260B
Date Prepared:	12/8/14	**Unit:**	mg/kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-1.5	1412363-013A	Soil	12/06/2014	GC28	98690

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	12/11/2014 22:58
tert-Amyl methyl ether (TAME)	ND	0.0050	1	12/11/2014 22:58
Benzene	ND	0.0050	1	12/11/2014 22:58
Bromobenzene	ND	0.0050	1	12/11/2014 22:58
Bromochloromethane	ND	0.0050	1	12/11/2014 22:58
Bromodichloromethane	ND	0.0050	1	12/11/2014 22:58
Bromoform	ND	0.0050	1	12/11/2014 22:58
Bromomethane	ND	0.0050	1	12/11/2014 22:58
2-Butanone (MEK)	ND	0.020	1	12/11/2014 22:58
t-Butyl alcohol (TBA)	ND	0.050	1	12/11/2014 22:58
n-Butyl benzene	ND	0.0050	1	12/11/2014 22:58
sec-Butyl benzene	ND	0.0050	1	12/11/2014 22:58
tert-Butyl benzene	ND	0.0050	1	12/11/2014 22:58
Carbon Disulfide	ND	0.0050	1	12/11/2014 22:58
Carbon Tetrachloride	ND	0.0050	1	12/11/2014 22:58
Chlorobenzene	ND	0.0050	1	12/11/2014 22:58
Chloroethane	ND	0.0050	1	12/11/2014 22:58
Chloroform	ND	0.0050	1	12/11/2014 22:58
Chloromethane	ND	0.0050	1	12/11/2014 22:58
2-Chlorotoluene	ND	0.0050	1	12/11/2014 22:58
4-Chlorotoluene	ND	0.0050	1	12/11/2014 22:58
Dibromochloromethane	ND	0.0050	1	12/11/2014 22:58
1,2-Dibromo-3-chloropropane	ND	0.0040	1	12/11/2014 22:58
1,2-Dibromoethane (EDB)	ND	0.0040	1	12/11/2014 22:58
Dibromomethane	ND	0.0050	1	12/11/2014 22:58
1,2-Dichlorobenzene	ND	0.0050	1	12/11/2014 22:58
1,3-Dichlorobenzene	ND	0.0050	1	12/11/2014 22:58
1,4-Dichlorobenzene	ND	0.0050	1	12/11/2014 22:58
Dichlorodifluoromethane	ND	0.0050	1	12/11/2014 22:58
1,1-Dichloroethane	ND	0.0050	1	12/11/2014 22:58
1,2-Dichloroethane (1,2-DCA)	ND	0.0040	1	12/11/2014 22:58
1,1-Dichloroethene	ND	0.0050	1	12/11/2014 22:58
cis-1,2-Dichloroethene	ND	0.0050	1	12/11/2014 22:58
trans-1,2-Dichloroethene	ND	0.0050	1	12/11/2014 22:58
1,2-Dichloropropane	ND	0.0050	1	12/11/2014 22:58
1,3-Dichloropropane	ND	0.0050	1	12/11/2014 22:58
2,2-Dichloropropane	ND	0.0050	1	12/11/2014 22:58
1,1-Dichloropropene	ND	0.0050	1	12/11/2014 22:58

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8260B
Date Prepared:	12/8/14	**Unit:**	mg/kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-1.5	**1412363-013A**	**Soil**	**12/06/2014**	**GC28**	**98690**

Analytes	Result	RL	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	0.0050	1	12/11/2014 22:58
trans-1,3-Dichloropropene	ND	0.0050	1	12/11/2014 22:58
Diisopropyl ether (DIPE)	ND	0.0050	1	12/11/2014 22:58
Ethylbenzene	ND	0.0050	1	12/11/2014 22:58
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	12/11/2014 22:58
Freon 113	ND	0.10	1	12/11/2014 22:58
Hexachlorobutadiene	ND	0.0050	1	12/11/2014 22:58
Hexachloroethane	ND	0.0050	1	12/11/2014 22:58
2-Hexanone	ND	0.0050	1	12/11/2014 22:58
Isopropylbenzene	ND	0.0050	1	12/11/2014 22:58
4-Isopropyl toluene	ND	0.0050	1	12/11/2014 22:58
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	12/11/2014 22:58
Methylene chloride	ND	0.0050	1	12/11/2014 22:58
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	12/11/2014 22:58
Naphthalene	ND	0.0050	1	12/11/2014 22:58
n-Propyl benzene	ND	0.0050	1	12/11/2014 22:58
Styrene	ND	0.0050	1	12/11/2014 22:58
1,1,1,2-Tetrachloroethane	ND	0.0050	1	12/11/2014 22:58
1,1,2,2-Tetrachloroethane	ND	0.0050	1	12/11/2014 22:58
Tetrachloroethene	ND	0.0050	1	12/11/2014 22:58
Toluene	ND	0.0050	1	12/11/2014 22:58
1,2,3-Trichlorobenzene	ND	0.0050	1	12/11/2014 22:58
1,2,4-Trichlorobenzene	ND	0.0050	1	12/11/2014 22:58
1,1,1-Trichloroethane	ND	0.0050	1	12/11/2014 22:58
1,1,2-Trichloroethane	ND	0.0050	1	12/11/2014 22:58
Trichloroethene	ND	0.0050	1	12/11/2014 22:58
Trichlorofluoromethane	ND	0.0050	1	12/11/2014 22:58
1,2,3-Trichloropropane	ND	0.0050	1	12/11/2014 22:58
1,2,4-Trimethylbenzene	ND	0.0050	1	12/11/2014 22:58
1,3,5-Trimethylbenzene	ND	0.0050	1	12/11/2014 22:58
Vinyl Chloride	ND	0.0050	1	12/11/2014 22:58
Xylenes, Total	ND	0.0050	1	12/11/2014 22:58

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8260B
Date Prepared:	12/8/14	**Unit:**	mg/kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-1.5	**1412363-013A**	**Soil**	**12/06/2014**	**GC28**	**98690**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	102	70-130		12/11/2014 22:58
Toluene-d8	111	70-130		12/11/2014 22:58
4-BFB	101	70-130		12/11/2014 22:58

Analyst(s): KBO

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8260B
Date Prepared:	12/8/14	**Unit:**	mg/kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-3.0	1412363-014A	Soil	12/06/2014	GC28	98690

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	12/11/2014 23:36
tert-Amyl methyl ether (TAME)	ND	0.0050	1	12/11/2014 23:36
Benzene	ND	0.0050	1	12/11/2014 23:36
Bromobenzene	ND	0.0050	1	12/11/2014 23:36
Bromochloromethane	ND	0.0050	1	12/11/2014 23:36
Bromodichloromethane	ND	0.0050	1	12/11/2014 23:36
Bromoform	ND	0.0050	1	12/11/2014 23:36
Bromomethane	ND	0.0050	1	12/11/2014 23:36
2-Butanone (MEK)	ND	0.020	1	12/11/2014 23:36
t-Butyl alcohol (TBA)	ND	0.050	1	12/11/2014 23:36
n-Butyl benzene	ND	0.0050	1	12/11/2014 23:36
sec-Butyl benzene	ND	0.0050	1	12/11/2014 23:36
tert-Butyl benzene	ND	0.0050	1	12/11/2014 23:36
Carbon Disulfide	ND	0.0050	1	12/11/2014 23:36
Carbon Tetrachloride	ND	0.0050	1	12/11/2014 23:36
Chlorobenzene	ND	0.0050	1	12/11/2014 23:36
Chloroethane	ND	0.0050	1	12/11/2014 23:36
Chloroform	ND	0.0050	1	12/11/2014 23:36
Chloromethane	ND	0.0050	1	12/11/2014 23:36
2-Chlorotoluene	ND	0.0050	1	12/11/2014 23:36
4-Chlorotoluene	ND	0.0050	1	12/11/2014 23:36
Dibromochloromethane	ND	0.0050	1	12/11/2014 23:36
1,2-Dibromo-3-chloropropane	ND	0.0040	1	12/11/2014 23:36
1,2-Dibromoethane (EDB)	ND	0.0040	1	12/11/2014 23:36
Dibromomethane	ND	0.0050	1	12/11/2014 23:36
1,2-Dichlorobenzene	ND	0.0050	1	12/11/2014 23:36
1,3-Dichlorobenzene	ND	0.0050	1	12/11/2014 23:36
1,4-Dichlorobenzene	ND	0.0050	1	12/11/2014 23:36
Dichlorodifluoromethane	ND	0.0050	1	12/11/2014 23:36
1,1-Dichloroethane	ND	0.0050	1	12/11/2014 23:36
1,2-Dichloroethane (1,2-DCA)	ND	0.0040	1	12/11/2014 23:36
1,1-Dichloroethene	ND	0.0050	1	12/11/2014 23:36
cis-1,2-Dichloroethene	ND	0.0050	1	12/11/2014 23:36
trans-1,2-Dichloroethene	ND	0.0050	1	12/11/2014 23:36
1,2-Dichloropropane	ND	0.0050	1	12/11/2014 23:36
1,3-Dichloropropane	ND	0.0050	1	12/11/2014 23:36
2,2-Dichloropropane	ND	0.0050	1	12/11/2014 23:36
1,1-Dichloropropene	ND	0.0050	1	12/11/2014 23:36

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8260B
Date Prepared:	12/8/14	**Unit:**	mg/kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-3.0	**1412363-014A**	**Soil**	**12/06/2014**	**GC28**	**98690**

Analytes	Result	RL	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	0.0050	1	12/11/2014 23:36
trans-1,3-Dichloropropene	ND	0.0050	1	12/11/2014 23:36
Diisopropyl ether (DIPE)	ND	0.0050	1	12/11/2014 23:36
Ethylbenzene	ND	0.0050	1	12/11/2014 23:36
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	12/11/2014 23:36
Freon 113	ND	0.10	1	12/11/2014 23:36
Hexachlorobutadiene	ND	0.0050	1	12/11/2014 23:36
Hexachloroethane	ND	0.0050	1	12/11/2014 23:36
2-Hexanone	ND	0.0050	1	12/11/2014 23:36
Isopropylbenzene	ND	0.0050	1	12/11/2014 23:36
4-Isopropyl toluene	ND	0.0050	1	12/11/2014 23:36
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	12/11/2014 23:36
Methylene chloride	ND	0.0050	1	12/11/2014 23:36
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	12/11/2014 23:36
Naphthalene	**0.029**	0.0050	1	12/11/2014 23:36
n-Propyl benzene	ND	0.0050	1	12/11/2014 23:36
Styrene	ND	0.0050	1	12/11/2014 23:36
1,1,1,2-Tetrachloroethane	ND	0.0050	1	12/11/2014 23:36
1,1,2,2-Tetrachloroethane	ND	0.0050	1	12/11/2014 23:36
Tetrachloroethene	ND	0.0050	1	12/11/2014 23:36
Toluene	ND	0.0050	1	12/11/2014 23:36
1,2,3-Trichlorobenzene	ND	0.0050	1	12/11/2014 23:36
1,2,4-Trichlorobenzene	ND	0.0050	1	12/11/2014 23:36
1,1,1-Trichloroethane	ND	0.0050	1	12/11/2014 23:36
1,1,2-Trichloroethane	ND	0.0050	1	12/11/2014 23:36
Trichloroethene	ND	0.0050	1	12/11/2014 23:36
Trichlorofluoromethane	ND	0.0050	1	12/11/2014 23:36
1,2,3-Trichloropropane	ND	0.0050	1	12/11/2014 23:36
1,2,4-Trimethylbenzene	ND	0.0050	1	12/11/2014 23:36
1,3,5-Trimethylbenzene	ND	0.0050	1	12/11/2014 23:36
Vinyl Chloride	ND	0.0050	1	12/11/2014 23:36
Xylenes, Total	ND	0.0050	1	12/11/2014 23:36

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8260B
Date Prepared:	12/8/14	**Unit:**	mg/kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-3.0	**1412363-014A**	**Soil**	**12/06/2014**	**GC28**	**98690**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	105	70-130		12/11/2014 23:36
Toluene-d8	109	70-130		12/11/2014 23:36
4-BFB	102	70-130		12/11/2014 23:36

Analyst(s): KBO

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8260B
Date Prepared:	12/8/14	**Unit:**	mg/kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-8.0	**1412363-016A**	**Soil**	**12/06/2014**	**GC10**	**98701**

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	12/10/2014 13:58
tert-Amyl methyl ether (TAME)	ND	0.0050	1	12/10/2014 13:58
Benzene	ND	0.0050	1	12/10/2014 13:58
Bromobenzene	ND	0.0050	1	12/10/2014 13:58
Bromochloromethane	ND	0.0050	1	12/10/2014 13:58
Bromodichloromethane	ND	0.0050	1	12/10/2014 13:58
Bromoform	ND	0.0050	1	12/10/2014 13:58
Bromomethane	ND	0.0050	1	12/10/2014 13:58
2-Butanone (MEK)	ND	0.020	1	12/10/2014 13:58
t-Butyl alcohol (TBA)	ND	0.050	1	12/10/2014 13:58
n-Butyl benzene	ND	0.0050	1	12/10/2014 13:58
sec-Butyl benzene	ND	0.0050	1	12/10/2014 13:58
tert-Butyl benzene	ND	0.0050	1	12/10/2014 13:58
Carbon Disulfide	ND	0.0050	1	12/10/2014 13:58
Carbon Tetrachloride	ND	0.0050	1	12/10/2014 13:58
Chlorobenzene	ND	0.0050	1	12/10/2014 13:58
Chloroethane	ND	0.0050	1	12/10/2014 13:58
Chloroform	ND	0.0050	1	12/10/2014 13:58
Chloromethane	ND	0.0050	1	12/10/2014 13:58
2-Chlorotoluene	ND	0.0050	1	12/10/2014 13:58
4-Chlorotoluene	ND	0.0050	1	12/10/2014 13:58
Dibromochloromethane	ND	0.0050	1	12/10/2014 13:58
1,2-Dibromo-3-chloropropane	ND	0.0040	1	12/10/2014 13:58
1,2-Dibromoethane (EDB)	ND	0.0040	1	12/10/2014 13:58
Dibromomethane	ND	0.0050	1	12/10/2014 13:58
1,2-Dichlorobenzene	ND	0.0050	1	12/10/2014 13:58
1,3-Dichlorobenzene	ND	0.0050	1	12/10/2014 13:58
1,4-Dichlorobenzene	ND	0.0050	1	12/10/2014 13:58
Dichlorodifluoromethane	ND	0.0050	1	12/10/2014 13:58
1,1-Dichloroethane	ND	0.0050	1	12/10/2014 13:58
1,2-Dichloroethane (1,2-DCA)	ND	0.0040	1	12/10/2014 13:58
1,1-Dichloroethene	ND	0.0050	1	12/10/2014 13:58
cis-1,2-Dichloroethene	ND	0.0050	1	12/10/2014 13:58
trans-1,2-Dichloroethene	ND	0.0050	1	12/10/2014 13:58
1,2-Dichloropropane	ND	0.0050	1	12/10/2014 13:58
1,3-Dichloropropane	ND	0.0050	1	12/10/2014 13:58
2,2-Dichloropropane	ND	0.0050	1	12/10/2014 13:58
1,1-Dichloropropene	ND	0.0050	1	12/10/2014 13:58

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8260B
Date Prepared:	12/8/14	**Unit:**	mg/kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-8.0	**1412363-016A**	**Soil**	**12/06/2014**	**GC10**	**98701**

Analytes	Result	RL	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	0.0050	1	12/10/2014 13:58
trans-1,3-Dichloropropene	ND	0.0050	1	12/10/2014 13:58
Diisopropyl ether (DIPE)	ND	0.0050	1	12/10/2014 13:58
Ethylbenzene	ND	0.0050	1	12/10/2014 13:58
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	12/10/2014 13:58
Freon 113	ND	0.10	1	12/10/2014 13:58
Hexachlorobutadiene	ND	0.0050	1	12/10/2014 13:58
Hexachloroethane	ND	0.0050	1	12/10/2014 13:58
2-Hexanone	ND	0.0050	1	12/10/2014 13:58
Isopropylbenzene	ND	0.0050	1	12/10/2014 13:58
4-Isopropyl toluene	ND	0.0050	1	12/10/2014 13:58
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	12/10/2014 13:58
Methylene chloride	ND	0.0050	1	12/10/2014 13:58
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	12/10/2014 13:58
Naphthalene	ND	0.0050	1	12/10/2014 13:58
n-Propyl benzene	ND	0.0050	1	12/10/2014 13:58
Styrene	ND	0.0050	1	12/10/2014 13:58
1,1,1,2-Tetrachloroethane	ND	0.0050	1	12/10/2014 13:58
1,1,2,2-Tetrachloroethane	ND	0.0050	1	12/10/2014 13:58
Tetrachloroethene	ND	0.0050	1	12/10/2014 13:58
Toluene	ND	0.0050	1	12/10/2014 13:58
1,2,3-Trichlorobenzene	ND	0.0050	1	12/10/2014 13:58
1,2,4-Trichlorobenzene	ND	0.0050	1	12/10/2014 13:58
1,1,1-Trichloroethane	ND	0.0050	1	12/10/2014 13:58
1,1,2-Trichloroethane	ND	0.0050	1	12/10/2014 13:58
Trichloroethene	ND	0.0050	1	12/10/2014 13:58
Trichlorofluoromethane	ND	0.0050	1	12/10/2014 13:58
1,2,3-Trichloropropane	ND	0.0050	1	12/10/2014 13:58
1,2,4-Trimethylbenzene	ND	0.0050	1	12/10/2014 13:58
1,3,5-Trimethylbenzene	ND	0.0050	1	12/10/2014 13:58
Vinyl Chloride	ND	0.0050	1	12/10/2014 13:58
Xylenes, Total	ND	0.0050	1	12/10/2014 13:58

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8260B
Date Prepared:	12/8/14	**Unit:**	mg/kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-8.0	**1412363-016A**	**Soil**	**12/06/2014**	**GC10**	**98701**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	99	70-130		12/10/2014 13:58
Toluene-d8	100	70-130		12/10/2014 13:58
4-BFB	88	70-130		12/10/2014 13:58

Analyst(s): KF

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8260B
Date Prepared:	12/10/14	**Unit:**	µg/L

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-5-GW	**1412363-017B**	**Water**	**12/06/2014**	**GC28**	**98836**

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	12/10/2014 12:52
tert-Amyl methyl ether (TAME)	ND	0.50	1	12/10/2014 12:52
Benzene	ND	0.50	1	12/10/2014 12:52
Bromobenzene	ND	0.50	1	12/10/2014 12:52
Bromochloromethane	ND	0.50	1	12/10/2014 12:52
Bromodichloromethane	ND	0.50	1	12/10/2014 12:52
Bromoform	ND	0.50	1	12/10/2014 12:52
Bromomethane	ND	0.50	1	12/10/2014 12:52
2-Butanone (MEK)	ND	2.0	1	12/10/2014 12:52
t-Butyl alcohol (TBA)	ND	2.0	1	12/10/2014 12:52
n-Butyl benzene	ND	0.50	1	12/10/2014 12:52
sec-Butyl benzene	ND	0.50	1	12/10/2014 12:52
tert-Butyl benzene	ND	0.50	1	12/10/2014 12:52
Carbon Disulfide	ND	0.50	1	12/10/2014 12:52
Carbon Tetrachloride	ND	0.50	1	12/10/2014 12:52
Chlorobenzene	ND	0.50	1	12/10/2014 12:52
Chloroethane	ND	0.50	1	12/10/2014 12:52
Chloroform	ND	0.50	1	12/10/2014 12:52
Chloromethane	ND	0.50	1	12/10/2014 12:52
2-Chlorotoluene	ND	0.50	1	12/10/2014 12:52
4-Chlorotoluene	ND	0.50	1	12/10/2014 12:52
Dibromochloromethane	ND	0.50	1	12/10/2014 12:52
1,2-Dibromo-3-chloropropane	ND	0.20	1	12/10/2014 12:52
1,2-Dibromoethane (EDB)	ND	0.50	1	12/10/2014 12:52
Dibromomethane	ND	0.50	1	12/10/2014 12:52
1,2-Dichlorobenzene	ND	0.50	1	12/10/2014 12:52
1,3-Dichlorobenzene	ND	0.50	1	12/10/2014 12:52
1,4-Dichlorobenzene	ND	0.50	1	12/10/2014 12:52
Dichlorodifluoromethane	ND	0.50	1	12/10/2014 12:52
1,1-Dichloroethane	ND	0.50	1	12/10/2014 12:52
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	12/10/2014 12:52
1,1-Dichloroethene	ND	0.50	1	12/10/2014 12:52
cis-1,2-Dichloroethene	ND	0.50	1	12/10/2014 12:52
trans-1,2-Dichloroethene	ND	0.50	1	12/10/2014 12:52
1,2-Dichloropropane	ND	0.50	1	12/10/2014 12:52
1,3-Dichloropropane	ND	0.50	1	12/10/2014 12:52
2,2-Dichloropropane	ND	0.50	1	12/10/2014 12:52
1,1-Dichloropropene	ND	0.50	1	12/10/2014 12:52

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8260B
Date Prepared:	12/10/14	**Unit:**	µg/L

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-5-GW	**1412363-017B**	**Water**	**12/06/2014**	**GC28**	**98836**

Analytes	Result	RL	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	0.50	1	12/10/2014 12:52
trans-1,3-Dichloropropene	ND	0.50	1	12/10/2014 12:52
Diisopropyl ether (DIPE)	ND	0.50	1	12/10/2014 12:52
Ethylbenzene	ND	0.50	1	12/10/2014 12:52
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	12/10/2014 12:52
Freon 113	ND	0.50	1	12/10/2014 12:52
Hexachlorobutadiene	ND	0.50	1	12/10/2014 12:52
Hexachloroethane	ND	0.50	1	12/10/2014 12:52
2-Hexanone	ND	0.50	1	12/10/2014 12:52
Isopropylbenzene	ND	0.50	1	12/10/2014 12:52
4-Isopropyl toluene	ND	0.50	1	12/10/2014 12:52
Methyl-t-butyl ether (MTBE)	ND	0.50	1	12/10/2014 12:52
Methylene chloride	ND	0.50	1	12/10/2014 12:52
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	12/10/2014 12:52
Naphthalene	ND	0.50	1	12/10/2014 12:52
n-Propyl benzene	ND	0.50	1	12/10/2014 12:52
Styrene	ND	0.50	1	12/10/2014 12:52
1,1,1,2-Tetrachloroethane	ND	0.50	1	12/10/2014 12:52
1,1,2,2-Tetrachloroethane	ND	0.50	1	12/10/2014 12:52
Tetrachloroethene	ND	0.50	1	12/10/2014 12:52
Toluene	ND	0.50	1	12/10/2014 12:52
1,2,3-Trichlorobenzene	ND	0.50	1	12/10/2014 12:52
1,2,4-Trichlorobenzene	ND	0.50	1	12/10/2014 12:52
1,1,1-Trichloroethane	ND	0.50	1	12/10/2014 12:52
1,1,2-Trichloroethane	ND	0.50	1	12/10/2014 12:52
Trichloroethene	ND	0.50	1	12/10/2014 12:52
Trichlorofluoromethane	ND	0.50	1	12/10/2014 12:52
1,2,3-Trichloropropane	ND	0.50	1	12/10/2014 12:52
1,2,4-Trimethylbenzene	ND	0.50	1	12/10/2014 12:52
1,3,5-Trimethylbenzene	ND	0.50	1	12/10/2014 12:52
Vinyl Chloride	ND	0.50	1	12/10/2014 12:52
Xylenes, Total	ND	0.50	1	12/10/2014 12:52

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8260B
Date Prepared:	12/10/14	**Unit:**	µg/L

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-5-GW	**1412363-017B**	**Water**	**12/06/2014**	**GC28**	**98836**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits	Analytical Comments: b1	
Dibromofluoromethane	100	73-131		12/10/2014 12:52
Toluene-d8	103	72-117		12/10/2014 12:52
4-BFB	96	74-116		12/10/2014 12:52

Analyst(s): AK

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8260B
Date Prepared:	12/10/14	**Unit:**	µg/L

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-7-GW	**1412363-018B**	**Water**	**12/06/2014**	**GC28**	**98836**

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	12/10/2014 13:31
tert-Amyl methyl ether (TAME)	ND	0.50	1	12/10/2014 13:31
Benzene	ND	0.50	1	12/10/2014 13:31
Bromobenzene	ND	0.50	1	12/10/2014 13:31
Bromochloromethane	ND	0.50	1	12/10/2014 13:31
Bromodichloromethane	ND	0.50	1	12/10/2014 13:31
Bromoform	ND	0.50	1	12/10/2014 13:31
Bromomethane	ND	0.50	1	12/10/2014 13:31
2-Butanone (MEK)	ND	2.0	1	12/10/2014 13:31
t-Butyl alcohol (TBA)	ND	2.0	1	12/10/2014 13:31
n-Butyl benzene	ND	0.50	1	12/10/2014 13:31
sec-Butyl benzene	ND	0.50	1	12/10/2014 13:31
tert-Butyl benzene	ND	0.50	1	12/10/2014 13:31
Carbon Disulfide	ND	0.50	1	12/10/2014 13:31
Carbon Tetrachloride	ND	0.50	1	12/10/2014 13:31
Chlorobenzene	ND	0.50	1	12/10/2014 13:31
Chloroethane	ND	0.50	1	12/10/2014 13:31
Chloroform	**1.8**	0.50	1	12/10/2014 13:31
Chloromethane	ND	0.50	1	12/10/2014 13:31
2-Chlorotoluene	ND	0.50	1	12/10/2014 13:31
4-Chlorotoluene	ND	0.50	1	12/10/2014 13:31
Dibromochloromethane	ND	0.50	1	12/10/2014 13:31
1,2-Dibromo-3-chloropropane	ND	0.20	1	12/10/2014 13:31
1,2-Dibromoethane (EDB)	ND	0.50	1	12/10/2014 13:31
Dibromomethane	ND	0.50	1	12/10/2014 13:31
1,2-Dichlorobenzene	ND	0.50	1	12/10/2014 13:31
1,3-Dichlorobenzene	ND	0.50	1	12/10/2014 13:31
1,4-Dichlorobenzene	ND	0.50	1	12/10/2014 13:31
Dichlorodifluoromethane	ND	0.50	1	12/10/2014 13:31
1,1-Dichloroethane	ND	0.50	1	12/10/2014 13:31
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	12/10/2014 13:31
1,1-Dichloroethene	ND	0.50	1	12/10/2014 13:31
cis-1,2-Dichloroethene	ND	0.50	1	12/10/2014 13:31
trans-1,2-Dichloroethene	ND	0.50	1	12/10/2014 13:31
1,2-Dichloropropane	ND	0.50	1	12/10/2014 13:31
1,3-Dichloropropane	ND	0.50	1	12/10/2014 13:31
2,2-Dichloropropane	ND	0.50	1	12/10/2014 13:31
1,1-Dichloropropene	ND	0.50	1	12/10/2014 13:31

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8260B
Date Prepared:	12/10/14	**Unit:**	µg/L

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-7-GW	**1412363-018B**	**Water**	**12/06/2014**	**GC28**	**98836**

Analytes	Result	RL	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	0.50	1	12/10/2014 13:31
trans-1,3-Dichloropropene	ND	0.50	1	12/10/2014 13:31
Diisopropyl ether (DIPE)	ND	0.50	1	12/10/2014 13:31
Ethylbenzene	ND	0.50	1	12/10/2014 13:31
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	12/10/2014 13:31
Freon 113	ND	0.50	1	12/10/2014 13:31
Hexachlorobutadiene	ND	0.50	1	12/10/2014 13:31
Hexachloroethane	ND	0.50	1	12/10/2014 13:31
2-Hexanone	ND	0.50	1	12/10/2014 13:31
Isopropylbenzene	ND	0.50	1	12/10/2014 13:31
4-Isopropyl toluene	ND	0.50	1	12/10/2014 13:31
Methyl-t-butyl ether (MTBE)	ND	0.50	1	12/10/2014 13:31
Methylene chloride	ND	0.50	1	12/10/2014 13:31
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	12/10/2014 13:31
Naphthalene	ND	0.50	1	12/10/2014 13:31
n-Propyl benzene	ND	0.50	1	12/10/2014 13:31
Styrene	ND	0.50	1	12/10/2014 13:31
1,1,1,2-Tetrachloroethane	ND	0.50	1	12/10/2014 13:31
1,1,2,2-Tetrachloroethane	ND	0.50	1	12/10/2014 13:31
Tetrachloroethene	ND	0.50	1	12/10/2014 13:31
Toluene	**0.51**	0.50	1	12/10/2014 13:31
1,2,3-Trichlorobenzene	ND	0.50	1	12/10/2014 13:31
1,2,4-Trichlorobenzene	ND	0.50	1	12/10/2014 13:31
1,1,1-Trichloroethane	ND	0.50	1	12/10/2014 13:31
1,1,2-Trichloroethane	ND	0.50	1	12/10/2014 13:31
Trichloroethene	ND	0.50	1	12/10/2014 13:31
Trichlorofluoromethane	ND	0.50	1	12/10/2014 13:31
1,2,3-Trichloropropane	ND	0.50	1	12/10/2014 13:31
1,2,4-Trimethylbenzene	ND	0.50	1	12/10/2014 13:31
1,3,5-Trimethylbenzene	ND	0.50	1	12/10/2014 13:31
Vinyl Chloride	ND	0.50	1	12/10/2014 13:31
Xylenes, Total	ND	0.50	1	12/10/2014 13:31

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8260B
Date Prepared:	12/10/14	**Unit:**	µg/L

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-7-GW	**1412363-018B**	**Water**	**12/06/2014**	**GC28**	**98836**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits	Analytical Comments: b1	
Dibromofluoromethane	106	73-131		12/10/2014 13:31
Toluene-d8	102	72-117		12/10/2014 13:31
4-BFB	95	74-116		12/10/2014 13:31

Analyst(s): AK

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8260B
Date Prepared:	12/10/14	**Unit:**	µg/L

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-GW	**1412363-019B**	**Water**	**12/06/2014**	**GC28**	**98836**

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	12/10/2014 14:10
tert-Amyl methyl ether (TAME)	ND	0.50	1	12/10/2014 14:10
Benzene	ND	0.50	1	12/10/2014 14:10
Bromobenzene	ND	0.50	1	12/10/2014 14:10
Bromochloromethane	ND	0.50	1	12/10/2014 14:10
Bromodichloromethane	ND	0.50	1	12/10/2014 14:10
Bromoform	ND	0.50	1	12/10/2014 14:10
Bromomethane	ND	0.50	1	12/10/2014 14:10
2-Butanone (MEK)	ND	2.0	1	12/10/2014 14:10
t-Butyl alcohol (TBA)	ND	2.0	1	12/10/2014 14:10
n-Butyl benzene	ND	0.50	1	12/10/2014 14:10
sec-Butyl benzene	ND	0.50	1	12/10/2014 14:10
tert-Butyl benzene	ND	0.50	1	12/10/2014 14:10
Carbon Disulfide	ND	0.50	1	12/10/2014 14:10
Carbon Tetrachloride	ND	0.50	1	12/10/2014 14:10
Chlorobenzene	ND	0.50	1	12/10/2014 14:10
Chloroethane	ND	0.50	1	12/10/2014 14:10
Chloroform	**0.82**	0.50	1	12/10/2014 14:10
Chloromethane	ND	0.50	1	12/10/2014 14:10
2-Chlorotoluene	ND	0.50	1	12/10/2014 14:10
4-Chlorotoluene	ND	0.50	1	12/10/2014 14:10
Dibromochloromethane	ND	0.50	1	12/10/2014 14:10
1,2-Dibromo-3-chloropropane	ND	0.20	1	12/10/2014 14:10
1,2-Dibromoethane (EDB)	ND	0.50	1	12/10/2014 14:10
Dibromomethane	ND	0.50	1	12/10/2014 14:10
1,2-Dichlorobenzene	ND	0.50	1	12/10/2014 14:10
1,3-Dichlorobenzene	ND	0.50	1	12/10/2014 14:10
1,4-Dichlorobenzene	ND	0.50	1	12/10/2014 14:10
Dichlorodifluoromethane	ND	0.50	1	12/10/2014 14:10
1,1-Dichloroethane	ND	0.50	1	12/10/2014 14:10
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	12/10/2014 14:10
1,1-Dichloroethene	ND	0.50	1	12/10/2014 14:10
cis-1,2-Dichloroethene	ND	0.50	1	12/10/2014 14:10
trans-1,2-Dichloroethene	ND	0.50	1	12/10/2014 14:10
1,2-Dichloropropane	ND	0.50	1	12/10/2014 14:10
1,3-Dichloropropane	ND	0.50	1	12/10/2014 14:10
2,2-Dichloropropane	ND	0.50	1	12/10/2014 14:10
1,1-Dichloropropene	ND	0.50	1	12/10/2014 14:10

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8260B
Date Prepared:	12/10/14	**Unit:**	µg/L

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-GW	**1412363-019B**	**Water**	**12/06/2014**	**GC28**	**98836**

Analytes	Result	RL	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	0.50	1	12/10/2014 14:10
trans-1,3-Dichloropropene	ND	0.50	1	12/10/2014 14:10
Diisopropyl ether (DIPE)	ND	0.50	1	12/10/2014 14:10
Ethylbenzene	ND	0.50	1	12/10/2014 14:10
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	12/10/2014 14:10
Freon 113	ND	0.50	1	12/10/2014 14:10
Hexachlorobutadiene	ND	0.50	1	12/10/2014 14:10
Hexachloroethane	ND	0.50	1	12/10/2014 14:10
2-Hexanone	ND	0.50	1	12/10/2014 14:10
Isopropylbenzene	ND	0.50	1	12/10/2014 14:10
4-Isopropyl toluene	ND	0.50	1	12/10/2014 14:10
Methyl-t-butyl ether (MTBE)	ND	0.50	1	12/10/2014 14:10
Methylene chloride	ND	0.50	1	12/10/2014 14:10
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	12/10/2014 14:10
Naphthalene	ND	0.50	1	12/10/2014 14:10
n-Propyl benzene	ND	0.50	1	12/10/2014 14:10
Styrene	ND	0.50	1	12/10/2014 14:10
1,1,1,2-Tetrachloroethane	ND	0.50	1	12/10/2014 14:10
1,1,2,2-Tetrachloroethane	ND	0.50	1	12/10/2014 14:10
Tetrachloroethene	ND	0.50	1	12/10/2014 14:10
Toluene	ND	0.50	1	12/10/2014 14:10
1,2,3-Trichlorobenzene	ND	0.50	1	12/10/2014 14:10
1,2,4-Trichlorobenzene	ND	0.50	1	12/10/2014 14:10
1,1,1-Trichloroethane	ND	0.50	1	12/10/2014 14:10
1,1,2-Trichloroethane	ND	0.50	1	12/10/2014 14:10
Trichloroethene	ND	0.50	1	12/10/2014 14:10
Trichlorofluoromethane	ND	0.50	1	12/10/2014 14:10
1,2,3-Trichloropropane	ND	0.50	1	12/10/2014 14:10
1,2,4-Trimethylbenzene	ND	0.50	1	12/10/2014 14:10
1,3,5-Trimethylbenzene	ND	0.50	1	12/10/2014 14:10
Vinyl Chloride	ND	0.50	1	12/10/2014 14:10
Xylenes, Total	ND	0.50	1	12/10/2014 14:10

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8260B
Date Prepared:	12/10/14	**Unit:**	µg/L

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-GW	**1412363-019B**	**Water**	**12/06/2014**	**GC28**	**98836**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits	Analytical Comments: b1	
Dibromofluoromethane	106	73-131		12/10/2014 14:10
Toluene-d8	102	72-117		12/10/2014 14:10
4-BFB	95	74-116		12/10/2014 14:10

Analyst(s): AK

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8270C
Date Prepared:	12/9/14	**Unit:**	mg/Kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-5-2	1412363-001A	Soil	12/06/2014	GC17	98737

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.25	1	12/10/2014 01:21
Acenaphthylene	ND	0.25	1	12/10/2014 01:21
Acetochlor	ND	0.25	1	12/10/2014 01:21
Anthracene	ND	0.25	1	12/10/2014 01:21
Benzidine	ND	1.3	1	12/10/2014 01:21
Benzo (a) anthracene	ND	0.25	1	12/10/2014 01:21
Benzo (b) fluoranthene	ND	0.25	1	12/10/2014 01:21
Benzo (k) fluoranthene	ND	0.25	1	12/10/2014 01:21
Benzo (g,h,i) perylene	ND	0.25	1	12/10/2014 01:21
Benzo (a) pyrene	ND	0.25	1	12/10/2014 01:21
Benzyl Alcohol	ND	1.3	1	12/10/2014 01:21
1,1-Biphenyl	ND	0.25	1	12/10/2014 01:21
Bis (2-chloroethoxy) Methane	ND	0.25	1	12/10/2014 01:21
Bis (2-chloroethyl) Ether	ND	0.25	1	12/10/2014 01:21
Bis (2-chloroisopropyl) Ether	ND	0.25	1	12/10/2014 01:21
Bis (2-ethylhexyl) Adipate	ND	0.25	1	12/10/2014 01:21
Bis (2-ethylhexyl) Phthalate	ND	0.25	1	12/10/2014 01:21
4-Bromophenyl Phenyl Ether	ND	0.25	1	12/10/2014 01:21
Butylbenzyl Phthalate	ND	0.25	1	12/10/2014 01:21
4-Chloroaniline	ND	0.50	1	12/10/2014 01:21
4-Chloro-3-methylphenol	ND	0.25	1	12/10/2014 01:21
2-Chloronaphthalene	ND	0.25	1	12/10/2014 01:21
2-Chlorophenol	ND	0.25	1	12/10/2014 01:21
4-Chlorophenyl Phenyl Ether	ND	0.25	1	12/10/2014 01:21
Chrysene	ND	0.25	1	12/10/2014 01:21
Dibenzo (a,h) anthracene	ND	0.25	1	12/10/2014 01:21
Dibenzofuran	ND	0.25	1	12/10/2014 01:21
Di-n-butyl Phthalate	ND	0.25	1	12/10/2014 01:21
1,2-Dichlorobenzene	ND	0.25	1	12/10/2014 01:21
1,3-Dichlorobenzene	ND	0.25	1	12/10/2014 01:21
1,4-Dichlorobenzene	ND	0.25	1	12/10/2014 01:21
3,3-Dichlorobenzidine	ND	0.50	1	12/10/2014 01:21
2,4-Dichlorophenol	ND	0.25	1	12/10/2014 01:21
Diethyl Phthalate	ND	0.25	1	12/10/2014 01:21
2,4-Dimethylphenol	ND	0.25	1	12/10/2014 01:21
Dimethyl Phthalate	ND	0.25	1	12/10/2014 01:21
4,6-Dinitro-2-methylphenol	ND	1.3	1	12/10/2014 01:21
2,4-Dinitrophenol	ND	6.3	1	12/10/2014 01:21

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8270C
Date Prepared:	12/9/14	**Unit:**	mg/Kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-5-2	1412363-001A	Soil	12/06/2014	GC17	98737

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrotoluene	ND	0.25	1	12/10/2014 01:21
2,6-Dinitrotoluene	ND	0.25	1	12/10/2014 01:21
Di-n-octyl Phthalate	ND	0.50	1	12/10/2014 01:21
1,2-Diphenylhydrazine	ND	0.25	1	12/10/2014 01:21
Fluoranthene	ND	0.25	1	12/10/2014 01:21
Fluorene	ND	0.25	1	12/10/2014 01:21
Hexachlorobenzene	ND	0.25	1	12/10/2014 01:21
Hexachlorobutadiene	ND	0.25	1	12/10/2014 01:21
Hexachlorocyclopentadiene	ND	1.3	1	12/10/2014 01:21
Hexachloroethane	ND	0.25	1	12/10/2014 01:21
Indeno (1,2,3-cd) pyrene	ND	0.25	1	12/10/2014 01:21
Isophorone	ND	0.25	1	12/10/2014 01:21
2-Methylnaphthalene	ND	0.25	1	12/10/2014 01:21
2-Methylphenol (o-Cresol)	ND	0.25	1	12/10/2014 01:21
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	12/10/2014 01:21
Naphthalene	ND	0.25	1	12/10/2014 01:21
2-Nitroaniline	ND	1.3	1	12/10/2014 01:21
3-Nitroaniline	ND	1.3	1	12/10/2014 01:21
4-Nitroaniline	ND	1.3	1	12/10/2014 01:21
Nitrobenzene	ND	0.25	1	12/10/2014 01:21
2-Nitrophenol	ND	1.3	1	12/10/2014 01:21
4-Nitrophenol	ND	1.3	1	12/10/2014 01:21
N-Nitrosodiphenylamine	ND	0.25	1	12/10/2014 01:21
N-Nitrosodi-n-propylamine	ND	0.25	1	12/10/2014 01:21
Pentachlorophenol	ND	1.3	1	12/10/2014 01:21
Phenanthrene	ND	0.25	1	12/10/2014 01:21
Phenol	ND	0.25	1	12/10/2014 01:21
Pyrene	ND	0.25	1	12/10/2014 01:21
1,2,4-Trichlorobenzene	ND	0.25	1	12/10/2014 01:21
2,4,5-Trichlorophenol	ND	0.25	1	12/10/2014 01:21
2,4,6-Trichlorophenol	ND	0.25	1	12/10/2014 01:21

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8270C
Date Prepared:	12/9/14	**Unit:**	mg/Kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-5-2	**1412363-001A**	**Soil**	**12/06/2014**	**GC17**	**98737**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
2-Fluorophenol	88	30-130		12/10/2014 01:21
Phenol-d5	82	30-130		12/10/2014 01:21
Nitrobenzene-d5	80	30-130		12/10/2014 01:21
2-Fluorobiphenyl	79	30-130		12/10/2014 01:21
2,4,6-Tribromophenol	56	16-130		12/10/2014 01:21
4-Terphenyl-d14	80	30-130		12/10/2014 01:21

Analyst(s): HK

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8270C
Date Prepared:	12/9/14	**Unit:**	mg/Kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-6-2	**1412363-005A**	**Soil**	**12/06/2014**	**GC17**	**98737**

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.25	1	12/10/2014 02:16
Acenaphthylene	ND	0.25	1	12/10/2014 02:16
Acetochlor	ND	0.25	1	12/10/2014 02:16
Anthracene	ND	0.25	1	12/10/2014 02:16
Benzidine	ND	1.3	1	12/10/2014 02:16
Benzo (a) anthracene	ND	0.25	1	12/10/2014 02:16
Benzo (b) fluoranthene	ND	0.25	1	12/10/2014 02:16
Benzo (k) fluoranthene	ND	0.25	1	12/10/2014 02:16
Benzo (g,h,i) perylene	ND	0.25	1	12/10/2014 02:16
Benzo (a) pyrene	ND	0.25	1	12/10/2014 02:16
Benzyl Alcohol	ND	1.3	1	12/10/2014 02:16
1,1-Biphenyl	ND	0.25	1	12/10/2014 02:16
Bis (2-chloroethoxy) Methane	ND	0.25	1	12/10/2014 02:16
Bis (2-chloroethyl) Ether	ND	0.25	1	12/10/2014 02:16
Bis (2-chloroisopropyl) Ether	ND	0.25	1	12/10/2014 02:16
Bis (2-ethylhexyl) Adipate	ND	0.25	1	12/10/2014 02:16
Bis (2-ethylhexyl) Phthalate	ND	0.25	1	12/10/2014 02:16
4-Bromophenyl Phenyl Ether	ND	0.25	1	12/10/2014 02:16
Butylbenzyl Phthalate	ND	0.25	1	12/10/2014 02:16
4-Chloroaniline	ND	0.50	1	12/10/2014 02:16
4-Chloro-3-methylphenol	ND	0.25	1	12/10/2014 02:16
2-Chloronaphthalene	ND	0.25	1	12/10/2014 02:16
2-Chlorophenol	ND	0.25	1	12/10/2014 02:16
4-Chlorophenyl Phenyl Ether	ND	0.25	1	12/10/2014 02:16
Chrysene	ND	0.25	1	12/10/2014 02:16
Dibenzo (a,h) anthracene	ND	0.25	1	12/10/2014 02:16
Dibenzofuran	ND	0.25	1	12/10/2014 02:16
Di-n-butyl Phthalate	ND	0.25	1	12/10/2014 02:16
1,2-Dichlorobenzene	ND	0.25	1	12/10/2014 02:16
1,3-Dichlorobenzene	ND	0.25	1	12/10/2014 02:16
1,4-Dichlorobenzene	ND	0.25	1	12/10/2014 02:16
3,3-Dichlorobenzidine	ND	0.50	1	12/10/2014 02:16
2,4-Dichlorophenol	ND	0.25	1	12/10/2014 02:16
Diethyl Phthalate	ND	0.25	1	12/10/2014 02:16
2,4-Dimethylphenol	ND	0.25	1	12/10/2014 02:16
Dimethyl Phthalate	ND	0.25	1	12/10/2014 02:16
4,6-Dinitro-2-methylphenol	ND	1.3	1	12/10/2014 02:16
2,4-Dinitrophenol	ND	6.3	1	12/10/2014 02:16

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8270C
Date Prepared:	12/9/14	**Unit:**	mg/Kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-6-2	**1412363-005A**	**Soil**	**12/06/2014**	**GC17**	**98737**

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrotoluene	ND	0.25	1	12/10/2014 02:16
2,6-Dinitrotoluene	ND	0.25	1	12/10/2014 02:16
Di-n-octyl Phthalate	ND	0.50	1	12/10/2014 02:16
1,2-Diphenylhydrazine	ND	0.25	1	12/10/2014 02:16
Fluoranthene	ND	0.25	1	12/10/2014 02:16
Fluorene	ND	0.25	1	12/10/2014 02:16
Hexachlorobenzene	ND	0.25	1	12/10/2014 02:16
Hexachlorobutadiene	ND	0.25	1	12/10/2014 02:16
Hexachlorocyclopentadiene	ND	1.3	1	12/10/2014 02:16
Hexachloroethane	ND	0.25	1	12/10/2014 02:16
Indeno (1,2,3-cd) pyrene	ND	0.25	1	12/10/2014 02:16
Isophorone	ND	0.25	1	12/10/2014 02:16
2-Methylnaphthalene	ND	0.25	1	12/10/2014 02:16
2-Methylphenol (o-Cresol)	ND	0.25	1	12/10/2014 02:16
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	12/10/2014 02:16
Naphthalene	ND	0.25	1	12/10/2014 02:16
2-Nitroaniline	ND	1.3	1	12/10/2014 02:16
3-Nitroaniline	ND	1.3	1	12/10/2014 02:16
4-Nitroaniline	ND	1.3	1	12/10/2014 02:16
Nitrobenzene	ND	0.25	1	12/10/2014 02:16
2-Nitrophenol	ND	1.3	1	12/10/2014 02:16
4-Nitrophenol	ND	1.3	1	12/10/2014 02:16
N-Nitrosodiphenylamine	ND	0.25	1	12/10/2014 02:16
N-Nitrosodi-n-propylamine	ND	0.25	1	12/10/2014 02:16
Pentachlorophenol	ND	1.3	1	12/10/2014 02:16
Phenanthrene	ND	0.25	1	12/10/2014 02:16
Phenol	ND	0.25	1	12/10/2014 02:16
Pyrene	ND	0.25	1	12/10/2014 02:16
1,2,4-Trichlorobenzene	ND	0.25	1	12/10/2014 02:16
2,4,5-Trichlorophenol	ND	0.25	1	12/10/2014 02:16
2,4,6-Trichlorophenol	ND	0.25	1	12/10/2014 02:16

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8270C
Date Prepared:	12/9/14	**Unit:**	mg/Kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-6-2	**1412363-005A**	**Soil**	**12/06/2014**	**GC17**	**98737**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
2-Fluorophenol	89	30-130		12/10/2014 02:16
Phenol-d5	83	30-130		12/10/2014 02:16
Nitrobenzene-d5	83	30-130		12/10/2014 02:16
2-Fluorobiphenyl	81	30-130		12/10/2014 02:16
2,4,6-Tribromophenol	66	16-130		12/10/2014 02:16
4-Terphenyl-d14	79	30-130		12/10/2014 02:16

Analyst(s): HK

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8270C
Date Prepared:	12/9/14	**Unit:**	mg/Kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-6-3.5	1412363-006A	Soil	12/06/2014	GC17	98737

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.25	1	12/09/2014 21:14
Acenaphthylene	ND	0.25	1	12/09/2014 21:14
Acetochlor	ND	0.25	1	12/09/2014 21:14
Anthracene	ND	0.25	1	12/09/2014 21:14
Benzidine	ND	1.3	1	12/09/2014 21:14
Benzo (a) anthracene	ND	0.25	1	12/09/2014 21:14
Benzo (b) fluoranthene	ND	0.25	1	12/09/2014 21:14
Benzo (k) fluoranthene	ND	0.25	1	12/09/2014 21:14
Benzo (g,h,i) perylene	ND	0.25	1	12/09/2014 21:14
Benzo (a) pyrene	ND	0.25	1	12/09/2014 21:14
Benzyl Alcohol	ND	1.3	1	12/09/2014 21:14
1,1-Biphenyl	ND	0.25	1	12/09/2014 21:14
Bis (2-chloroethoxy) Methane	ND	0.25	1	12/09/2014 21:14
Bis (2-chloroethyl) Ether	ND	0.25	1	12/09/2014 21:14
Bis (2-chloroisopropyl) Ether	ND	0.25	1	12/09/2014 21:14
Bis (2-ethylhexyl) Adipate	ND	0.25	1	12/09/2014 21:14
Bis (2-ethylhexyl) Phthalate	ND	0.25	1	12/09/2014 21:14
4-Bromophenyl Phenyl Ether	ND	0.25	1	12/09/2014 21:14
Butylbenzyl Phthalate	ND	0.25	1	12/09/2014 21:14
4-Chloroaniline	ND	0.50	1	12/09/2014 21:14
4-Chloro-3-methylphenol	ND	0.25	1	12/09/2014 21:14
2-Chloronaphthalene	ND	0.25	1	12/09/2014 21:14
2-Chlorophenol	ND	0.25	1	12/09/2014 21:14
4-Chlorophenyl Phenyl Ether	ND	0.25	1	12/09/2014 21:14
Chrysene	ND	0.25	1	12/09/2014 21:14
Dibenzo (a,h) anthracene	ND	0.25	1	12/09/2014 21:14
Dibenzofuran	ND	0.25	1	12/09/2014 21:14
Di-n-butyl Phthalate	ND	0.25	1	12/09/2014 21:14
1,2-Dichlorobenzene	ND	0.25	1	12/09/2014 21:14
1,3-Dichlorobenzene	ND	0.25	1	12/09/2014 21:14
1,4-Dichlorobenzene	ND	0.25	1	12/09/2014 21:14
3,3-Dichlorobenzidine	ND	0.50	1	12/09/2014 21:14
2,4-Dichlorophenol	ND	0.25	1	12/09/2014 21:14
Diethyl Phthalate	ND	0.25	1	12/09/2014 21:14
2,4-Dimethylphenol	ND	0.25	1	12/09/2014 21:14
Dimethyl Phthalate	ND	0.25	1	12/09/2014 21:14
4,6-Dinitro-2-methylphenol	ND	1.3	1	12/09/2014 21:14
2,4-Dinitrophenol	ND	6.3	1	12/09/2014 21:14

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8270C
Date Prepared:	12/9/14	**Unit:**	mg/Kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-6-3.5	1412363-006A	Soil	12/06/2014	GC17	98737

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrotoluene	ND	0.25	1	12/09/2014 21:14
2,6-Dinitrotoluene	ND	0.25	1	12/09/2014 21:14
Di-n-octyl Phthalate	ND	0.50	1	12/09/2014 21:14
1,2-Diphenylhydrazine	ND	0.25	1	12/09/2014 21:14
Fluoranthene	ND	0.25	1	12/09/2014 21:14
Fluorene	ND	0.25	1	12/09/2014 21:14
Hexachlorobenzene	ND	0.25	1	12/09/2014 21:14
Hexachlorobutadiene	ND	0.25	1	12/09/2014 21:14
Hexachlorocyclopentadiene	ND	1.3	1	12/09/2014 21:14
Hexachloroethane	ND	0.25	1	12/09/2014 21:14
Indeno (1,2,3-cd) pyrene	ND	0.25	1	12/09/2014 21:14
Isophorone	ND	0.25	1	12/09/2014 21:14
2-Methylnaphthalene	ND	0.25	1	12/09/2014 21:14
2-Methylphenol (o-Cresol)	ND	0.25	1	12/09/2014 21:14
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	12/09/2014 21:14
Naphthalene	ND	0.25	1	12/09/2014 21:14
2-Nitroaniline	ND	1.3	1	12/09/2014 21:14
3-Nitroaniline	ND	1.3	1	12/09/2014 21:14
4-Nitroaniline	ND	1.3	1	12/09/2014 21:14
Nitrobenzene	ND	0.25	1	12/09/2014 21:14
2-Nitrophenol	ND	1.3	1	12/09/2014 21:14
4-Nitrophenol	ND	1.3	1	12/09/2014 21:14
N-Nitrosodiphenylamine	ND	0.25	1	12/09/2014 21:14
N-Nitrosodi-n-propylamine	ND	0.25	1	12/09/2014 21:14
Pentachlorophenol	ND	1.3	1	12/09/2014 21:14
Phenanthrene	ND	0.25	1	12/09/2014 21:14
Phenol	ND	0.25	1	12/09/2014 21:14
Pyrene	ND	0.25	1	12/09/2014 21:14
1,2,4-Trichlorobenzene	ND	0.25	1	12/09/2014 21:14
2,4,5-Trichlorophenol	ND	0.25	1	12/09/2014 21:14
2,4,6-Trichlorophenol	ND	0.25	1	12/09/2014 21:14

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8270C
Date Prepared:	12/9/14	**Unit:**	mg/Kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-6-3.5	**1412363-006A**	**Soil**	**12/06/2014**	**GC17**	**98737**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
2-Fluorophenol	98	30-130		12/09/2014 21:14
Phenol-d5	90	30-130		12/09/2014 21:14
Nitrobenzene-d5	87	30-130		12/09/2014 21:14
2-Fluorobiphenyl	82	30-130		12/09/2014 21:14
2,4,6-Tribromophenol	68	16-130		12/09/2014 21:14
4-Terphenyl-d14	82	30-130		12/09/2014 21:14

Analyst(s): HK

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8270C
Date Prepared:	12/9/14	**Unit:**	mg/Kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-6-5.5	1412363-007A	Soil	12/06/2014	GC17	98737

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.25	1	12/10/2014 02:43
Acenaphthylene	ND	0.25	1	12/10/2014 02:43
Acetochlor	ND	0.25	1	12/10/2014 02:43
Anthracene	ND	0.25	1	12/10/2014 02:43
Benzidine	ND	1.3	1	12/10/2014 02:43
Benzo (a) anthracene	ND	0.25	1	12/10/2014 02:43
Benzo (b) fluoranthene	ND	0.25	1	12/10/2014 02:43
Benzo (k) fluoranthene	ND	0.25	1	12/10/2014 02:43
Benzo (g,h,i) perylene	ND	0.25	1	12/10/2014 02:43
Benzo (a) pyrene	ND	0.25	1	12/10/2014 02:43
Benzyl Alcohol	ND	1.3	1	12/10/2014 02:43
1,1-Biphenyl	ND	0.25	1	12/10/2014 02:43
Bis (2-chloroethoxy) Methane	ND	0.25	1	12/10/2014 02:43
Bis (2-chloroethyl) Ether	ND	0.25	1	12/10/2014 02:43
Bis (2-chloroisopropyl) Ether	ND	0.25	1	12/10/2014 02:43
Bis (2-ethylhexyl) Adipate	ND	0.25	1	12/10/2014 02:43
Bis (2-ethylhexyl) Phthalate	ND	0.25	1	12/10/2014 02:43
4-Bromophenyl Phenyl Ether	ND	0.25	1	12/10/2014 02:43
Butylbenzyl Phthalate	ND	0.25	1	12/10/2014 02:43
4-Chloroaniline	ND	0.50	1	12/10/2014 02:43
4-Chloro-3-methylphenol	ND	0.25	1	12/10/2014 02:43
2-Chloronaphthalene	ND	0.25	1	12/10/2014 02:43
2-Chlorophenol	ND	0.25	1	12/10/2014 02:43
4-Chlorophenyl Phenyl Ether	ND	0.25	1	12/10/2014 02:43
Chrysene	ND	0.25	1	12/10/2014 02:43
Dibenzo (a,h) anthracene	ND	0.25	1	12/10/2014 02:43
Dibenzofuran	ND	0.25	1	12/10/2014 02:43
Di-n-butyl Phthalate	ND	0.25	1	12/10/2014 02:43
1,2-Dichlorobenzene	ND	0.25	1	12/10/2014 02:43
1,3-Dichlorobenzene	ND	0.25	1	12/10/2014 02:43
1,4-Dichlorobenzene	ND	0.25	1	12/10/2014 02:43
3,3-Dichlorobenzidine	ND	0.50	1	12/10/2014 02:43
2,4-Dichlorophenol	ND	0.25	1	12/10/2014 02:43
Diethyl Phthalate	ND	0.25	1	12/10/2014 02:43
2,4-Dimethylphenol	ND	0.25	1	12/10/2014 02:43
Dimethyl Phthalate	ND	0.25	1	12/10/2014 02:43
4,6-Dinitro-2-methylphenol	ND	1.3	1	12/10/2014 02:43
2,4-Dinitrophenol	ND	6.3	1	12/10/2014 02:43

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8270C
Date Prepared:	12/9/14	**Unit:**	mg/Kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-6-5.5	1412363-007A	Soil	12/06/2014	GC17	98737

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrotoluene	ND	0.25	1	12/10/2014 02:43
2,6-Dinitrotoluene	ND	0.25	1	12/10/2014 02:43
Di-n-octyl Phthalate	ND	0.50	1	12/10/2014 02:43
1,2-Diphenylhydrazine	ND	0.25	1	12/10/2014 02:43
Fluoranthene	ND	0.25	1	12/10/2014 02:43
Fluorene	ND	0.25	1	12/10/2014 02:43
Hexachlorobenzene	ND	0.25	1	12/10/2014 02:43
Hexachlorobutadiene	ND	0.25	1	12/10/2014 02:43
Hexachlorocyclopentadiene	ND	1.3	1	12/10/2014 02:43
Hexachloroethane	ND	0.25	1	12/10/2014 02:43
Indeno (1,2,3-cd) pyrene	ND	0.25	1	12/10/2014 02:43
Isophorone	ND	0.25	1	12/10/2014 02:43
2-Methylnaphthalene	ND	0.25	1	12/10/2014 02:43
2-Methylphenol (o-Cresol)	ND	0.25	1	12/10/2014 02:43
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	12/10/2014 02:43
Naphthalene	ND	0.25	1	12/10/2014 02:43
2-Nitroaniline	ND	1.3	1	12/10/2014 02:43
3-Nitroaniline	ND	1.3	1	12/10/2014 02:43
4-Nitroaniline	ND	1.3	1	12/10/2014 02:43
Nitrobenzene	ND	0.25	1	12/10/2014 02:43
2-Nitrophenol	ND	1.3	1	12/10/2014 02:43
4-Nitrophenol	ND	1.3	1	12/10/2014 02:43
N-Nitrosodiphenylamine	ND	0.25	1	12/10/2014 02:43
N-Nitrosodi-n-propylamine	ND	0.25	1	12/10/2014 02:43
Pentachlorophenol	ND	1.3	1	12/10/2014 02:43
Phenanthrene	ND	0.25	1	12/10/2014 02:43
Phenol	ND	0.25	1	12/10/2014 02:43
Pyrene	ND	0.25	1	12/10/2014 02:43
1,2,4-Trichlorobenzene	ND	0.25	1	12/10/2014 02:43
2,4,5-Trichlorophenol	ND	0.25	1	12/10/2014 02:43
2,4,6-Trichlorophenol	ND	0.25	1	12/10/2014 02:43

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8270C
Date Prepared:	12/9/14	**Unit:**	mg/Kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-6-5.5	**1412363-007A**	**Soil**	**12/06/2014**	**GC17**	**98737**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
2-Fluorophenol	90	30-130		12/10/2014 02:43
Phenol-d5	85	30-130		12/10/2014 02:43
Nitrobenzene-d5	80	30-130		12/10/2014 02:43
2-Fluorobiphenyl	79	30-130		12/10/2014 02:43
2,4,6-Tribromophenol	53	16-130		12/10/2014 02:43
4-Terphenyl-d14	76	30-130		12/10/2014 02:43

Analyst(s): HK

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8270C
Date Prepared:	12/9/14	**Unit:**	mg/Kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-7-5.5	1412363-011A	Soil	12/06/2014	GC17	98737

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.25	1	12/10/2014 00:54
Acenaphthylene	ND	0.25	1	12/10/2014 00:54
Acetochlor	ND	0.25	1	12/10/2014 00:54
Anthracene	ND	0.25	1	12/10/2014 00:54
Benzidine	ND	1.3	1	12/10/2014 00:54
Benzo (a) anthracene	ND	0.25	1	12/10/2014 00:54
Benzo (b) fluoranthene	ND	0.25	1	12/10/2014 00:54
Benzo (k) fluoranthene	ND	0.25	1	12/10/2014 00:54
Benzo (g,h,i) perylene	ND	0.25	1	12/10/2014 00:54
Benzo (a) pyrene	ND	0.25	1	12/10/2014 00:54
Benzyl Alcohol	ND	1.3	1	12/10/2014 00:54
1,1-Biphenyl	ND	0.25	1	12/10/2014 00:54
Bis (2-chloroethoxy) Methane	ND	0.25	1	12/10/2014 00:54
Bis (2-chloroethyl) Ether	ND	0.25	1	12/10/2014 00:54
Bis (2-chloroisopropyl) Ether	ND	0.25	1	12/10/2014 00:54
Bis (2-ethylhexyl) Adipate	ND	0.25	1	12/10/2014 00:54
Bis (2-ethylhexyl) Phthalate	ND	0.25	1	12/10/2014 00:54
4-Bromophenyl Phenyl Ether	ND	0.25	1	12/10/2014 00:54
Butylbenzyl Phthalate	ND	0.25	1	12/10/2014 00:54
4-Chloroaniline	ND	0.50	1	12/10/2014 00:54
4-Chloro-3-methylphenol	ND	0.25	1	12/10/2014 00:54
2-Chloronaphthalene	ND	0.25	1	12/10/2014 00:54
2-Chlorophenol	ND	0.25	1	12/10/2014 00:54
4-Chlorophenyl Phenyl Ether	ND	0.25	1	12/10/2014 00:54
Chrysene	ND	0.25	1	12/10/2014 00:54
Dibenzo (a,h) anthracene	ND	0.25	1	12/10/2014 00:54
Dibenzofuran	ND	0.25	1	12/10/2014 00:54
Di-n-butyl Phthalate	ND	0.25	1	12/10/2014 00:54
1,2-Dichlorobenzene	ND	0.25	1	12/10/2014 00:54
1,3-Dichlorobenzene	ND	0.25	1	12/10/2014 00:54
1,4-Dichlorobenzene	ND	0.25	1	12/10/2014 00:54
3,3-Dichlorobenzidine	ND	0.50	1	12/10/2014 00:54
2,4-Dichlorophenol	ND	0.25	1	12/10/2014 00:54
Diethyl Phthalate	ND	0.25	1	12/10/2014 00:54
2,4-Dimethylphenol	ND	0.25	1	12/10/2014 00:54
Dimethyl Phthalate	ND	0.25	1	12/10/2014 00:54
4,6-Dinitro-2-methylphenol	ND	1.3	1	12/10/2014 00:54
2,4-Dinitrophenol	ND	6.3	1	12/10/2014 00:54

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8270C
Date Prepared:	12/9/14	**Unit:**	mg/Kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-7-5.5	1412363-011A	Soil	12/06/2014	GC17	98737

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrotoluene	ND	0.25	1	12/10/2014 00:54
2,6-Dinitrotoluene	ND	0.25	1	12/10/2014 00:54
Di-n-octyl Phthalate	ND	0.50	1	12/10/2014 00:54
1,2-Diphenylhydrazine	ND	0.25	1	12/10/2014 00:54
Fluoranthene	ND	0.25	1	12/10/2014 00:54
Fluorene	ND	0.25	1	12/10/2014 00:54
Hexachlorobenzene	ND	0.25	1	12/10/2014 00:54
Hexachlorobutadiene	ND	0.25	1	12/10/2014 00:54
Hexachlorocyclopentadiene	ND	1.3	1	12/10/2014 00:54
Hexachloroethane	ND	0.25	1	12/10/2014 00:54
Indeno (1,2,3-cd) pyrene	ND	0.25	1	12/10/2014 00:54
Isophorone	ND	0.25	1	12/10/2014 00:54
2-Methylnaphthalene	ND	0.25	1	12/10/2014 00:54
2-Methylphenol (o-Cresol)	ND	0.25	1	12/10/2014 00:54
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	12/10/2014 00:54
Naphthalene	ND	0.25	1	12/10/2014 00:54
2-Nitroaniline	ND	1.3	1	12/10/2014 00:54
3-Nitroaniline	ND	1.3	1	12/10/2014 00:54
4-Nitroaniline	ND	1.3	1	12/10/2014 00:54
Nitrobenzene	ND	0.25	1	12/10/2014 00:54
2-Nitrophenol	ND	1.3	1	12/10/2014 00:54
4-Nitrophenol	ND	1.3	1	12/10/2014 00:54
N-Nitrosodiphenylamine	ND	0.25	1	12/10/2014 00:54
N-Nitrosodi-n-propylamine	ND	0.25	1	12/10/2014 00:54
Pentachlorophenol	ND	1.3	1	12/10/2014 00:54
Phenanthrene	ND	0.25	1	12/10/2014 00:54
Phenol	ND	0.25	1	12/10/2014 00:54
Pyrene	ND	0.25	1	12/10/2014 00:54
1,2,4-Trichlorobenzene	ND	0.25	1	12/10/2014 00:54
2,4,5-Trichlorophenol	ND	0.25	1	12/10/2014 00:54
2,4,6-Trichlorophenol	ND	0.25	1	12/10/2014 00:54

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8270C
Date Prepared:	12/9/14	**Unit:**	mg/Kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-7-5.5	**1412363-011A**	**Soil**	**12/06/2014**	**GC17**	**98737**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
2-Fluorophenol	89	30-130		12/10/2014 00:54
Phenol-d5	83	30-130		12/10/2014 00:54
Nitrobenzene-d5	80	30-130		12/10/2014 00:54
2-Fluorobiphenyl	76	30-130		12/10/2014 00:54
2,4,6-Tribromophenol	55	16-130		12/10/2014 00:54
4-Terphenyl-d14	80	30-130		12/10/2014 00:54

Analyst(s): HK

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8270C
Date Prepared:	12/9/14	**Unit:**	mg/Kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-1.5	**1412363-013A**	**Soil**	**12/06/2014**	**GC17**	**98737**

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.25	1	12/10/2014 03:10
Acenaphthylene	ND	0.25	1	12/10/2014 03:10
Acetochlor	ND	0.25	1	12/10/2014 03:10
Anthracene	ND	0.25	1	12/10/2014 03:10
Benzidine	ND	1.3	1	12/10/2014 03:10
Benzo (a) anthracene	ND	0.25	1	12/10/2014 03:10
Benzo (b) fluoranthene	ND	0.25	1	12/10/2014 03:10
Benzo (k) fluoranthene	ND	0.25	1	12/10/2014 03:10
Benzo (g,h,i) perylene	ND	0.25	1	12/10/2014 03:10
Benzo (a) pyrene	ND	0.25	1	12/10/2014 03:10
Benzyl Alcohol	ND	1.3	1	12/10/2014 03:10
1,1-Biphenyl	ND	0.25	1	12/10/2014 03:10
Bis (2-chloroethoxy) Methane	ND	0.25	1	12/10/2014 03:10
Bis (2-chloroethyl) Ether	ND	0.25	1	12/10/2014 03:10
Bis (2-chloroisopropyl) Ether	ND	0.25	1	12/10/2014 03:10
Bis (2-ethylhexyl) Adipate	ND	0.25	1	12/10/2014 03:10
Bis (2-ethylhexyl) Phthalate	ND	0.25	1	12/10/2014 03:10
4-Bromophenyl Phenyl Ether	ND	0.25	1	12/10/2014 03:10
Butylbenzyl Phthalate	ND	0.25	1	12/10/2014 03:10
4-Chloroaniline	ND	0.50	1	12/10/2014 03:10
4-Chloro-3-methylphenol	ND	0.25	1	12/10/2014 03:10
2-Chloronaphthalene	ND	0.25	1	12/10/2014 03:10
2-Chlorophenol	ND	0.25	1	12/10/2014 03:10
4-Chlorophenyl Phenyl Ether	ND	0.25	1	12/10/2014 03:10
Chrysene	ND	0.25	1	12/10/2014 03:10
Dibenzo (a,h) anthracene	ND	0.25	1	12/10/2014 03:10
Dibenzofuran	ND	0.25	1	12/10/2014 03:10
Di-n-butyl Phthalate	ND	0.25	1	12/10/2014 03:10
1,2-Dichlorobenzene	ND	0.25	1	12/10/2014 03:10
1,3-Dichlorobenzene	ND	0.25	1	12/10/2014 03:10
1,4-Dichlorobenzene	ND	0.25	1	12/10/2014 03:10
3,3-Dichlorobenzidine	ND	0.50	1	12/10/2014 03:10
2,4-Dichlorophenol	ND	0.25	1	12/10/2014 03:10
Diethyl Phthalate	ND	0.25	1	12/10/2014 03:10
2,4-Dimethylphenol	ND	0.25	1	12/10/2014 03:10
Dimethyl Phthalate	ND	0.25	1	12/10/2014 03:10
4,6-Dinitro-2-methylphenol	ND	1.3	1	12/10/2014 03:10
2,4-Dinitrophenol	ND	6.3	1	12/10/2014 03:10

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8270C
Date Prepared:	12/9/14	**Unit:**	mg/Kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-1.5	**1412363-013A**	**Soil**	**12/06/2014**	**GC17**	**98737**

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrotoluene	ND	0.25	1	12/10/2014 03:10
2,6-Dinitrotoluene	ND	0.25	1	12/10/2014 03:10
Di-n-octyl Phthalate	ND	0.50	1	12/10/2014 03:10
1,2-Diphenylhydrazine	ND	0.25	1	12/10/2014 03:10
Fluoranthene	ND	0.25	1	12/10/2014 03:10
Fluorene	ND	0.25	1	12/10/2014 03:10
Hexachlorobenzene	ND	0.25	1	12/10/2014 03:10
Hexachlorobutadiene	ND	0.25	1	12/10/2014 03:10
Hexachlorocyclopentadiene	ND	1.3	1	12/10/2014 03:10
Hexachloroethane	ND	0.25	1	12/10/2014 03:10
Indeno (1,2,3-cd) pyrene	ND	0.25	1	12/10/2014 03:10
Isophorone	ND	0.25	1	12/10/2014 03:10
2-Methylnaphthalene	ND	0.25	1	12/10/2014 03:10
2-Methylphenol (o-Cresol)	ND	0.25	1	12/10/2014 03:10
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	12/10/2014 03:10
Naphthalene	ND	0.25	1	12/10/2014 03:10
2-Nitroaniline	ND	1.3	1	12/10/2014 03:10
3-Nitroaniline	ND	1.3	1	12/10/2014 03:10
4-Nitroaniline	ND	1.3	1	12/10/2014 03:10
Nitrobenzene	ND	0.25	1	12/10/2014 03:10
2-Nitrophenol	ND	1.3	1	12/10/2014 03:10
4-Nitrophenol	ND	1.3	1	12/10/2014 03:10
N-Nitrosodiphenylamine	ND	0.25	1	12/10/2014 03:10
N-Nitrosodi-n-propylamine	ND	0.25	1	12/10/2014 03:10
Pentachlorophenol	ND	1.3	1	12/10/2014 03:10
Phenanthrene	ND	0.25	1	12/10/2014 03:10
Phenol	ND	0.25	1	12/10/2014 03:10
Pyrene	**0.26**	0.25	1	12/10/2014 03:10
1,2,4-Trichlorobenzene	ND	0.25	1	12/10/2014 03:10
2,4,5-Trichlorophenol	ND	0.25	1	12/10/2014 03:10
2,4,6-Trichlorophenol	ND	0.25	1	12/10/2014 03:10

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8270C
Date Prepared:	12/9/14	**Unit:**	mg/Kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-1.5	**1412363-013A**	**Soil**	**12/06/2014**	**GC17**	**98737**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
2-Fluorophenol	88	30-130		12/10/2014 03:10
Phenol-d5	81	30-130		12/10/2014 03:10
Nitrobenzene-d5	79	30-130		12/10/2014 03:10
2-Fluorobiphenyl	76	30-130		12/10/2014 03:10
2,4,6-Tribromophenol	51	16-130		12/10/2014 03:10
4-Terphenyl-d14	80	30-130		12/10/2014 03:10

Analyst(s): HK

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8270C
Date Prepared:	12/9/14	**Unit:**	mg/Kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-3.0	1412363-014A	Soil	12/06/2014	GC17	98737

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	4.0	2	12/10/2014 17:52
Acenaphthylene	ND	4.0	2	12/10/2014 17:52
Acetochlor	ND	4.0	2	12/10/2014 17:52
Anthracene	ND	4.0	2	12/10/2014 17:52
Benzidine	ND	21	2	12/10/2014 17:52
Benzo (a) anthracene	ND	4.0	2	12/10/2014 17:52
Benzo (b) fluoranthene	ND	4.0	2	12/10/2014 17:52
Benzo (k) fluoranthene	ND	4.0	2	12/10/2014 17:52
Benzo (g,h,i) perylene	ND	4.0	2	12/10/2014 17:52
Benzo (a) pyrene	ND	4.0	2	12/10/2014 17:52
Benzyl Alcohol	ND	21	2	12/10/2014 17:52
1,1-Biphenyl	ND	4.0	2	12/10/2014 17:52
Bis (2-chloroethoxy) Methane	ND	4.0	2	12/10/2014 17:52
Bis (2-chloroethyl) Ether	ND	4.0	2	12/10/2014 17:52
Bis (2-chloroisopropyl) Ether	ND	4.0	2	12/10/2014 17:52
Bis (2-ethylhexyl) Adipate	ND	4.0	2	12/10/2014 17:52
Bis (2-ethylhexyl) Phthalate	ND	4.0	2	12/10/2014 17:52
4-Bromophenyl Phenyl Ether	ND	4.0	2	12/10/2014 17:52
Butylbenzyl Phthalate	ND	4.0	2	12/10/2014 17:52
4-Chloroaniline	ND	8.0	2	12/10/2014 17:52
4-Chloro-3-methylphenol	ND	4.0	2	12/10/2014 17:52
2-Chloronaphthalene	ND	4.0	2	12/10/2014 17:52
2-Chlorophenol	ND	4.0	2	12/10/2014 17:52
4-Chlorophenyl Phenyl Ether	ND	4.0	2	12/10/2014 17:52
Chrysene	ND	4.0	2	12/10/2014 17:52
Dibenzo (a,h) anthracene	ND	4.0	2	12/10/2014 17:52
Dibenzofuran	ND	4.0	2	12/10/2014 17:52
Di-n-butyl Phthalate	ND	4.0	2	12/10/2014 17:52
1,2-Dichlorobenzene	ND	4.0	2	12/10/2014 17:52
1,3-Dichlorobenzene	ND	4.0	2	12/10/2014 17:52
1,4-Dichlorobenzene	ND	4.0	2	12/10/2014 17:52
3,3-Dichlorobenzidine	ND	8.0	2	12/10/2014 17:52
2,4-Dichlorophenol	ND	4.0	2	12/10/2014 17:52
Diethyl Phthalate	ND	4.0	2	12/10/2014 17:52
2,4-Dimethylphenol	ND	4.0	2	12/10/2014 17:52
Dimethyl Phthalate	ND	4.0	2	12/10/2014 17:52
4,6-Dinitro-2-methylphenol	ND	21	2	12/10/2014 17:52
2,4-Dinitrophenol	ND	100	2	12/10/2014 17:52

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8270C
Date Prepared:	12/9/14	**Unit:**	mg/Kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-3.0	**1412363-014A**	**Soil**	**12/06/2014**	**GC17**	**98737**

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrotoluene	ND	4.0	2	12/10/2014 17:52
2,6-Dinitrotoluene	ND	4.0	2	12/10/2014 17:52
Di-n-octyl Phthalate	ND	8.0	2	12/10/2014 17:52
1,2-Diphenylhydrazine	ND	4.0	2	12/10/2014 17:52
Fluoranthene	**6.2**	4.0	2	12/10/2014 17:52
Fluorene	ND	4.0	2	12/10/2014 17:52
Hexachlorobenzene	ND	4.0	2	12/10/2014 17:52
Hexachlorobutadiene	ND	4.0	2	12/10/2014 17:52
Hexachlorocyclopentadiene	ND	21	2	12/10/2014 17:52
Hexachloroethane	ND	4.0	2	12/10/2014 17:52
Indeno (1,2,3-cd) pyrene	ND	4.0	2	12/10/2014 17:52
Isophorone	ND	4.0	2	12/10/2014 17:52
2-Methylnaphthalene	ND	4.0	2	12/10/2014 17:52
2-Methylphenol (o-Cresol)	ND	4.0	2	12/10/2014 17:52
3 & 4-Methylphenol (m,p-Cresol)	ND	4.0	2	12/10/2014 17:52
Naphthalene	ND	4.0	2	12/10/2014 17:52
2-Nitroaniline	ND	21	2	12/10/2014 17:52
3-Nitroaniline	ND	21	2	12/10/2014 17:52
4-Nitroaniline	ND	21	2	12/10/2014 17:52
Nitrobenzene	ND	4.0	2	12/10/2014 17:52
2-Nitrophenol	ND	21	2	12/10/2014 17:52
4-Nitrophenol	ND	21	2	12/10/2014 17:52
N-Nitrosodiphenylamine	ND	4.0	2	12/10/2014 17:52
N-Nitrosodi-n-propylamine	ND	4.0	2	12/10/2014 17:52
Pentachlorophenol	ND	21	2	12/10/2014 17:52
Phenanthrene	**8.1**	4.0	2	12/10/2014 17:52
Phenol	ND	4.0	2	12/10/2014 17:52
Pyrene	**5.6**	4.0	2	12/10/2014 17:52
1,2,4-Trichlorobenzene	ND	4.0	2	12/10/2014 17:52
2,4,5-Trichlorophenol	ND	4.0	2	12/10/2014 17:52
2,4,6-Trichlorophenol	ND	4.0	2	12/10/2014 17:52

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8270C
Date Prepared:	12/9/14	**Unit:**	mg/Kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-3.0	**1412363-014A**	**Soil**	**12/06/2014**	**GC17**	**98737**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
2-Fluorophenol	90	30-130		12/10/2014 17:52
Phenol-d5	85	30-130		12/10/2014 17:52
Nitrobenzene-d5	88	30-130		12/10/2014 17:52
2-Fluorobiphenyl	90	30-130		12/10/2014 17:52
2,4,6-Tribromophenol	30	16-130		12/10/2014 17:52
4-Terphenyl-d14	86	30-130		12/10/2014 17:52

Analyst(s): HK

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8270C
Date Prepared:	12/9/14	**Unit:**	mg/Kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-8.0	1412363-016A	Soil	12/06/2014	GC17	98737

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.25	1	12/10/2014 01:48
Acenaphthylene	ND	0.25	1	12/10/2014 01:48
Acetochlor	ND	0.25	1	12/10/2014 01:48
Anthracene	ND	0.25	1	12/10/2014 01:48
Benzidine	ND	1.3	1	12/10/2014 01:48
Benzo (a) anthracene	ND	0.25	1	12/10/2014 01:48
Benzo (b) fluoranthene	ND	0.25	1	12/10/2014 01:48
Benzo (k) fluoranthene	ND	0.25	1	12/10/2014 01:48
Benzo (g,h,i) perylene	ND	0.25	1	12/10/2014 01:48
Benzo (a) pyrene	ND	0.25	1	12/10/2014 01:48
Benzyl Alcohol	ND	1.3	1	12/10/2014 01:48
1,1-Biphenyl	ND	0.25	1	12/10/2014 01:48
Bis (2-chloroethoxy) Methane	ND	0.25	1	12/10/2014 01:48
Bis (2-chloroethyl) Ether	ND	0.25	1	12/10/2014 01:48
Bis (2-chloroisopropyl) Ether	ND	0.25	1	12/10/2014 01:48
Bis (2-ethylhexyl) Adipate	ND	0.25	1	12/10/2014 01:48
Bis (2-ethylhexyl) Phthalate	ND	0.25	1	12/10/2014 01:48
4-Bromophenyl Phenyl Ether	ND	0.25	1	12/10/2014 01:48
Butylbenzyl Phthalate	ND	0.25	1	12/10/2014 01:48
4-Chloroaniline	ND	0.50	1	12/10/2014 01:48
4-Chloro-3-methylphenol	ND	0.25	1	12/10/2014 01:48
2-Chloronaphthalene	ND	0.25	1	12/10/2014 01:48
2-Chlorophenol	ND	0.25	1	12/10/2014 01:48
4-Chlorophenyl Phenyl Ether	ND	0.25	1	12/10/2014 01:48
Chrysene	ND	0.25	1	12/10/2014 01:48
Dibenzo (a,h) anthracene	ND	0.25	1	12/10/2014 01:48
Dibenzofuran	ND	0.25	1	12/10/2014 01:48
Di-n-butyl Phthalate	ND	0.25	1	12/10/2014 01:48
1,2-Dichlorobenzene	ND	0.25	1	12/10/2014 01:48
1,3-Dichlorobenzene	ND	0.25	1	12/10/2014 01:48
1,4-Dichlorobenzene	ND	0.25	1	12/10/2014 01:48
3,3-Dichlorobenzidine	ND	0.50	1	12/10/2014 01:48
2,4-Dichlorophenol	ND	0.25	1	12/10/2014 01:48
Diethyl Phthalate	ND	0.25	1	12/10/2014 01:48
2,4-Dimethylphenol	ND	0.25	1	12/10/2014 01:48
Dimethyl Phthalate	ND	0.25	1	12/10/2014 01:48
4,6-Dinitro-2-methylphenol	ND	1.3	1	12/10/2014 01:48
2,4-Dinitrophenol	ND	6.3	1	12/10/2014 01:48

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8270C
Date Prepared:	12/9/14	**Unit:**	mg/Kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-8.0	**1412363-016A**	**Soil**	**12/06/2014**	**GC17**	**98737**

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrotoluene	ND	0.25	1	12/10/2014 01:48
2,6-Dinitrotoluene	ND	0.25	1	12/10/2014 01:48
Di-n-octyl Phthalate	ND	0.50	1	12/10/2014 01:48
1,2-Diphenylhydrazine	ND	0.25	1	12/10/2014 01:48
Fluoranthene	**0.26**	0.25	1	12/10/2014 01:48
Fluorene	ND	0.25	1	12/10/2014 01:48
Hexachlorobenzene	ND	0.25	1	12/10/2014 01:48
Hexachlorobutadiene	ND	0.25	1	12/10/2014 01:48
Hexachlorocyclopentadiene	ND	1.3	1	12/10/2014 01:48
Hexachloroethane	ND	0.25	1	12/10/2014 01:48
Indeno (1,2,3-cd) pyrene	ND	0.25	1	12/10/2014 01:48
Isophorone	ND	0.25	1	12/10/2014 01:48
2-Methylnaphthalene	ND	0.25	1	12/10/2014 01:48
2-Methylphenol (o-Cresol)	ND	0.25	1	12/10/2014 01:48
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	12/10/2014 01:48
Naphthalene	ND	0.25	1	12/10/2014 01:48
2-Nitroaniline	ND	1.3	1	12/10/2014 01:48
3-Nitroaniline	ND	1.3	1	12/10/2014 01:48
4-Nitroaniline	ND	1.3	1	12/10/2014 01:48
Nitrobenzene	ND	0.25	1	12/10/2014 01:48
2-Nitrophenol	ND	1.3	1	12/10/2014 01:48
4-Nitrophenol	ND	1.3	1	12/10/2014 01:48
N-Nitrosodiphenylamine	ND	0.25	1	12/10/2014 01:48
N-Nitrosodi-n-propylamine	ND	0.25	1	12/10/2014 01:48
Pentachlorophenol	ND	1.3	1	12/10/2014 01:48
Phenanthrene	ND	0.25	1	12/10/2014 01:48
Phenol	ND	0.25	1	12/10/2014 01:48
Pyrene	**0.30**	0.25	1	12/10/2014 01:48
1,2,4-Trichlorobenzene	ND	0.25	1	12/10/2014 01:48
2,4,5-Trichlorophenol	ND	0.25	1	12/10/2014 01:48
2,4,6-Trichlorophenol	ND	0.25	1	12/10/2014 01:48

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8270C
Date Prepared:	12/9/14	**Unit:**	mg/Kg

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-8.0	**1412363-016A**	**Soil**	**12/06/2014**	**GC17**	**98737**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
2-Fluorophenol	96	30-130		12/10/2014 01:48
Phenol-d5	88	30-130		12/10/2014 01:48
Nitrobenzene-d5	86	30-130		12/10/2014 01:48
2-Fluorobiphenyl	82	30-130		12/10/2014 01:48
2,4,6-Tribromophenol	58	16-130		12/10/2014 01:48
4-Terphenyl-d14	81	30-130		12/10/2014 01:48

Analyst(s): HK

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	E625
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8270C
Date Prepared:	12/9/14	**Unit:**	µg/L

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-5-GW	**1412363-017C**	**Water**	**12/06/2014**	**GC17**	**98694**

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	3.8	1	12/09/2014 23:32
Acenaphthylene	ND	3.8	1	12/09/2014 23:32
Acetochlor	ND	3.8	1	12/09/2014 23:32
Anthracene	ND	3.8	1	12/09/2014 23:32
Benzidine	ND	19	1	12/09/2014 23:32
Benzo (a) anthracene	ND	3.8	1	12/09/2014 23:32
Benzo (b) fluoranthene	ND	3.8	1	12/09/2014 23:32
Benzo (k) fluoranthene	ND	3.8	1	12/09/2014 23:32
Benzo (g,h,i) perylene	ND	3.8	1	12/09/2014 23:32
Benzo (a) pyrene	ND	3.8	1	12/09/2014 23:32
Benzyl Alcohol	ND	19	1	12/09/2014 23:32
1,1-Biphenyl	ND	3.8	1	12/09/2014 23:32
Bis (2-chloroethoxy) Methane	ND	3.8	1	12/09/2014 23:32
Bis (2-chloroethyl) Ether	ND	3.8	1	12/09/2014 23:32
Bis (2-chloroisopropyl) Ether	ND	3.8	1	12/09/2014 23:32
Bis (2-ethylhexyl) Adipate	ND	3.8	1	12/09/2014 23:32
Bis (2-ethylhexyl) Phthalate	ND	7.6	1	12/09/2014 23:32
4-Bromophenyl Phenyl Ether	ND	19	1	12/09/2014 23:32
Butylbenzyl Phthalate	ND	3.8	1	12/09/2014 23:32
4-Chloroaniline	ND	7.6	1	12/09/2014 23:32
4-Chloro-3-methylphenol	ND	19	1	12/09/2014 23:32
2-Chloronaphthalene	ND	3.8	1	12/09/2014 23:32
2-Chlorophenol	ND	3.8	1	12/09/2014 23:32
4-Chlorophenyl Phenyl Ether	ND	3.8	1	12/09/2014 23:32
Chrysene	ND	3.8	1	12/09/2014 23:32
Dibenzo (a,h) anthracene	ND	3.8	1	12/09/2014 23:32
Dibenzofuran	ND	3.8	1	12/09/2014 23:32
Di-n-butyl Phthalate	ND	3.8	1	12/09/2014 23:32
1,2-Dichlorobenzene	ND	3.8	1	12/09/2014 23:32
1,3-Dichlorobenzene	ND	3.8	1	12/09/2014 23:32
1,4-Dichlorobenzene	ND	3.8	1	12/09/2014 23:32
3,3-Dichlorobenzidine	ND	7.6	1	12/09/2014 23:32
2,4-Dichlorophenol	ND	3.8	1	12/09/2014 23:32
Diethyl Phthalate	ND	3.8	1	12/09/2014 23:32
2,4-Dimethylphenol	ND	3.8	1	12/09/2014 23:32
Dimethyl Phthalate	ND	3.8	1	12/09/2014 23:32
4,6-Dinitro-2-methylphenol	ND	19	1	12/09/2014 23:32
2,4-Dinitrophenol	ND	48	1	12/09/2014 23:32

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	E625
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8270C
Date Prepared:	12/9/14	**Unit:**	µg/L

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-5-GW	**1412363-017C**	**Water**	**12/06/2014**	**GC17**	**98694**

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrotoluene	ND	3.8	1	12/09/2014 23:32
2,6-Dinitrotoluene	ND	3.8	1	12/09/2014 23:32
Di-n-octyl Phthalate	ND	3.8	1	12/09/2014 23:32
1,2-Diphenylhydrazine	ND	3.8	1	12/09/2014 23:32
Fluoranthene	ND	3.8	1	12/09/2014 23:32
Fluorene	ND	3.8	1	12/09/2014 23:32
Hexachlorobenzene	ND	3.8	1	12/09/2014 23:32
Hexachlorobutadiene	ND	3.8	1	12/09/2014 23:32
Hexachlorocyclopentadiene	ND	19	1	12/09/2014 23:32
Hexachloroethane	ND	3.8	1	12/09/2014 23:32
Indeno (1,2,3-cd) pyrene	ND	3.8	1	12/09/2014 23:32
Isophorone	ND	3.8	1	12/09/2014 23:32
2-Methylnaphthalene	ND	3.8	1	12/09/2014 23:32
2-Methylphenol (o-Cresol)	ND	3.8	1	12/09/2014 23:32
3 & 4-Methylphenol (m,p-Cresol)	ND	3.8	1	12/09/2014 23:32
Naphthalene	ND	3.8	1	12/09/2014 23:32
2-Nitroaniline	ND	19	1	12/09/2014 23:32
3-Nitroaniline	ND	19	1	12/09/2014 23:32
4-Nitroaniline	ND	19	1	12/09/2014 23:32
Nitrobenzene	ND	3.8	1	12/09/2014 23:32
2-Nitrophenol	ND	19	1	12/09/2014 23:32
4-Nitrophenol	ND	19	1	12/09/2014 23:32
N-Nitrosodiphenylamine	ND	3.8	1	12/09/2014 23:32
N-Nitrosodi-n-propylamine	ND	3.8	1	12/09/2014 23:32
Pentachlorophenol	ND	19	1	12/09/2014 23:32
Phenanthrene	ND	3.8	1	12/09/2014 23:32
Phenol	ND	3.8	1	12/09/2014 23:32
Pyrene	ND	3.8	1	12/09/2014 23:32
1,2,4-Trichlorobenzene	ND	3.8	1	12/09/2014 23:32
2,4,5-Trichlorophenol	ND	3.8	1	12/09/2014 23:32
2,4,6-Trichlorophenol	ND	3.8	1	12/09/2014 23:32

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	E625
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8270C
Date Prepared:	12/9/14	**Unit:**	µg/L

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-5-GW	**1412363-017C**	**Water**	**12/06/2014**	**GC17**	**98694**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits	Analytical Comments: a19,b1	
2-Fluorophenol	40	8-130		12/09/2014 23:32
Phenol-d5	33	5-130		12/09/2014 23:32
Nitrobenzene-d5	49	20-140		12/09/2014 23:32
2-Fluorobiphenyl	50	40-140		12/09/2014 23:32
2,4,6-Tribromophenol	82	16-180		12/09/2014 23:32
4-Terphenyl-d14	78	40-170		12/09/2014 23:32

Analyst(s): HK

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	E625
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8270C
Date Prepared:	12/9/14	**Unit:**	µg/L

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-7-GW	**1412363-018C**	**Water**	**12/06/2014**	**GC17**	**98694**

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	3.2	1	12/09/2014 23:59
Acenaphthylene	ND	3.2	1	12/09/2014 23:59
Acetochlor	ND	3.2	1	12/09/2014 23:59
Anthracene	ND	3.2	1	12/09/2014 23:59
Benzidine	ND	16	1	12/09/2014 23:59
Benzo (a) anthracene	ND	3.2	1	12/09/2014 23:59
Benzo (b) fluoranthene	ND	3.2	1	12/09/2014 23:59
Benzo (k) fluoranthene	ND	3.2	1	12/09/2014 23:59
Benzo (g,h,i) perylene	ND	3.2	1	12/09/2014 23:59
Benzo (a) pyrene	ND	3.2	1	12/09/2014 23:59
Benzyl Alcohol	ND	16	1	12/09/2014 23:59
1,1-Biphenyl	ND	3.2	1	12/09/2014 23:59
Bis (2-chloroethoxy) Methane	ND	3.2	1	12/09/2014 23:59
Bis (2-chloroethyl) Ether	ND	3.2	1	12/09/2014 23:59
Bis (2-chloroisopropyl) Ether	ND	3.2	1	12/09/2014 23:59
Bis (2-ethylhexyl) Adipate	ND	3.2	1	12/09/2014 23:59
Bis (2-ethylhexyl) Phthalate	ND	6.5	1	12/09/2014 23:59
4-Bromophenyl Phenyl Ether	ND	16	1	12/09/2014 23:59
Butylbenzyl Phthalate	ND	3.2	1	12/09/2014 23:59
4-Chloroaniline	ND	6.5	1	12/09/2014 23:59
4-Chloro-3-methylphenol	ND	16	1	12/09/2014 23:59
2-Chloronaphthalene	ND	3.2	1	12/09/2014 23:59
2-Chlorophenol	ND	3.2	1	12/09/2014 23:59
4-Chlorophenyl Phenyl Ether	ND	3.2	1	12/09/2014 23:59
Chrysene	ND	3.2	1	12/09/2014 23:59
Dibenzo (a,h) anthracene	ND	3.2	1	12/09/2014 23:59
Dibenzofuran	ND	3.2	1	12/09/2014 23:59
Di-n-butyl Phthalate	ND	3.2	1	12/09/2014 23:59
1,2-Dichlorobenzene	ND	3.2	1	12/09/2014 23:59
1,3-Dichlorobenzene	ND	3.2	1	12/09/2014 23:59
1,4-Dichlorobenzene	ND	3.2	1	12/09/2014 23:59
3,3-Dichlorobenzidine	ND	6.5	1	12/09/2014 23:59
2,4-Dichlorophenol	ND	3.2	1	12/09/2014 23:59
Diethyl Phthalate	ND	3.2	1	12/09/2014 23:59
2,4-Dimethylphenol	ND	3.2	1	12/09/2014 23:59
Dimethyl Phthalate	ND	3.2	1	12/09/2014 23:59
4,6-Dinitro-2-methylphenol	ND	16	1	12/09/2014 23:59
2,4-Dinitrophenol	ND	40	1	12/09/2014 23:59

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	E625
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8270C
Date Prepared:	12/9/14	**Unit:**	µg/L

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-7-GW	**1412363-018C**	**Water**	**12/06/2014**	**GC17**	**98694**

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrotoluene	ND	3.2	1	12/09/2014 23:59
2,6-Dinitrotoluene	ND	3.2	1	12/09/2014 23:59
Di-n-octyl Phthalate	ND	3.2	1	12/09/2014 23:59
1,2-Diphenylhydrazine	ND	3.2	1	12/09/2014 23:59
Fluoranthene	ND	3.2	1	12/09/2014 23:59
Fluorene	ND	3.2	1	12/09/2014 23:59
Hexachlorobenzene	ND	3.2	1	12/09/2014 23:59
Hexachlorobutadiene	ND	3.2	1	12/09/2014 23:59
Hexachlorocyclopentadiene	ND	16	1	12/09/2014 23:59
Hexachloroethane	ND	3.2	1	12/09/2014 23:59
Indeno (1,2,3-cd) pyrene	ND	3.2	1	12/09/2014 23:59
Isophorone	ND	3.2	1	12/09/2014 23:59
2-Methylnaphthalene	ND	3.2	1	12/09/2014 23:59
2-Methylphenol (o-Cresol)	ND	3.2	1	12/09/2014 23:59
3 & 4-Methylphenol (m,p-Cresol)	ND	3.2	1	12/09/2014 23:59
Naphthalene	ND	3.2	1	12/09/2014 23:59
2-Nitroaniline	ND	16	1	12/09/2014 23:59
3-Nitroaniline	ND	16	1	12/09/2014 23:59
4-Nitroaniline	ND	16	1	12/09/2014 23:59
Nitrobenzene	ND	3.2	1	12/09/2014 23:59
2-Nitrophenol	ND	16	1	12/09/2014 23:59
4-Nitrophenol	ND	16	1	12/09/2014 23:59
N-Nitrosodiphenylamine	ND	3.2	1	12/09/2014 23:59
N-Nitrosodi-n-propylamine	ND	3.2	1	12/09/2014 23:59
Pentachlorophenol	ND	16	1	12/09/2014 23:59
Phenanthrene	ND	3.2	1	12/09/2014 23:59
Phenol	ND	3.2	1	12/09/2014 23:59
Pyrene	ND	3.2	1	12/09/2014 23:59
1,2,4-Trichlorobenzene	ND	3.2	1	12/09/2014 23:59
2,4,5-Trichlorophenol	ND	3.2	1	12/09/2014 23:59
2,4,6-Trichlorophenol	ND	3.2	1	12/09/2014 23:59

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	E625
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8270C
Date Prepared:	12/9/14	**Unit:**	µg/L

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-7-GW	**1412363-018C**	**Water**	**12/06/2014**	**GC17**	**98694**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits	Analytical Comments: a19,b1	
2-Fluorophenol	38	8-130		12/09/2014 23:59
Phenol-d5	31	5-130		12/09/2014 23:59
Nitrobenzene-d5	38	20-140		12/09/2014 23:59
2-Fluorobiphenyl	45	40-140		12/09/2014 23:59
2,4,6-Tribromophenol	86	16-180		12/09/2014 23:59
4-Terphenyl-d14	80	40-170		12/09/2014 23:59

Analyst(s): HK

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	E625
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8270C
Date Prepared:	12/9/14	**Unit:**	µg/L

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-GW	**1412363-019C**	**Water**	**12/06/2014**	**GC17**	**98694**

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	2.5	1	12/10/2014 00:26
Acenaphthylene	ND	2.5	1	12/10/2014 00:26
Acetochlor	ND	2.5	1	12/10/2014 00:26
Anthracene	ND	2.5	1	12/10/2014 00:26
Benzidine	ND	12	1	12/10/2014 00:26
Benzo (a) anthracene	ND	2.5	1	12/10/2014 00:26
Benzo (b) fluoranthene	ND	2.5	1	12/10/2014 00:26
Benzo (k) fluoranthene	ND	2.5	1	12/10/2014 00:26
Benzo (g,h,i) perylene	ND	2.5	1	12/10/2014 00:26
Benzo (a) pyrene	ND	2.5	1	12/10/2014 00:26
Benzyl Alcohol	ND	12	1	12/10/2014 00:26
1,1-Biphenyl	ND	2.5	1	12/10/2014 00:26
Bis (2-chloroethoxy) Methane	ND	2.5	1	12/10/2014 00:26
Bis (2-chloroethyl) Ether	ND	2.5	1	12/10/2014 00:26
Bis (2-chloroisopropyl) Ether	ND	2.5	1	12/10/2014 00:26
Bis (2-ethylhexyl) Adipate	ND	2.5	1	12/10/2014 00:26
Bis (2-ethylhexyl) Phthalate	ND	5.0	1	12/10/2014 00:26
4-Bromophenyl Phenyl Ether	ND	12	1	12/10/2014 00:26
Butylbenzyl Phthalate	ND	2.5	1	12/10/2014 00:26
4-Chloroaniline	ND	5.0	1	12/10/2014 00:26
4-Chloro-3-methylphenol	ND	12	1	12/10/2014 00:26
2-Chloronaphthalene	ND	2.5	1	12/10/2014 00:26
2-Chlorophenol	ND	2.5	1	12/10/2014 00:26
4-Chlorophenyl Phenyl Ether	ND	2.5	1	12/10/2014 00:26
Chrysene	ND	2.5	1	12/10/2014 00:26
Dibenzo (a,h) anthracene	ND	2.5	1	12/10/2014 00:26
Dibenzofuran	ND	2.5	1	12/10/2014 00:26
Di-n-butyl Phthalate	ND	2.5	1	12/10/2014 00:26
1,2-Dichlorobenzene	ND	2.5	1	12/10/2014 00:26
1,3-Dichlorobenzene	ND	2.5	1	12/10/2014 00:26
1,4-Dichlorobenzene	ND	2.5	1	12/10/2014 00:26
3,3-Dichlorobenzidine	ND	5.0	1	12/10/2014 00:26
2,4-Dichlorophenol	ND	2.5	1	12/10/2014 00:26
Diethyl Phthalate	ND	2.5	1	12/10/2014 00:26
2,4-Dimethylphenol	ND	2.5	1	12/10/2014 00:26
Dimethyl Phthalate	ND	2.5	1	12/10/2014 00:26
4,6-Dinitro-2-methylphenol	ND	12	1	12/10/2014 00:26
2,4-Dinitrophenol	ND	31	1	12/10/2014 00:26

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	E625
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8270C
Date Prepared:	12/9/14	**Unit:**	µg/L

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-GW	**1412363-019C**	**Water**	**12/06/2014**	**GC17**	**98694**

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrotoluene	ND	2.5	1	12/10/2014 00:26
2,6-Dinitrotoluene	ND	2.5	1	12/10/2014 00:26
Di-n-octyl Phthalate	ND	2.5	1	12/10/2014 00:26
1,2-Diphenylhydrazine	ND	2.5	1	12/10/2014 00:26
Fluoranthene	ND	2.5	1	12/10/2014 00:26
Fluorene	ND	2.5	1	12/10/2014 00:26
Hexachlorobenzene	ND	2.5	1	12/10/2014 00:26
Hexachlorobutadiene	ND	2.5	1	12/10/2014 00:26
Hexachlorocyclopentadiene	ND	12	1	12/10/2014 00:26
Hexachloroethane	ND	2.5	1	12/10/2014 00:26
Indeno (1,2,3-cd) pyrene	ND	2.5	1	12/10/2014 00:26
Isophorone	ND	2.5	1	12/10/2014 00:26
2-Methylnaphthalene	ND	2.5	1	12/10/2014 00:26
2-Methylphenol (o-Cresol)	ND	2.5	1	12/10/2014 00:26
3 & 4-Methylphenol (m,p-Cresol)	ND	2.5	1	12/10/2014 00:26
Naphthalene	ND	2.5	1	12/10/2014 00:26
2-Nitroaniline	ND	12	1	12/10/2014 00:26
3-Nitroaniline	ND	12	1	12/10/2014 00:26
4-Nitroaniline	ND	12	1	12/10/2014 00:26
Nitrobenzene	ND	2.5	1	12/10/2014 00:26
2-Nitrophenol	ND	12	1	12/10/2014 00:26
4-Nitrophenol	ND	12	1	12/10/2014 00:26
N-Nitrosodiphenylamine	ND	2.5	1	12/10/2014 00:26
N-Nitrosodi-n-propylamine	ND	2.5	1	12/10/2014 00:26
Pentachlorophenol	ND	12	1	12/10/2014 00:26
Phenanthrene	ND	2.5	1	12/10/2014 00:26
Phenol	ND	2.5	1	12/10/2014 00:26
Pyrene	ND	2.5	1	12/10/2014 00:26
1,2,4-Trichlorobenzene	ND	2.5	1	12/10/2014 00:26
2,4,5-Trichlorophenol	ND	2.5	1	12/10/2014 00:26
2,4,6-Trichlorophenol	ND	2.5	1	12/10/2014 00:26

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	E625
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8270C
Date Prepared:	12/9/14	**Unit:**	µg/L

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

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-GW	**1412363-019C**	**Water**	**12/06/2014**	**GC17**	**98694**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits	Analytical Comments: a19,b1	
2-Fluorophenol	21	8-130		12/10/2014 00:26
Phenol-d5	19	5-130		12/10/2014 00:26
Nitrobenzene-d5	33	20-140		12/10/2014 00:26
2-Fluorobiphenyl	41	40-140		12/10/2014 00:26
2,4,6-Tribromophenol	79	16-180		12/10/2014 00:26
4-Terphenyl-d14	75	40-170		12/10/2014 00:26

Analyst(s): HK

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3050B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW6020
Date Prepared:	12/8/14	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-5-2	**1412363-001A**	**Soil/TOTAL**	**12/06/2014**	**ICP-MS1**	**98662**

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	12/10/2014 08:59
Arsenic	**2.4**	0.50	1	12/10/2014 08:59
Barium	**160**	5.0	1	12/10/2014 08:59
Beryllium	**0.63**	0.50	1	12/10/2014 08:59
Cadmium	ND	0.25	1	12/10/2014 08:59
Chromium	**53**	0.50	1	12/10/2014 08:59
Cobalt	**11**	0.50	1	12/10/2014 08:59
Copper	**12**	0.50	1	12/10/2014 08:59
Lead	**4.8**	0.50	1	12/10/2014 08:59
Mercury	**0.066**	0.050	1	12/10/2014 08:59
Molybdenum	ND	0.50	1	12/10/2014 08:59
Nickel	**100**	5.0	10	12/10/2014 19:02
Selenium	ND	0.50	1	12/10/2014 08:59
Silver	ND	0.50	1	12/10/2014 08:59
Thallium	ND	0.50	1	12/10/2014 08:59
Vanadium	**29**	0.50	1	12/10/2014 08:59
Zinc	**27**	5.0	1	12/10/2014 08:59

Surrogates	REC (%)	Limits	
Tb 350.917	102	70-130	12/10/2014 08:59

Analyst(s): AG, DVH

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3050B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW6020
Date Prepared:	12/8/14	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-6-3.5	**1412363-006A**	**Soil/TOTAL**	**12/06/2014**	**ICP-MS1**	**98662**

Analytes	Result	RL	DF	Date Analyzed
Antimony	**0.64**	0.50	1	12/09/2014 18:46
Arsenic	**4.9**	0.50	1	12/09/2014 18:46
Barium	**550**	5.0	1	12/09/2014 18:46
Beryllium	**0.64**	0.50	1	12/09/2014 18:46
Cadmium	ND	0.25	1	12/09/2014 18:46
Chromium	**42**	0.50	1	12/09/2014 18:46
Cobalt	**8.8**	0.50	1	12/09/2014 18:46
Copper	**27**	0.50	1	12/09/2014 18:46
Lead	**36**	0.50	1	12/09/2014 18:46
Mercury	**0.093**	0.050	1	12/09/2014 18:46
Molybdenum	**0.93**	0.50	1	12/09/2014 18:46
Nickel	**46**	0.50	1	12/09/2014 18:46
Selenium	ND	0.50	1	12/09/2014 18:46
Silver	ND	0.50	1	12/09/2014 18:46
Thallium	ND	0.50	1	12/09/2014 18:46
Vanadium	**52**	0.50	1	12/09/2014 18:46
Zinc	**49**	5.0	1	12/09/2014 18:46

Surrogates	REC (%)	Limits	
Tb 350.917	92	70-130	12/09/2014 18:46

Analyst(s): DVH

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3050B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW6020
Date Prepared:	12/8/14	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-7-2	**1412363-009A**	**Soil/TOTAL**	**12/06/2014**	**ICP-MS2**	**98662**

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	12/10/2014 19:20
Arsenic	**3.4**	0.50	1	12/10/2014 19:20
Barium	**110**	5.0	1	12/10/2014 19:20
Beryllium	**0.57**	0.50	1	12/10/2014 19:20
Cadmium	ND	0.25	1	12/10/2014 19:20
Chromium	**56**	0.50	1	12/10/2014 19:20
Cobalt	**3.4**	0.50	1	12/10/2014 19:20
Copper	**15**	0.50	1	12/10/2014 19:20
Lead	**7.0**	0.50	1	12/10/2014 19:20
Mercury	ND	0.050	1	12/10/2014 19:20
Molybdenum	**0.52**	0.50	1	12/10/2014 19:20
Nickel	**44**	0.50	1	12/10/2014 19:20
Selenium	ND	0.50	1	12/10/2014 19:20
Silver	ND	0.50	1	12/10/2014 19:20
Thallium	ND	0.50	1	12/10/2014 19:20
Vanadium	**39**	0.50	1	12/10/2014 19:20
Zinc	**36**	5.0	1	12/10/2014 19:20

Surrogates	REC (%)	Limits	
Tb 350.917	97	70-130	12/10/2014 19:20

Analyst(s): DVH

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3050B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW6020
Date Prepared:	12/8/14	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-7-8.5	**1412363-012A**	**Soil/TOTAL**	**12/06/2014**	**ICP-MS1**	**98703**

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	12/10/2014 09:55
Arsenic	**2.9**	0.50	1	12/10/2014 09:55
Barium	**200**	5.0	1	12/10/2014 09:55
Beryllium	**0.55**	0.50	1	12/10/2014 09:55
Cadmium	ND	0.25	1	12/10/2014 09:55
Chromium	**62**	0.50	1	12/10/2014 09:55
Cobalt	**7.4**	0.50	1	12/10/2014 09:55
Copper	**20**	0.50	1	12/10/2014 09:55
Lead	**5.5**	0.50	1	12/10/2014 09:55
Mercury	ND	0.050	1	12/10/2014 09:55
Molybdenum	ND	0.50	1	12/10/2014 09:55
Nickel	**68**	0.50	1	12/10/2014 09:55
Selenium	ND	0.50	1	12/10/2014 09:55
Silver	ND	0.50	1	12/10/2014 09:55
Thallium	ND	0.50	1	12/10/2014 09:55
Vanadium	**39**	0.50	1	12/10/2014 09:55
Zinc	**46**	5.0	1	12/10/2014 09:55

Surrogates	REC (%)	Limits	
Tb 350.917	110	70-130	12/10/2014 09:55

Analyst(s): AG

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Angela Rydelius, Lab Manager

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3050B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW6020
Date Prepared:	12/8/14	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-3.0	**1412363-014A**	**Soil/TOTAL**	**12/06/2014**	**ICP-MS1**	**98703**

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	12/10/2014 10:19
Arsenic	**3.0**	0.50	1	12/10/2014 10:19
Barium	**89**	5.0	1	12/10/2014 10:19
Beryllium	ND	0.50	1	12/10/2014 10:19
Cadmium	ND	0.25	1	12/10/2014 10:19
Chromium	**25**	0.50	1	12/10/2014 10:19
Cobalt	**4.8**	0.50	1	12/10/2014 10:19
Copper	**13**	0.50	1	12/10/2014 10:19
Lead	**53**	0.50	1	12/10/2014 10:19
Mercury	**0.052**	0.050	1	12/10/2014 10:19
Molybdenum	ND	0.50	1	12/10/2014 10:19
Nickel	**23**	0.50	1	12/10/2014 10:19
Selenium	ND	0.50	1	12/10/2014 10:19
Silver	ND	0.50	1	12/10/2014 10:19
Thallium	ND	0.50	1	12/10/2014 10:19
Vanadium	**25**	0.50	1	12/10/2014 10:19
Zinc	**48**	5.0	1	12/10/2014 10:19

Surrogates	REC (%)	Limits	
Tb 350.917	78	70-130	12/10/2014 10:19

Analyst(s): AG

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Angela Rydelius, Lab Manager

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3050B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW6020
Date Prepared:	12/8/14	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-8.0	**1412363-016A**	**Soil/TOTAL**	**12/06/2014**	**ICP-MS1**	**98703**

Analytes	Result	RL	DF	Date Analyzed
Antimony	**0.58**	0.50	1	12/10/2014 10:44
Arsenic	**5.4**	0.50	1	12/10/2014 10:44
Barium	**150**	5.0	1	12/10/2014 10:44
Beryllium	**0.64**	0.50	1	12/10/2014 10:44
Cadmium	**0.31**	0.25	1	12/10/2014 10:44
Chromium	**53**	0.50	1	12/10/2014 10:44
Cobalt	**14**	0.50	1	12/10/2014 10:44
Copper	**23**	0.50	1	12/10/2014 10:44
Lead	**130**	5.0	10	12/10/2014 16:05
Mercury	**0.11**	0.050	1	12/10/2014 10:44
Molybdenum	ND	0.50	1	12/10/2014 10:44
Nickel	**60**	0.50	1	12/10/2014 10:44
Selenium	ND	0.50	1	12/10/2014 10:44
Silver	ND	0.50	1	12/10/2014 10:44
Thallium	ND	0.50	1	12/10/2014 10:44
Vanadium	**47**	0.50	1	12/10/2014 10:44
Zinc	**90**	5.0	1	12/10/2014 10:44

Surrogates	REC (%)	Limits	
Tb 350.917	106	70-130	12/10/2014 10:44

Analyst(s): DVH

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	E200.8
Date Received:	12/8/14 18:08	**Analytical Method:**	E200.8
Date Prepared:	12/8/14	**Unit:**	µg/L

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-5-GW	**1412363-017E**	**Water/TOTAL**	**12/06/2014**	**ICP-MS1**	**98661**

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	25	50	12/10/2014 22:54
Arsenic	**48**	25	50	12/10/2014 22:54
Barium	**9900**	250	50	12/10/2014 22:54
Beryllium	**28**	25	50	12/10/2014 22:54
Cadmium	ND	12	50	12/10/2014 22:54
Chromium	**1100**	25	50	12/10/2014 22:54
Cobalt	**610**	25	50	12/10/2014 22:54
Copper	**570**	100	50	12/10/2014 22:54
Lead	**350**	25	50	12/10/2014 22:54
Mercury	**1.9**	1.2	50	12/10/2014 22:54
Molybdenum	ND	25	50	12/10/2014 22:54
Nickel	**2900**	25	50	12/10/2014 22:54
Selenium	ND	25	50	12/10/2014 22:54
Silver	ND	9.5	50	12/10/2014 22:54
Thallium	ND	25	50	12/10/2014 22:54
Vanadium	**840**	25	50	12/10/2014 22:54
Zinc	**1200**	750	50	12/10/2014 22:54

Surrogates	REC (%)	Limits	Analytical Comments: a1,b1	
Tb 350.917	89	70-130		12/10/2014 22:54

Analyst(s): DB

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	E200.8
Date Received:	12/8/14 18:08	**Analytical Method:**	E200.8
Date Prepared:	12/8/14	**Unit:**	µg/L

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-7-GW	**1412363-018E**	**Water/TOTAL**	**12/06/2014**	**ICP-MS1**	**98661**

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	25	50	12/10/2014 17:01
Arsenic	**41**	25	50	12/10/2014 17:01
Barium	**23,000**	250	50	12/10/2014 17:01
Beryllium	**42**	25	50	12/10/2014 17:01
Cadmium	ND	12	50	12/10/2014 17:01
Chromium	**1400**	25	50	12/10/2014 17:01
Cobalt	**1100**	25	50	12/10/2014 17:01
Copper	**970**	100	50	12/10/2014 17:01
Lead	**560**	25	50	12/10/2014 17:01
Mercury	**3.3**	1.2	50	12/10/2014 17:01
Molybdenum	ND	25	50	12/10/2014 17:01
Nickel	**5200**	50	100	12/15/2014 16:52
Selenium	ND	25	50	12/10/2014 17:01
Silver	ND	9.5	50	12/10/2014 17:01
Thallium	ND	25	50	12/10/2014 17:01
Vanadium	**720**	25	50	12/10/2014 17:01
Zinc	**2700**	750	50	12/10/2014 17:01

Surrogates	REC (%)	Limits	Analytical Comments: a1,b1	
Tb 350.917	87	70-130		12/10/2014 17:01

Analyst(s): DVH

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8021B/8015Bm
Date Prepared:	12/8/14	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-5-2	**1412363-001A**	**Soil**	**12/06/2014**	**GC19**	**98680**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	1.0	1	12/09/2014 20:56
MTBE	---	0.050	1	12/09/2014 20:56
Benzene	---	0.0050	1	12/09/2014 20:56
Toluene	---	0.0050	1	12/09/2014 20:56
Ethylbenzene	---	0.0050	1	12/09/2014 20:56
Xylenes	---	0.0050	1	12/09/2014 20:56

Surrogates	REC (%)	Limits	
2-Fluorotoluene	104	70-130	12/09/2014 20:56

Analyst(s): IA

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-5-5.5	**1412363-003A**	**Soil**	**12/06/2014**	**GC19**	**98680**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	1.0	1	12/10/2014 13:30
MTBE	---	0.050	1	12/10/2014 13:30
Benzene	---	0.0050	1	12/10/2014 13:30
Toluene	---	0.0050	1	12/10/2014 13:30
Ethylbenzene	---	0.0050	1	12/10/2014 13:30
Xylenes	---	0.0050	1	12/10/2014 13:30

Surrogates	REC (%)	Limits	
2-Fluorotoluene	99	70-130	12/10/2014 13:30

Analyst(s): IA

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8021B/8015Bm
Date Prepared:	12/8/14	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-5-8.5	**1412363-004A**	**Soil**	**12/06/2014**	**GC19**	**98680**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	1.0	1	12/09/2014 20:26
MTBE	---	0.050	1	12/09/2014 20:26
Benzene	---	0.0050	1	12/09/2014 20:26
Toluene	---	0.0050	1	12/09/2014 20:26
Ethylbenzene	---	0.0050	1	12/09/2014 20:26
Xylenes	---	0.0050	1	12/09/2014 20:26

Surrogates	REC (%)	Limits	
2-Fluorotoluene	107	70-130	12/09/2014 20:26

Analyst(s): IA

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-6-2	**1412363-005A**	**Soil**	**12/06/2014**	**GC19**	**98680**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	1.0	1	12/09/2014 21:26
MTBE	---	0.050	1	12/09/2014 21:26
Benzene	---	0.0050	1	12/09/2014 21:26
Toluene	---	0.0050	1	12/09/2014 21:26
Ethylbenzene	---	0.0050	1	12/09/2014 21:26
Xylenes	---	0.0050	1	12/09/2014 21:26

Surrogates	REC (%)	Limits	
2-Fluorotoluene	109	70-130	12/09/2014 21:26

Analyst(s): IA

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8021B/8015Bm
Date Prepared:	12/8/14	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-6-3.5	**1412363-006A**	**Soil**	**12/06/2014**	**GC19**	**98680**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	1.0	1	12/09/2014 21:56
MTBE	---	0.050	1	12/09/2014 21:56
Benzene	---	0.0050	1	12/09/2014 21:56
Toluene	---	0.0050	1	12/09/2014 21:56
Ethylbenzene	---	0.0050	1	12/09/2014 21:56
Xylenes	---	0.0050	1	12/09/2014 21:56

Surrogates	REC (%)	Limits	
2-Fluorotoluene	107	70-130	12/09/2014 21:56

Analyst(s): IA

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-6-5.5	**1412363-007A**	**Soil**	**12/06/2014**	**GC19**	**98680**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	1.0	1	12/09/2014 22:56
MTBE	---	0.050	1	12/09/2014 22:56
Benzene	---	0.0050	1	12/09/2014 22:56
Toluene	---	0.0050	1	12/09/2014 22:56
Ethylbenzene	---	0.0050	1	12/09/2014 22:56
Xylenes	---	0.0050	1	12/09/2014 22:56

Surrogates	REC (%)	Limits	
2-Fluorotoluene	101	70-130	12/09/2014 22:56

Analyst(s): IA

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8021B/8015Bm
Date Prepared:	12/8/14	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-7-2	**1412363-009A**	**Soil**	**12/06/2014**	**GC19**	**98680**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	1.0	1	12/09/2014 23:55
MTBE	---	0.050	1	12/09/2014 23:55
Benzene	---	0.0050	1	12/09/2014 23:55
Toluene	---	0.0050	1	12/09/2014 23:55
Ethylbenzene	---	0.0050	1	12/09/2014 23:55
Xylenes	---	0.0050	1	12/09/2014 23:55

Surrogates	REC (%)	Limits	
2-Fluorotoluene	111	70-130	12/09/2014 23:55

Analyst(s): IA

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-7-5.5	**1412363-011A**	**Soil**	**12/06/2014**	**GC19**	**98680**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	1.0	1	12/10/2014 00:25
MTBE	---	0.050	1	12/10/2014 00:25
Benzene	---	0.0050	1	12/10/2014 00:25
Toluene	---	0.0050	1	12/10/2014 00:25
Ethylbenzene	---	0.0050	1	12/10/2014 00:25
Xylenes	---	0.0050	1	12/10/2014 00:25

Surrogates	REC (%)	Limits	
2-Fluorotoluene	104	70-130	12/10/2014 00:25

Analyst(s): IA

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8021B/8015Bm
Date Prepared:	12/8/14	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-7-8.5	**1412363-012A**	**Soil**	**12/06/2014**	**GC19**	**98680**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	1.0	1	12/10/2014 00:55
MTBE	---	0.050	1	12/10/2014 00:55
Benzene	---	0.0050	1	12/10/2014 00:55
Toluene	---	0.0050	1	12/10/2014 00:55
Ethylbenzene	---	0.0050	1	12/10/2014 00:55
Xylenes	---	0.0050	1	12/10/2014 00:55

Surrogates	REC (%)	Limits	
2-Fluorotoluene	107	70-130	12/10/2014 00:55

Analyst(s): IA

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-1.5	**1412363-013A**	**Soil**	**12/06/2014**	**GC19**	**98680**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	1.0	1	12/10/2014 01:54
MTBE	---	0.050	1	12/10/2014 01:54
Benzene	---	0.0050	1	12/10/2014 01:54
Toluene	---	0.0050	1	12/10/2014 01:54
Ethylbenzene	---	0.0050	1	12/10/2014 01:54
Xylenes	---	0.0050	1	12/10/2014 01:54

Surrogates	REC (%)	Limits	
2-Fluorotoluene	109	70-130	12/10/2014 01:54

Analyst(s): IA

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8021B/8015Bm
Date Prepared:	12/8/14	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-3.0	**1412363-014A**	**Soil**	**12/06/2014**	**GC19**	**98680**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	1.0	1	12/10/2014 02:24
MTBE	---	0.050	1	12/10/2014 02:24
Benzene	---	0.0050	1	12/10/2014 02:24
Toluene	---	0.0050	1	12/10/2014 02:24
Ethylbenzene	---	0.0050	1	12/10/2014 02:24
Xylenes	---	0.0050	1	12/10/2014 02:24

Surrogates	REC (%)	Limits	
2-Fluorotoluene	103	70-130	12/10/2014 02:24

Analyst(s): IA

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-8.0	**1412363-016A**	**Soil**	**12/06/2014**	**GC19**	**98680**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	1.0	1	12/10/2014 02:54
MTBE	---	0.050	1	12/10/2014 02:54
Benzene	---	0.0050	1	12/10/2014 02:54
Toluene	---	0.0050	1	12/10/2014 02:54
Ethylbenzene	---	0.0050	1	12/10/2014 02:54
Xylenes	---	0.0050	1	12/10/2014 02:54

Surrogates	REC (%)	Limits	
2-Fluorotoluene	107	70-130	12/10/2014 02:54

Analyst(s): IA

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8021B/8015Bm
Date Prepared:	12/9/14-12/11/14	**Unit:**	µg/L

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-5-GW	**1412363-017A**	**Water**	**12/06/2014**	**GC3**	**98797**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	50	1	12/09/2014 16:39
MTBE	---	5.0	1	12/09/2014 16:39
Benzene	---	0.50	1	12/09/2014 16:39
Toluene	---	0.50	1	12/09/2014 16:39
Ethylbenzene	---	0.50	1	12/09/2014 16:39
Xylenes	---	0.50	1	12/09/2014 16:39

Surrogates	REC (%)	Limits	Analytical Comments: b1	
aaa-TFT_2	105	70-130		12/09/2014 16:39

Analyst(s): IA

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-7-GW	**1412363-018A**	**Water**	**12/06/2014**	**GC3**	**98797**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	50	1	12/11/2014 05:36
MTBE	---	5.0	1	12/11/2014 05:36
Benzene	---	0.50	1	12/11/2014 05:36
Toluene	---	0.50	1	12/11/2014 05:36
Ethylbenzene	---	0.50	1	12/11/2014 05:36
Xylenes	---	0.50	1	12/11/2014 05:36

Surrogates	REC (%)	Limits	Analytical Comments: b1	
aaa-TFT_2	98	70-130		12/11/2014 05:36

Analyst(s): IA

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW5030B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8021B/8015Bm
Date Prepared:	12/9/14-12/11/14	**Unit:**	µg/L

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-GW	**1412363-019A**	**Water**	**12/06/2014**	**GC3**	**98797**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	50	1	12/09/2014 15:41
MTBE	---	5.0	1	12/09/2014 15:41
Benzene	---	0.50	1	12/09/2014 15:41
Toluene	---	0.50	1	12/09/2014 15:41
Ethylbenzene	---	0.50	1	12/09/2014 15:41
Xylenes	---	0.50	1	12/09/2014 15:41

Surrogates	REC (%)	Limits	Analytical Comments: b1	
aaa-TFT_2	106	70-130		12/09/2014 15:41

Analyst(s): IA

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3050B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW6020
Date Prepared:	12/8/14	**Unit:**	mg/Kg

LUFT 5 Metals

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-5-5.5	**1412363-003A**	**Soil/TOTAL**	**12/06/2014**	**ICP-MS1**	**98662**

Analytes	Result	RL	DF	Date Analyzed
Cadmium	ND	0.25	1	12/09/2014 18:40
Chromium	**51**	0.50	1	12/09/2014 18:40
Lead	**8.4**	0.50	1	12/09/2014 18:40
Nickel	**72**	0.50	1	12/09/2014 18:40
Zinc	**46**	5.0	1	12/09/2014 18:40

Surrogates	REC (%)	Limits	
Tb 350.917	107	70-130	12/09/2014 18:40

Analyst(s): DVH

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-5-8.5	**1412363-004A**	**Soil/TOTAL**	**12/06/2014**	**ICP-MS1**	**98662**

Analytes	Result	RL	DF	Date Analyzed
Cadmium	**0.39**	0.25	1	12/10/2014 09:24
Chromium	**48**	0.50	1	12/10/2014 09:24
Lead	**5.3**	0.50	1	12/10/2014 09:24
Nickel	**84**	0.50	1	12/10/2014 09:24
Zinc	**36**	5.0	1	12/10/2014 09:24

Surrogates	REC (%)	Limits	
Tb 350.917	97	70-130	12/10/2014 09:24

Analyst(s): AG

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-6-2	**1412363-005A**	**Soil/TOTAL**	**12/06/2014**	**ICP-MS1**	**98662**

Analytes	Result	RL	DF	Date Analyzed
Cadmium	ND	0.25	1	12/10/2014 09:30
Chromium	**150**	5.0	10	12/10/2014 19:08
Lead	**2600**	25	50	12/10/2014 18:56
Nickel	**82**	0.50	1	12/10/2014 09:30
Zinc	**180**	5.0	1	12/10/2014 09:30

Surrogates	REC (%)	Limits	
Tb 350.917	99	70-130	12/10/2014 09:30

Analyst(s): AG, DVH

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3050B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW6020
Date Prepared:	12/8/14	**Unit:**	mg/Kg

LUFT 5 Metals

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-6-5.5	**1412363-007A**	**Soil/TOTAL**	**12/06/2014**	**ICP-MS1**	**98662**

Analytes	Result	RL	DF	Date Analyzed
Cadmium	ND	0.25	1	12/10/2014 09:36
Chromium	**29**	0.50	1	12/10/2014 09:36
Lead	**17**	0.50	1	12/10/2014 09:36
Nickel	**29**	0.50	1	12/10/2014 09:36
Zinc	**330**	5.0	1	12/10/2014 09:36

Surrogates	REC (%)	Limits	
Tb 350.917	88	70-130	12/10/2014 09:36

Analyst(s): AG

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-7-5.5	**1412363-011A**	**Soil/TOTAL**	**12/06/2014**	**ICP-MS1**	**98703**

Analytes	Result	RL	DF	Date Analyzed
Cadmium	ND	0.25	1	12/10/2014 09:48
Chromium	**53**	0.50	1	12/10/2014 09:48
Lead	**7.4**	0.50	1	12/10/2014 09:48
Nickel	**110**	5.0	10	12/10/2014 19:14
Zinc	**40**	5.0	1	12/10/2014 09:48

Surrogates	REC (%)	Limits	
Tb 350.917	111	70-130	12/10/2014 09:48

Analyst(s): AG, DVH

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-1.5	**1412363-013A**	**Soil/TOTAL**	**12/06/2014**	**ICP-MS1**	**98703**

Analytes	Result	RL	DF	Date Analyzed
Cadmium	ND	0.25	1	12/10/2014 10:13
Chromium	**39**	0.50	1	12/10/2014 10:13
Lead	**14**	0.50	1	12/10/2014 10:13
Nickel	**44**	0.50	1	12/10/2014 10:13
Zinc	**36**	5.0	1	12/10/2014 10:13

Surrogates	REC (%)	Limits	
Tb 350.917	90	70-130	12/10/2014 10:13

Analyst(s): AG

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	E200.8
Date Received:	12/8/14 18:08	**Analytical Method:**	E200.8
Date Prepared:	12/8/14	**Unit:**	µg/L

LUFT 5 Metals

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-GW	**1412363-019E**	**Water/TOTAL**	**12/06/2014**	**ICP-MS2**	**98661**

Analytes	Result	RL	DF	Date Analyzed
Cadmium	**7.2**	5.0	20	12/10/2014 14:02
Chromium	**3000**	50	100	12/10/2014 21:28
Lead	**640**	10	20	12/10/2014 14:02
Nickel	**3500**	50	100	12/10/2014 21:28
Zinc	**1800**	300	20	12/10/2014 14:02

Surrogates	REC (%)	Limits	Analytical Comments: b1	
Tb 350.917	85	70-130		12/10/2014 14:02

Analyst(s): DB, DVH

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8015B
Date Prepared:	12/8/14	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-5-2	**1412363-001A**	**Soil**	**12/06/2014**	**GC2A**	**98679**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	12/09/2014 18:20
TPH-Motor Oil (C18-C36)	ND	5.0	1	12/09/2014 18:20

Surrogates	REC (%)	Limits	
C9	119	70-130	12/09/2014 18:20

Analyst(s): TK

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-5-5.5	**1412363-003A**	**Soil**	**12/06/2014**	**GC6A**	**98679**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	12/09/2014 11:27
TPH-Motor Oil (C18-C36)	ND	5.0	1	12/09/2014 11:27

Surrogates	REC (%)	Limits	
C9	103	70-130	12/09/2014 11:27

Analyst(s): TK

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-5-8.5	**1412363-004A**	**Soil**	**12/06/2014**	**GC2A**	**98679**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	12/09/2014 16:58
TPH-Motor Oil (C18-C36)	ND	5.0	1	12/09/2014 16:58

Surrogates	REC (%)	Limits	
C9	119	70-130	12/09/2014 16:58

Analyst(s): TK

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8015B
Date Prepared:	12/8/14	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-6-2	**1412363-005A**	**Soil**	**12/06/2014**	**GC6B**	**98679**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**7.4**	1.0	1	12/09/2014 21:15
TPH-Motor Oil (C18-C36)	**27**	5.0	1	12/09/2014 21:15

Surrogates	REC (%)	Limits	Analytical Comments: e7,e2	
C9	100	70-130		12/09/2014 21:15

Analyst(s): TK

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-6-3.5	**1412363-006A**	**Soil**	**12/06/2014**	**GC6A**	**98679**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**2.8**	1.0	1	12/09/2014 12:39
TPH-Motor Oil (C18-C36)	**6.0**	5.0	1	12/09/2014 12:39

Surrogates	REC (%)	Limits	Analytical Comments: e7,e2,e11	
C9	98	70-130		12/09/2014 12:39

Analyst(s): TK

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-6-5.5	**1412363-007A**	**Soil**	**12/06/2014**	**GC2B**	**98679**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	12/10/2014 21:41
TPH-Motor Oil (C18-C36)	ND	5.0	1	12/10/2014 21:41

Surrogates	REC (%)	Limits	
C9	125	70-130	12/10/2014 21:41

Analyst(s): TK

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8015B
Date Prepared:	12/8/14	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-7-2	**1412363-009A**	**Soil**	**12/06/2014**	**GC2A**	**98679**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	12/09/2014 22:08
TPH-Motor Oil (C18-C36)	**5.4**	5.0	1	12/09/2014 22:08

Surrogates	REC (%)	Limits	Analytical Comments: e7	
C9	118	70-130		12/09/2014 22:08

Analyst(s): TK

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-7-5.5	**1412363-011A**	**Soil**	**12/06/2014**	**GC2A**	**98679**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	12/10/2014 03:12
TPH-Motor Oil (C18-C36)	ND	5.0	1	12/10/2014 03:12

Surrogates	REC (%)	Limits	
C9	118	70-130	12/10/2014 03:12

Analyst(s): TK

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-7-8.5	**1412363-012A**	**Soil**	**12/06/2014**	**GC2A**	**98679**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	12/10/2014 00:40
TPH-Motor Oil (C18-C36)	ND	5.0	1	12/10/2014 00:40

Surrogates	REC (%)	Limits	
C9	119	70-130	12/10/2014 00:40

Analyst(s): TK

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3550B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8015B
Date Prepared:	12/8/14	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-1.5	**1412363-013A**	**Soil**	**12/06/2014**	**GC11B**	**98679**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**2.4**	1.0	1	12/12/2014 02:28
TPH-Motor Oil (C18-C36)	**14**	5.0	1	12/12/2014 02:28

Surrogates	REC (%)	Limits	Analytical Comments: e7,e2	
C9	112	70-130		12/12/2014 02:28

Analyst(s): TK

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-3.0	**1412363-014A**	**Soil**	**12/06/2014**	**GC2A**	**98679**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**81**	5.0	5	12/10/2014 05:44
TPH-Motor Oil (C18-C36)	**140**	25	5	12/10/2014 05:44

Surrogates	REC (%)	Limits	Analytical Comments: e7,e4	
C9	114	70-130		12/10/2014 05:44

Analyst(s): TK

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-8.0	**1412363-016A**	**Soil**	**12/06/2014**	**GC6B**	**98679**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**3.5**	1.0	1	12/09/2014 17:41
TPH-Motor Oil (C18-C36)	**11**	5.0	1	12/09/2014 17:41

Surrogates	REC (%)	Limits	Analytical Comments: e7,e2	
C9	103	70-130		12/09/2014 17:41

Analyst(s): TK

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW3510C
Date Received:	12/8/14 18:08	**Analytical Method:**	SW8015B
Date Prepared:	12/8/14	**Unit:**	µg/L

Total Extractable Petroleum Hydrocarbons

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-5-GW	**1412363-017A**	**Water**	**12/06/2014**	**GC2A**	**98704**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**190**	50	1	12/09/2014 10:21
TPH-Motor Oil (C18-C36)	**250**	250	1	12/09/2014 10:21

Surrogates	REC (%)	Limits	Analytical Comments: e7,e8,e3,b1
C9	107	70-130	12/09/2014 10:21

Analyst(s): TK

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-7-GW	**1412363-018A**	**Water**	**12/06/2014**	**GC6A**	**98704**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**610**	50	1	12/09/2014 02:25
TPH-Motor Oil (C18-C36)	**670**	250	1	12/09/2014 02:25

Surrogates	REC (%)	Limits	Analytical Comments: e7,e8,e2,b1
C9	96	70-130	12/09/2014 02:25

Analyst(s): TK

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-GW	**1412363-019A**	**Water**	**12/06/2014**	**GC9b**	**98704**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**63**	50	1	12/09/2014 18:02
TPH-Motor Oil (C18-C36)	ND	250	1	12/09/2014 18:02

Surrogates	REC (%)	Limits	Analytical Comments: e2,b1
C9	104	70-130	12/09/2014 18:02

Analyst(s): TK

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/8/14	**BatchID:**	98689
Date Analyzed:	12/8/14	**Extraction Method:**	SW3550B
Instrument:	GC22	**Analytical Method:**	SW8081A/8082
Matrix:	Soil	**Unit:**	mg/kg
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-98689 1412240-015AMS/MSD

QC Summary Report for SW8081A/8082

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Aldrin	ND	0.0613	0.0010	0.050	-	123	70-130
a-BHC	ND	-	0.0010	-	-	-	-
b-BHC	ND	-	0.0010	-	-	-	-
d-BHC	ND	-	0.0010	-	-	-	-
g-BHC	ND	0.0583	0.0010	0.050	-	117	70-130
Chlordane (Technical)	ND	-	0.025	-	-	-	-
a-Chlordane	ND	-	0.0010	-	-	-	-
g-Chlordane	ND	-	0.0010	-	-	-	-
p,p-DDD	ND	-	0.0010	-	-	-	-
p,p-DDE	ND	-	0.0010	-	-	-	-
p,p-DDT	ND	0.0556	0.0010	0.050	-	111	70-130
Dieldrin	ND	0.0434	0.0010	0.050	-	87	70-130
Endosulfan I	ND	-	0.0010	-	-	-	-
Endosulfan II	ND	-	0.0010	-	-	-	-
Endosulfan sulfate	ND	-	0.0010	-	-	-	-
Endrin	ND	0.0583	0.0010	0.050	-	117	70-130
Endrin aldehyde	ND	-	0.0010	-	-	-	-
Endrin ketone	ND	-	0.0010	-	-	-	-
Heptachlor	ND	0.0524	0.0010	0.050	-	105	70-130
Heptachlor epoxide	ND	-	0.0010	-	-	-	-
Hexachlorobenzene	ND	-	0.010	-	-	-	-
Hexachlorocyclopentadiene	ND	-	0.020	-	-	-	-
Methoxychlor	ND	-	0.0010	-	-	-	-
Toxaphene	ND	-	0.050	-	-	-	-
Aroclor1016	ND	-	0.050	-	-	-	-
Aroclor1221	ND	-	0.050	-	-	-	-
Aroclor1232	ND	-	0.050	-	-	-	-
Aroclor1242	ND	-	0.050	-	-	-	-
Aroclor1248	ND	-	0.050	-	-	-	-
Aroclor1254	ND	-	0.050	-	-	-	-
Aroclor1260	ND	-	0.050	-	-	-	-
PCBs, total	ND	-	0.050	-	-	-	-
Surrogate Recovery							
Decachlorobiphenyl	0.0504	0.0484		0.050	101	97	70-130

(Cont.)

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/8/14	**BatchID:**	98689
Date Analyzed:	12/8/14	**Extraction Method:**	SW3550B
Instrument:	GC22	**Analytical Method:**	SW8081A/8082
Matrix:	Soil	**Unit:**	mg/kg
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-98689 1412240-015AMS/MSD

QC Summary Report for SW8081A/8082

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Aldrin	0.0624	0.0617	0.050	ND	125	123	70-130	1.09	30
g-BHC	0.0587	0.0580	0.050	ND	117	116	70-130	1.30	30
p,p-DDT	0.0567	0.0560	0.050	ND	113	112	70-130	1.26	30
Dieldrin	0.0645	0.0643	0.050	ND	129	129	70-130	0	30
Endrin	0.0645	0.0638	0.050	ND	129	128	70-130	0.990	30
Heptachlor	0.0548	0.0544	0.050	ND	110	109	70-130	0.692	30
Surrogate Recovery									
Decachlorobiphenyl	0.0487	0.0471	0.050		97	94	70-130	3.36	30

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/8/14	**BatchID:**	98689
Date Analyzed:	12/8/14	**Extraction Method:**	SW3550B
Instrument:	GC22	**Analytical Method:**	SW8081A
Matrix:	Soil	**Unit:**	mg/kg
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-98689 1412240-015AMS/MSD

QC Summary Report for SW8081A

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Aldrin	ND	0.0613	0.0010	0.050	-	123	70-130
a-BHC	ND	-	0.0010	-	-	-	-
b-BHC	ND	-	0.0010	-	-	-	-
d-BHC	ND	-	0.0010	-	-	-	-
g-BHC	ND	0.0583	0.0010	0.050	-	117	70-130
Chlordane (Technical)	ND	-	0.025	-	-	-	-
a-Chlordane	ND	-	0.0010	-	-	-	-
g-Chlordane	ND	-	0.0010	-	-	-	-
p,p-DDD	ND	-	0.0010	-	-	-	-
p,p-DDE	ND	-	0.0010	-	-	-	-
p,p-DDT	ND	0.0556	0.0010	0.050	-	111	70-130
Dieldrin	ND	0.0434	0.0010	0.050	-	87	70-130
Endosulfan I	ND	-	0.0010	-	-	-	-
Endosulfan II	ND	-	0.0010	-	-	-	-
Endosulfan sulfate	ND	-	0.0010	-	-	-	-
Endrin	ND	0.0583	0.0010	0.050	-	117	70-130
Endrin aldehyde	ND	-	0.0010	-	-	-	-
Endrin ketone	ND	-	0.0010	-	-	-	-
Heptachlor	ND	0.0524	0.0010	0.050	-	105	70-130
Heptachlor epoxide	ND	-	0.0010	-	-	-	-
Hexachlorobenzene	ND	-	0.010	-	-	-	-
Hexachlorocyclopentadiene	ND	-	0.020	-	-	-	-
Methoxychlor	ND	-	0.0010	-	-	-	-
Toxaphene	ND	-	0.050	-	-	-	-
Aroclor1016	ND	-	0.050	-	-	-	-
Aroclor1221	ND	-	0.050	-	-	-	-
Aroclor1232	ND	-	0.050	-	-	-	-
Aroclor1242	ND	-	0.050	-	-	-	-
Aroclor1248	ND	-	0.050	-	-	-	-
Aroclor1254	ND	-	0.050	-	-	-	-
Aroclor1260	ND	-	0.050	-	-	-	-
PCBs, total	ND	-	0.050	-	-	-	-
Surrogate Recovery							
Decachlorobiphenyl	0.0504	0.0484		0.050	101	97	70-130

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/8/14	**BatchID:**	98689
Date Analyzed:	12/8/14	**Extraction Method:**	SW3550B
Instrument:	GC22	**Analytical Method:**	SW8081A
Matrix:	Soil	**Unit:**	mg/kg
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-98689 1412240-015AMS/MSD

QC Summary Report for SW8081A

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Aldrin	0.0624	0.0617	0.050	ND	125	123	70-130	1.09	30
g-BHC	0.0587	0.0580	0.050	ND	117	116	70-130	1.30	30
p,p-DDT	0.0567	0.0560	0.050	ND	113	112	70-130	1.26	30
Dieldrin	0.0645	0.0643	0.050	ND	129	129	70-130	0	30
Endrin	0.0645	0.0638	0.050	ND	129	128	70-130	0.990	30
Heptachlor	0.0548	0.0544	0.050	ND	110	109	70-130	0.692	30
Surrogate Recovery									
Decachlorobiphenyl	0.0487	0.0471	0.050		97	94	70-130	3.36	30

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/9/14	**BatchID:**	98768
Date Analyzed:	12/11/14	**Extraction Method:**	SW3550B
Instrument:	GC22	**Analytical Method:**	SW8081A
Matrix:	Soil	**Unit:**	mg/kg
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-98768 1412412-009AMS/MSD

QC Summary Report for SW8081A

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Aldrin	ND	0.0431	0.0010	0.050	-	86	70-130
a-BHC	ND	-	0.0010	-	-	-	-
b-BHC	ND	-	0.0010	-	-	-	-
d-BHC	ND	-	0.0010	-	-	-	-
g-BHC	ND	0.0430	0.0010	0.050	-	86	70-130
Chlordane (Technical)	ND	-	0.025	-	-	-	-
a-Chlordane	ND	-	0.0010	-	-	-	-
g-Chlordane	ND	-	0.0010	-	-	-	-
p,p-DDD	ND	-	0.0010	-	-	-	-
p,p-DDE	ND	-	0.0010	-	-	-	-
p,p-DDT	ND	0.0462	0.0010	0.050	-	92	70-130
Dieldrin	ND	0.0510	0.0010	0.050	-	102	70-130
Endosulfan I	ND	-	0.0010	-	-	-	-
Endosulfan II	ND	-	0.0010	-	-	-	-
Endosulfan sulfate	ND	-	0.0010	-	-	-	-
Endrin	ND	0.0427	0.0010	0.050	-	85	70-130
Endrin aldehyde	ND	-	0.0010	-	-	-	-
Endrin ketone	ND	-	0.0010	-	-	-	-
Heptachlor	ND	0.0434	0.0010	0.050	-	87	70-130
Heptachlor epoxide	ND	-	0.0010	-	-	-	-
Hexachlorobenzene	ND	-	0.010	-	-	-	-
Hexachlorocyclopentadiene	ND	-	0.020	-	-	-	-
Methoxychlor	ND	-	0.0010	-	-	-	-
Toxaphene	ND	-	0.050	-	-	-	-
Surrogate Recovery							
Decachlorobiphenyl	0.0469	0.0486		0.050	94	97	70-130

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/9/14	**BatchID:**	98768
Date Analyzed:	12/11/14	**Extraction Method:**	SW3550B
Instrument:	GC22	**Analytical Method:**	SW8081A
Matrix:	Soil	**Unit:**	mg/kg
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-98768 1412412-009AMS/MSD

QC Summary Report for SW8081A

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Aldrin	NR	NR		ND<0.02	NR	NR	-	NR	
g-BHC	NR	NR		ND<0.02	NR	NR	-	NR	
p,p-DDT	NR	NR		ND<0.02	NR	NR	-	NR	
Dieldrin	NR	NR		ND<0.02	NR	NR	-	NR	
Endrin	NR	NR		ND<0.02	NR	NR	-	NR	
Heptachlor	NR	NR		ND<0.02	NR	NR	-	NR	
Surrogate Recovery									
Decachlorobiphenyl	NR	NR			NR	NR	-	NR	

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/8/14	**BatchID:**	98702
Date Analyzed:	12/10/14	**Extraction Method:**	SW3550B
Instrument:	GC23	**Analytical Method:**	SW8082
Matrix:	Soil	**Unit:**	mg/kg
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-98702 1412363-006AMS/MSD

QC Summary Report for SW8082

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Aroclor1016	ND	-	0.050	-	-	-	-
Aroclor1221	ND	-	0.050	-	-	-	-
Aroclor1232	ND	-	0.050	-	-	-	-
Aroclor1242	ND	-	0.050	-	-	-	-
Aroclor1248	ND	-	0.050	-	-	-	-
Aroclor1254	ND	-	0.050	-	-	-	-
Aroclor1260	ND	0.186	0.050	0.15	-	124	70-130
PCBs, total	ND	-	0.050	-	-	-	-
Surrogate Recovery							
Decachlorobiphenyl	0.0608	0.0608		0.050	122	122	70-130

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Aroclor1260	0.181	0.187	0.15	ND	121	125	70-130	3.09	30
Surrogate Recovery									
Decachlorobiphenyl	0.0624	0.0647	0.050		125	129	70-130	3.56	30

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/8/14	**BatchID:**	98679
Date Analyzed:	12/8/14 - 12/9/14	**Extraction Method:**	SW3550B
Instrument:	GC11A	**Analytical Method:**	SW8015B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-98679 1412348-001AMS/MSD

QC Summary Report for SW8015B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH-Diesel (C10-C23)	ND	39.5	1.0	40	-	99	70-130
TPH-Motor Oil (C18-C36)	ND	-	5.0	-	-	-	-
Surrogate Recovery							
C9	25.6	25.7		25	102	103	70-130

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	44.4	44.1	40	1.433	107	107	70-130	0	30
Surrogate Recovery									
C9	27.6	27.7	25		111	111	70-130	0	30

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/8/14	**BatchID:**	98680
Date Analyzed:	12/8/14	**Extraction Method:**	SW5030B
Instrument:	GC19	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Soil	**Unit:**	mg/Kg
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-98680 1412348-001AMS/MSD

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH(btex)	ND	0.602	0.40	0.60	-	100	70-130
MTBE	ND	0.0958	0.050	0.10	-	96	70-130
Benzene	ND	0.105	0.0050	0.10	-	105	70-130
Toluene	ND	0.107	0.0050	0.10	-	106	70-130
Ethylbenzene	ND	0.110	0.0050	0.10	-	110	70-130
Xylenes	ND	0.353	0.0050	0.30	-	118	70-130
Surrogate Recovery							
2-Fluorotoluene	0.112	0.110		0.10	112	110	70-130

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH(btex)	0.591	0.570	0.60	ND	98	95	70-130	3.57	20
MTBE	0.0900	0.0921	0.10	ND	90	92	70-130	2.28	20
Benzene	0.0979	0.102	0.10	ND	98	102	70-130	3.77	20
Toluene	0.100	0.103	0.10	ND	98	101	70-130	2.66	20
Ethylbenzene	0.103	0.106	0.10	ND	103	106	70-130	3.00	20
Xylenes	0.333	0.340	0.30	ND	111	113	70-130	2.09	20
Surrogate Recovery									
2-Fluorotoluene	0.102	0.106	0.10		102	106	70-130	3.65	20

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/8/14	**BatchID:**	98690
Date Analyzed:	12/8/14	**Extraction Method:**	SW5030B
Instrument:	GC10	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-98690 1412240-015AMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acetone	ND	-	0.10	-	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.0412	0.0050	0.050	-	82	59-99
Benzene	ND	0.0506	0.0050	0.050	-	101	68-120
Bromobenzene	ND	-	0.0050	-	-	-	-
Bromochloromethane	ND	-	0.0050	-	-	-	-
Bromodichloromethane	ND	-	0.0050	-	-	-	-
Bromoform	ND	-	0.0050	-	-	-	-
Bromomethane	ND	-	0.0050	-	-	-	-
2-Butanone (MEK)	ND	-	0.020	-	-	-	-
t-Butyl alcohol (TBA)	ND	0.178	0.050	0.20	-	89	56-120
n-Butyl benzene	ND	-	0.0050	-	-	-	-
sec-Butyl benzene	ND	-	0.0050	-	-	-	-
tert-Butyl benzene	ND	-	0.0050	-	-	-	-
Carbon Disulfide	ND	-	0.0050	-	-	-	-
Carbon Tetrachloride	ND	-	0.0050	-	-	-	-
Chlorobenzene	ND	0.0513	0.0050	0.050	-	103	74-112
Chloroethane	ND	-	0.0050	-	-	-	-
Chloroform	ND	-	0.0050	-	-	-	-
Chloromethane	ND	-	0.0050	-	-	-	-
2-Chlorotoluene	ND	-	0.0050	-	-	-	-
4-Chlorotoluene	ND	-	0.0050	-	-	-	-
Dibromochloromethane	ND	-	0.0050	-	-	-	-
1,2-Dibromo-3-chloropropane	ND	-	0.0040	-	-	-	-
1,2-Dibromoethane (EDB)	ND	0.0456	0.0040	0.050	-	91	61-108
Dibromomethane	ND	-	0.0050	-	-	-	-
1,2-Dichlorobenzene	ND	-	0.0050	-	-	-	-
1,3-Dichlorobenzene	ND	-	0.0050	-	-	-	-
1,4-Dichlorobenzene	ND	-	0.0050	-	-	-	-
Dichlorodifluoromethane	ND	-	0.0050	-	-	-	-
1,1-Dichloroethane	ND	-	0.0050	-	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.0447	0.0040	0.050	-	89	68-112
1,1-Dichloroethene	ND	0.0503	0.0050	0.050	-	101	61-113
cis-1,2-Dichloroethene	ND	-	0.0050	-	-	-	-
trans-1,2-Dichloroethene	ND	-	0.0050	-	-	-	-
1,2-Dichloropropane	ND	-	0.0050	-	-	-	-
1,3-Dichloropropane	ND	-	0.0050	-	-	-	-
2,2-Dichloropropane	ND	-	0.0050	-	-	-	-
1,1-Dichloropropene	ND	-	0.0050	-	-	-	-
cis-1,3-Dichloropropene	ND	-	0.0050	-	-	-	-
trans-1,3-Dichloropropene	ND	-	0.0050	-	-	-	-

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/8/14	**BatchID:**	98690
Date Analyzed:	12/8/14	**Extraction Method:**	SW5030B
Instrument:	GC10	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-98690 1412240-015AMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Diisopropyl ether (DIPE)	ND	0.0383	0.0050	0.050	-	77	61-115
Ethylbenzene	ND	-	0.0050	-	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.0407	0.0050	0.050	-	81	63-108
Freon 113	ND	-	0.0050	-	-	-	-
Hexachlorobutadiene	ND	-	0.0050	-	-	-	-
Hexachloroethane	ND	-	0.0050	-	-	-	-
2-Hexanone	ND	-	0.0050	-	-	-	-
Isopropylbenzene	ND	-	0.0050	-	-	-	-
4-Isopropyl toluene	ND	-	0.0050	-	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.0445	0.0050	0.050	-	89	63-105
Methylene chloride	ND	-	0.0050	-	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	-	0.0050	-	-	-	-
Naphthalene	ND	-	0.0050	-	-	-	-
n-Propyl benzene	ND	-	0.0050	-	-	-	-
Styrene	ND	-	0.0050	-	-	-	-
1,1,1,2-Tetrachloroethane	ND	-	0.0050	-	-	-	-
1,1,2,2-Tetrachloroethane	ND	-	0.0050	-	-	-	-
Tetrachloroethene	ND	-	0.0050	-	-	-	-
Toluene	ND	0.0532	0.0050	0.050	-	106	76-120
1,2,3-Trichlorobenzene	ND	-	0.0050	-	-	-	-
1,2,4-Trichlorobenzene	ND	-	0.0050	-	-	-	-
1,1,1-Trichloroethane	ND	-	0.0050	-	-	-	-
1,1,2-Trichloroethane	ND	-	0.0050	-	-	-	-
Trichloroethene	ND	0.0528	0.0050	0.050	-	105	66-124
Trichlorofluoromethane	ND	-	0.0050	-	-	-	-
1,2,3-Trichloropropane	ND	-	0.0050	-	-	-	-
1,2,4-Trimethylbenzene	ND	-	0.0050	-	-	-	-
1,3,5-Trimethylbenzene	ND	-	0.0050	-	-	-	-
Vinyl Chloride	ND	-	0.0050	-	-	-	-
Xylenes, Total	ND	-	0.0050	-	-	-	-
Surrogate Recovery							
Dibromofluoromethane	0.121	0.129		0.12	97	103	77-115
Toluene-d8	0.131	0.136		0.12	105	109	83-122
4-BFB	0.0105	0.0114		0.012	84	91	70-118

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/8/14	**BatchID:**	98690
Date Analyzed:	12/8/14	**Extraction Method:**	SW5030B
Instrument:	GC10	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-98690 1412240-015AMS/MSD

QC Summary Report for SW8260B

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
tert-Amyl methyl ether (TAME)	0.0445	0.0436	0.050	ND	89	87	70-130	2.06	30
Benzene	0.0499	0.0495	0.050	ND	100	99	70-130	0.837	30
t-Butyl alcohol (TBA)	0.186	0.185	0.20	ND	93	92	70-130	0.368	30
Chlorobenzene	0.0483	0.0481	0.050	ND	97	96	70-130	0.427	30
1,2-Dibromoethane (EDB)	0.0476	0.0464	0.050	ND	95	93	70-130	2.53	30
1,2-Dichloroethane (1,2-DCA)	0.0483	0.0474	0.050	ND	97	95	70-130	1.90	30
1,1-Dichloroethene	0.0528	0.0524	0.050	ND	106	105	70-130	0.708	30
Diisopropyl ether (DIPE)	0.0482	0.0477	0.050	ND	96	95	70-130	0.992	30
Ethyl tert-butyl ether (ETBE)	0.0473	0.0466	0.050	ND	95	93	70-130	1.34	30
Methyl-t-butyl ether (MTBE)	0.0462	0.0443	0.050	ND	92	89	70-130	4.22	30
Toluene	0.0516	0.0509	0.050	ND	103	102	70-130	1.41	30
Trichloroethene	0.0517	0.0513	0.050	ND	103	103	70-130	0	30
Surrogate Recovery									
Dibromofluoromethane	0.133	0.130	0.12		106	104	70-130	1.73	30
Toluene-d8	0.137	0.137	0.12		110	110	70-130	0	30
4-BFB	0.0132	0.0130	0.012		105	104	70-130	0.923	30

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/8/14	**BatchID:**	98694
Date Analyzed:	12/8/14	**Extraction Method:**	E625
Instrument:	GC17	**Analytical Method:**	SW8270C
Matrix:	Water	**Unit:**	µg/L
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-98694

QC Summary Report for SW8270C

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acenaphthene	ND	16.7	1.0	20	-	84	47-145
Acenaphthylene	ND	-	1.0	-	-	-	-
Anthracene	ND	-	1.0	-	-	-	-
Benzidine	ND	-	5.0	-	-	-	-
Benzo (a) anthracene	ND	-	1.0	-	-	-	-
Benzo (b) fluoranthene	ND	-	1.0	-	-	-	-
Benzo (k) fluoranthene	ND	-	1.0	-	-	-	-
Benzo (g,h,i) perylene	ND	-	1.0	-	-	-	-
Benzo (a) pyrene	ND	-	1.0	-	-	-	-
Bis (2-chloroethoxy) Methane	ND	-	1.0	-	-	-	-
Bis (2-chloroethyl) Ether	ND	-	1.0	-	-	-	-
Bis (2-chloroisopropyl) Ether	ND	-	1.0	-	-	-	-
Bis (2-ethylhexyl) Adipate	ND	-	1.0	-	-	-	-
Bis (2-ethylhexyl) Phthalate	ND	-	2.0	-	-	-	-
4-Bromophenyl Phenyl Ether	ND	-	5.0	-	-	-	-
Butylbenzyl Phthalate	ND	-	1.0	-	-	-	-
4-Chloro-3-methylphenol	ND	17.3	1.0	20	-	86	22-147
2-Chloronaphthalene	ND	-	1.0	-	-	-	-
2-Chlorophenol	ND	13.6	1.0	20	-	68	23-134
4-Chlorophenyl Phenyl Ether	ND	-	1.0	-	-	-	-
Chrysene	ND	-	1.0	-	-	-	-
Dibenzo (a,h) anthracene	ND	-	1.0	-	-	-	-
Di-n-butyl Phthalate	ND	-	1.0	-	-	-	-
1,2-Dichlorobenzene	ND	-	1.0	-	-	-	-
1,3-Dichlorobenzene	ND	-	1.0	-	-	-	-
1,4-Dichlorobenzene	ND	8.92	1.0	20	-	45	20-124
3,3-Dichlorobenzidine	ND	-	2.0	-	-	-	-
2,4-Dichlorophenol	ND	-	1.0	-	-	-	-
Diethyl Phthalate	ND	-	1.0	-	-	-	-
2,4-Dimethylphenol	ND	-	1.0	-	-	-	-
Dimethyl Phthalate	ND	-	1.0	-	-	-	-
4,6-Dinitro-2-methylphenol	ND	-	5.0	-	-	-	-
2,4-Dinitrophenol	ND	-	5.0	-	-	-	-
2,4-Dinitrotoluene	ND	19.2	1.0	20	-	96	39-139
2,6-Dinitrotoluene	ND	-	1.0	-	-	-	-
Di-n-octyl Phthalate	ND	-	2.0	-	-	-	-
1,2-Diphenylhydrazine	ND	-	1.0	-	-	-	-
Fluoranthene	ND	-	1.0	-	-	-	-
Fluorene	ND	-	1.0	-	-	-	-
Hexachlorobenzene	ND	-	1.0	-	-	-	-

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/8/14	**BatchID:**	98694
Date Analyzed:	12/8/14	**Extraction Method:**	E625
Instrument:	GC17	**Analytical Method:**	SW8270C
Matrix:	Water	**Unit:**	µg/L
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-98694

QC Summary Report for SW8270C

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Hexachlorobutadiene	ND	-	1.0	-	-	-	-
Hexachlorocyclopentadiene	ND	-	5.0	-	-	-	-
Hexachloroethane	ND	-	1.0	-	-	-	-
Indeno (1,2,3-cd) pyrene	ND	-	1.0	-	-	-	-
Isophorone	ND	-	1.0	-	-	-	-
2-Methylphenol (o-cresol)	ND	-	1.0	-	-	-	-
3 & 4-Methylphenol (m,p-Cresol)	ND	-	1.0	-	-	-	-
Naphthalene	ND	-	1.0	-	-	-	-
Nitrobenzene	ND	-	1.0	-	-	-	-
2-Nitrophenol	ND	-	5.0	-	-	-	-
4-Nitrophenol	ND	48.7	5.0	100	-	49	0-132
N-Nitrosodimethylamine	ND	-	5.0	-	-	-	-
N-Nitrosodiphenylamine	ND	-	1.0	-	-	-	-
N-Nitrosodi-n-propylamine	ND	14.0	1.0	20	-	70	0-230
Pentachlorophenol	ND	41.8	5.0	40	-	105	14-176
Phenanthrene	ND	-	1.0	-	-	-	-
Phenol	ND	7.15	1.0	20	-	36	5-112
Pyrene	ND	17.9	1.0	20	-	90	52-115
1,2,4-Trichlorobenzene	ND	11.8	1.0	20	-	59	44-142
2,4,6-Trichlorophenol	ND	-	1.0	-	-	-	-
Surrogate Recovery							
2-Fluorophenol	16.6	16.1		20	83	81	8-130
Phenol-d5	12.6	12.5		20	63	62	5-130
Nitrobenzene-d5	20.8	23.9		20	104	119	20-140
2-Fluorobiphenyl	23.4	24.2		20	117	121	40-140
2,4,6-Tribromophenol	30.0	35.9		20	150	179	30-180
Terphenyl-d14	28.1	30.3		20	141	152	40-170

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/8/14	**BatchID:**	98701
Date Analyzed:	12/10/14	**Extraction Method:**	SW5030B
Instrument:	GC10	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-98701 1412363-016AMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acetone	ND	-	0.10	-	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.0429	0.0050	0.050	-	86	59-99
Benzene	ND	0.0541	0.0050	0.050	-	108	68-120
Bromobenzene	ND	-	0.0050	-	-	-	-
Bromochloromethane	ND	-	0.0050	-	-	-	-
Bromodichloromethane	ND	-	0.0050	-	-	-	-
Bromoform	ND	-	0.0050	-	-	-	-
Bromomethane	ND	-	0.0050	-	-	-	-
2-Butanone (MEK)	ND	-	0.020	-	-	-	-
t-Butyl alcohol (TBA)	ND	0.169	0.050	0.20	-	85	56-120
n-Butyl benzene	ND	-	0.0050	-	-	-	-
sec-Butyl benzene	ND	-	0.0050	-	-	-	-
tert-Butyl benzene	ND	-	0.0050	-	-	-	-
Carbon Disulfide	ND	-	0.0050	-	-	-	-
Carbon Tetrachloride	ND	-	0.0050	-	-	-	-
Chlorobenzene	ND	0.0522	0.0050	0.050	-	104	74-112
Chloroethane	ND	-	0.0050	-	-	-	-
Chloroform	ND	-	0.0050	-	-	-	-
Chloromethane	ND	-	0.0050	-	-	-	-
2-Chlorotoluene	ND	-	0.0050	-	-	-	-
4-Chlorotoluene	ND	-	0.0050	-	-	-	-
Dibromochloromethane	ND	-	0.0050	-	-	-	-
1,2-Dibromo-3-chloropropane	ND	-	0.0040	-	-	-	-
1,2-Dibromoethane (EDB)	ND	0.0483	0.0040	0.050	-	97	61-108
Dibromomethane	ND	-	0.0050	-	-	-	-
1,2-Dichlorobenzene	ND	-	0.0050	-	-	-	-
1,3-Dichlorobenzene	ND	-	0.0050	-	-	-	-
1,4-Dichlorobenzene	ND	-	0.0050	-	-	-	-
Dichlorodifluoromethane	ND	-	0.0050	-	-	-	-
1,1-Dichloroethane	ND	-	0.0050	-	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.0462	0.0040	0.050	-	92	68-112
1,1-Dichloroethene	ND	0.0552	0.0050	0.050	-	110	61-113
cis-1,2-Dichloroethene	ND	-	0.0050	-	-	-	-
trans-1,2-Dichloroethene	ND	-	0.0050	-	-	-	-
1,2-Dichloropropane	ND	-	0.0050	-	-	-	-
1,3-Dichloropropane	ND	-	0.0050	-	-	-	-
2,2-Dichloropropane	ND	-	0.0050	-	-	-	-
1,1-Dichloropropene	ND	-	0.0050	-	-	-	-
cis-1,3-Dichloropropene	ND	-	0.0050	-	-	-	-
trans-1,3-Dichloropropene	ND	-	0.0050	-	-	-	-

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/8/14	**BatchID:**	98701
Date Analyzed:	12/10/14	**Extraction Method:**	SW5030B
Instrument:	GC10	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-98701 1412363-016AMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Diisopropyl ether (DIPE)	ND	0.0406	0.0050	0.050	-	81	61-115
Ethylbenzene	ND	-	0.0050	-	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.0427	0.0050	0.050	-	85	63-108
Freon 113	ND	-	0.0050	-	-	-	-
Hexachlorobutadiene	ND	-	0.0050	-	-	-	-
Hexachloroethane	ND	-	0.0050	-	-	-	-
2-Hexanone	ND	-	0.0050	-	-	-	-
Isopropylbenzene	ND	-	0.0050	-	-	-	-
4-Isopropyl toluene	ND	-	0.0050	-	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.0458	0.0050	0.050	-	92	63-105
Methylene chloride	ND	-	0.0050	-	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	-	0.0050	-	-	-	-
Naphthalene	ND	-	0.0050	-	-	-	-
n-Propyl benzene	ND	-	0.0050	-	-	-	-
Styrene	ND	-	0.0050	-	-	-	-
1,1,1,2-Tetrachloroethane	ND	-	0.0050	-	-	-	-
1,1,2,2-Tetrachloroethane	ND	-	0.0050	-	-	-	-
Tetrachloroethene	ND	-	0.0050	-	-	-	-
Toluene	ND	0.0556	0.0050	0.050	-	111	76-120
1,2,3-Trichlorobenzene	ND	-	0.0050	-	-	-	-
1,2,4-Trichlorobenzene	ND	-	0.0050	-	-	-	-
1,1,1-Trichloroethane	ND	-	0.0050	-	-	-	-
1,1,2-Trichloroethane	ND	-	0.0050	-	-	-	-
Trichloroethene	ND	0.0575	0.0050	0.050	-	115	66-124
Trichlorofluoromethane	ND	-	0.0050	-	-	-	-
1,2,3-Trichloropropane	ND	-	0.0050	-	-	-	-
1,2,4-Trimethylbenzene	ND	-	0.0050	-	-	-	-
1,3,5-Trimethylbenzene	ND	-	0.0050	-	-	-	-
Vinyl Chloride	ND	-	0.0050	-	-	-	-
Xylenes, Total	ND	-	0.0050	-	-	-	-
Surrogate Recovery							
Dibromofluoromethane	0.119	0.129		0.12	95	103	77-115
Toluene-d8	0.130	0.135		0.12	104	108	83-122
4-BFB	0.0106	0.0126		0.012	85	101	70-118

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/8/14	**BatchID:**	98701
Date Analyzed:	12/10/14	**Extraction Method:**	SW5030B
Instrument:	GC10	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-98701 1412363-016AMS/MSD

QC Summary Report for SW8260B

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
tert-Amyl methyl ether (TAME)	0.0398	0.0373	0.050	ND	80	75	70-130	6.55	30
Benzene	0.0468	0.0467	0.050	ND	94	93	70-130	0.220	30
t-Butyl alcohol (TBA)	0.144	0.158	0.20	ND	72	79	70-130	9.18	30
Chlorobenzene	0.0472	0.0472	0.050	ND	94	94	70-130	0	30
1,2-Dibromoethane (EDB)	0.0482	0.0394	0.050	ND	96	79	70-130	20.2	30
1,2-Dichloroethane (1,2-DCA)	0.0409	0.0394	0.050	ND	82	79	70-130	3.74	30
1,1-Dichloroethene	0.0491	0.0467	0.050	ND	98	93	70-130	5.02	30
Diisopropyl ether (DIPE)	0.0359	0.0347	0.050	ND	72	69,F1	70-130	3.47	30
Ethyl tert-butyl ether (ETBE)	0.0384	0.0367	0.050	ND	77	73	70-130	4.51	30
Methyl-t-butyl ether (MTBE)	0.0395	0.0389	0.050	ND	79	78	70-130	1.58	30
Toluene	0.0461	0.0479	0.050	ND	92	96	70-130	3.81	30
Trichloroethene	0.0557	0.0588	0.050	ND	111	118	70-130	5.28	30
Surrogate Recovery									
Dibromofluoromethane	0.138	0.127	0.12		110	102	70-130	7.99	30
Toluene-d8	0.128	0.131	0.12		102	105	70-130	2.36	30
4-BFB	0.0130	0.0113	0.012		104	90	70-130	14.0	30

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/8/14	**BatchID:**	98705
Date Analyzed:	12/10/14	**Extraction Method:**	SW3510C
Instrument:	GC20	**Analytical Method:**	SW8082
Matrix:	Water	**Unit:**	µg/L
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-98705

QC Summary Report for SW8082

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Aroclor1016	ND	-	0.50	-	-	-	-
Aroclor1221	ND	-	0.50	-	-	-	-
Aroclor1232	ND	-	0.50	-	-	-	-
Aroclor1242	ND	-	0.50	-	-	-	-
Aroclor1248	ND	-	0.50	-	-	-	-
Aroclor1254	ND	-	0.50	-	-	-	-
Aroclor1260	ND	4.71	0.50	3.75	-	126	70-130
PCBs, total	ND	-	0.50	-	-	-	-
Surrogate Recovery							
Decachlorobiphenyl	1.46	1.51		1.25	116	121	70-130

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/9/14	**BatchID:**	98737
Date Analyzed:	12/9/14	**Extraction Method:**	SW3550B
Instrument:	GC17	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-98737 1412362-002AMS/MSD

QC Summary Report for SW8270C

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acenaphthene	ND	3.29	0.25	5	-	66	30-130
Acenaphthylene	ND	-	0.25	-	-	-	-
Acetochlor	ND	-	0.25	-	-	-	-
Anthracene	ND	-	0.25	-	-	-	-
Benzidine	ND	-	1.3	-	-	-	-
Benzo (a) anthracene	ND	-	0.25	-	-	-	-
Benzo (b) fluoranthene	ND	-	0.25	-	-	-	-
Benzo (k) fluoranthene	ND	-	0.25	-	-	-	-
Benzo (g,h,i) perylene	ND	-	0.25	-	-	-	-
Benzo (a) pyrene	ND	-	0.25	-	-	-	-
Benzyl Alcohol	ND	-	1.3	-	-	-	-
1,1-Biphenyl	ND	-	0.25	-	-	-	-
Bis (2-chloroethoxy) Methane	ND	-	0.25	-	-	-	-
Bis (2-chloroethyl) Ether	ND	-	0.25	-	-	-	-
Bis (2-chloroisopropyl) Ether	ND	-	0.25	-	-	-	-
Bis (2-ethylhexyl) Adipate	ND	-	0.25	-	-	-	-
Bis (2-ethylhexyl) Phthalate	ND	-	0.25	-	-	-	-
4-Bromophenyl Phenyl Ether	ND	-	0.25	-	-	-	-
Butylbenzyl Phthalate	ND	-	0.25	-	-	-	-
4-Chloroaniline	ND	-	0.50	-	-	-	-
4-Chloro-3-methylphenol	ND	3.76	0.25	5	-	75	30-130
2-Chloronaphthalene	ND	-	0.25	-	-	-	-
2-Chlorophenol	ND	3.57	0.25	5	-	71	30-130
4-Chlorophenyl Phenyl Ether	ND	-	0.25	-	-	-	-
Chrysene	ND	-	0.25	-	-	-	-
Dibenzo (a,h) anthracene	ND	-	0.25	-	-	-	-
Dibenzofuran	ND	-	0.25	-	-	-	-
Di-n-butyl Phthalate	ND	-	0.25	-	-	-	-
1,2-Dichlorobenzene	ND	-	0.25	-	-	-	-
1,3-Dichlorobenzene	ND	-	0.25	-	-	-	-
1,4-Dichlorobenzene	ND	3.02	0.25	5	-	60	30-130
3,3-Dichlorobenzidine	ND	-	0.50	-	-	-	-
2,4-Dichlorophenol	ND	-	0.25	-	-	-	-
Diethyl Phthalate	ND	-	0.25	-	-	-	-
2,4-Dimethylphenol	ND	-	0.25	-	-	-	-
Dimethyl Phthalate	ND	-	0.25	-	-	-	-
4,6-Dinitro-2-methylphenol	ND	-	1.3	-	-	-	-
2,4-Dinitrophenol	ND	-	6.3	-	-	-	-
2,4-Dinitrotoluene	ND	3.47	0.25	5	-	69	30-130
2,6-Dinitrotoluene	ND	-	0.25	-	-	-	-

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/9/14	**BatchID:**	98737
Date Analyzed:	12/9/14	**Extraction Method:**	SW3550B
Instrument:	GC17	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-98737 1412362-002AMS/MSD

QC Summary Report for SW8270C

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Di-n-octyl Phthalate	ND	-	0.50	-	-	-	-
1,2-Diphenylhydrazine	ND	-	0.25	-	-	-	-
Fluoranthene	ND	-	0.25	-	-	-	-
Fluorene	ND	-	0.25	-	-	-	-
Hexachlorobenzene	ND	-	0.25	-	-	-	-
Hexachlorobutadiene	ND	-	0.25	-	-	-	-
Hexachlorocyclopentadiene	ND	-	1.3	-	-	-	-
Hexachloroethane	ND	-	0.25	-	-	-	-
Indeno (1,2,3-cd) pyrene	ND	-	0.25	-	-	-	-
Isophorone	ND	-	0.25	-	-	-	-
2-Methylnaphthalene	ND	-	0.25	-	-	-	-
2-Methylphenol (o-Cresol)	ND	-	0.25	-	-	-	-
Naphthalene	ND	-	0.25	-	-	-	-
2-Nitroaniline	ND	-	1.3	-	-	-	-
3-Nitroaniline	ND	-	1.3	-	-	-	-
4-Nitroaniline	ND	-	1.3	-	-	-	-
Nitrobenzene	ND	-	0.25	-	-	-	-
2-Nitrophenol	ND	-	1.3	-	-	-	-
4-Nitrophenol	ND	3.38	1.3	5	-	68	30-130
N-Nitrosodiphenylamine	ND	-	0.25	-	-	-	-
N-Nitrosodi-n-propylamine	ND	3.12	0.25	5	-	62	30-130
Pentachlorophenol	ND	2.25	1.3	5	-	45	30-130
Phenanthrene	ND	-	0.25	-	-	-	-
Phenol	ND	3.44	0.25	5	-	69	30-130
Pyrene	ND	3.34	0.25	5	-	67	30-130
1,2,4-Trichlorobenzene	ND	3.73	0.25	5	-	75	30-130
2,4,5-Trichlorophenol	ND	-	0.25	-	-	-	-
2,4,6-Trichlorophenol	ND	-	0.25	-	-	-	-
Surrogate Recovery							
2-Fluorophenol	4.05	3.53		5	81	71	30-130
Phenol-d5	3.78	3.28		5	76	66	30-130
Nitrobenzene-d5	3.86	3.63		5	77	73	30-130
2-Fluorobiphenyl	3.62	3.20		5	72	64	30-130
2,4,6-Tribromophenol	2.82	2.64		5	56	53	16-130
4-Terphenyl-d14	3.63	3.29		5	73	66	30-130

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/9/14	**BatchID:**	98737
Date Analyzed:	12/9/14	**Extraction Method:**	SW3550B
Instrument:	GC17	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-98737 1412362-002AMS/MSD

QC Summary Report for SW8270C

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Acenaphthene	3.70	4.40	5	ND	74	88	30-130	17.3	30
4-Chloro-3-methylphenol	4.38	5.05	5	ND	88	101	30-130	14.1	30
2-Chlorophenol	3.98	4.50	5	ND	80	90	30-130	12.2	30
1,4-Dichlorobenzene	3.20	3.54	5	ND	64	71	30-130	10.1	30
2,4-Dinitrotoluene	4.12	4.93	5	ND	82	99	30-130	17.9	30
4-Nitrophenol	4.06	4.86	5	ND	81	97	30-130	18.0	30
N-Nitrosodi-n-propylamine	3.38	3.79	5	ND	68	76	30-130	11.6	30
Pentachlorophenol	2.65	2.78	5	ND	53	56	30-130	4.81	30
Phenol	3.91	4.42	5	ND	78	88	30-130	12.3	30
Pyrene	3.63	4.32	5	ND	73	86	30-130	17.3	30
1,2,4-Trichlorobenzene	3.83	4.33	5	ND	77	87	30-130	12.2	30
Surrogate Recovery									
2-Fluorophenol	3.73	4.21	5		75	84	30-130	12.1	30
Phenol-d5	3.49	3.95	5		70	79	30-130	12.3	30
Nitrobenzene-d5	3.61	4.11	5		72	82	30-130	13.0	30
2-Fluorobiphenyl	3.30	3.94	5		66	79	30-130	17.8	30
2,4,6-Tribromophenol	2.78	3.22	5		56	64	16-130	15.0	30
4-Terphenyl-d14	3.42	4.07	5		68	81	30-130	17.4	30

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/9/14	**BatchID:**	98797
Date Analyzed:	12/9/14	**Extraction Method:**	SW5030B
Instrument:	GC3	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Water	**Unit:**	µg/L
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-98797 1412363-017AMS/MSD

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH(btex)	ND	62.5	40	60	-	104	70-130
MTBE	ND	9.27	5.0	10	-	93	70-130
Benzene	ND	10.8	0.50	10	-	108	70-130
Toluene	ND	10.9	0.50	10	-	109	70-130
Ethylbenzene	ND	10.8	0.50	10	-	108	70-130
Xylenes	ND	32.5	0.50	30	-	108	70-130
Surrogate Recovery							
aaa-TFT_2	10.2	10.1		10	102	101	70-130

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH(btex)	57.4	57.6	60	ND	96	96	70-130	0	20
MTBE	8.47	8.20	10	ND	85	82	70-130	3.33	20
Benzene	10.6	10.7	10	ND	105	107	70-130	1.70	20
Toluene	10.7	10.8	10	ND	107	108	70-130	0.868	20
Ethylbenzene	10.7	10.9	10	ND	107	109	70-130	1.90	20
Xylenes	32.6	32.8	30	ND	109	110	70-130	0.812	20
Surrogate Recovery									
aaa-TFT_2	10.1	10.0	10		101	100	70-130	0.933	20

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/10/14	**BatchID:**	98836
Date Analyzed:	12/10/14	**Extraction Method:**	SW5030B
Instrument:	GC28	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-98836 1412363-017BMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acetone	ND	-	10	-	-	-	-
tert-Amyl methyl ether (TAME)	ND	10.3	0.50	10	-	103	54-140
Benzene	ND	10.5	0.50	10	-	105	47-158
Bromobenzene	ND	-	0.50	-	-	-	-
Bromochloromethane	ND	-	0.50	-	-	-	-
Bromodichloromethane	ND	-	0.50	-	-	-	-
Bromoform	ND	-	0.50	-	-	-	-
Bromomethane	ND	-	0.50	-	-	-	-
2-Butanone (MEK)	ND	-	2.0	-	-	-	-
t-Butyl alcohol (TBA)	ND	36.3	2.0	40	-	91	42-140
n-Butyl benzene	ND	-	0.50	-	-	-	-
sec-Butyl benzene	ND	-	0.50	-	-	-	-
tert-Butyl benzene	ND	-	0.50	-	-	-	-
Carbon Disulfide	ND	-	0.50	-	-	-	-
Carbon Tetrachloride	ND	-	0.50	-	-	-	-
Chlorobenzene	ND	10.4	0.50	10	-	104	43-157
Chloroethane	ND	-	0.50	-	-	-	-
Chloroform	ND	-	0.50	-	-	-	-
Chloromethane	ND	-	0.50	-	-	-	-
2-Chlorotoluene	ND	-	0.50	-	-	-	-
4-Chlorotoluene	ND	-	0.50	-	-	-	-
Dibromochloromethane	ND	-	0.50	-	-	-	-
1,2-Dibromo-3-chloropropane	ND	-	0.20	-	-	-	-
1,2-Dibromoethane (EDB)	ND	10.2	0.50	10	-	102	44-155
Dibromomethane	ND	-	0.50	-	-	-	-
1,2-Dichlorobenzene	ND	-	0.50	-	-	-	-
1,3-Dichlorobenzene	ND	-	0.50	-	-	-	-
1,4-Dichlorobenzene	ND	-	0.50	-	-	-	-
Dichlorodifluoromethane	ND	-	0.50	-	-	-	-
1,1-Dichloroethane	ND	-	0.50	-	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	10.0	0.50	10	-	100	66-125
1,1-Dichloroethene	ND	10.4	0.50	10	-	105	47-149
cis-1,2-Dichloroethene	ND	-	0.50	-	-	-	-
trans-1,2-Dichloroethene	ND	-	0.50	-	-	-	-
1,2-Dichloropropane	ND	-	0.50	-	-	-	-
1,3-Dichloropropane	ND	-	0.50	-	-	-	-
2,2-Dichloropropane	ND	-	0.50	-	-	-	-
1,1-Dichloropropene	ND	-	0.50	-	-	-	-
cis-1,3-Dichloropropene	ND	-	0.50	-	-	-	-
trans-1,3-Dichloropropene	ND	-	0.50	-	-	-	-

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/10/14	**BatchID:**	98836
Date Analyzed:	12/10/14	**Extraction Method:**	SW5030B
Instrument:	GC28	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-98836 1412363-017BMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Diisopropyl ether (DIPE)	ND	10.6	0.50	10	-	105	57-136
Ethylbenzene	ND	-	0.50	-	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	10.5	0.50	10	-	105	55-137
Freon 113	ND	-	0.50	-	-	-	-
Hexachlorobutadiene	ND	-	0.50	-	-	-	-
Hexachloroethane	ND	-	0.50	-	-	-	-
2-Hexanone	ND	-	0.50	-	-	-	-
Isopropylbenzene	ND	-	0.50	-	-	-	-
4-Isopropyl toluene	ND	-	0.50	-	-	-	-
Methyl-t-butyl ether (MTBE)	ND	10.0	0.50	10	-	100	53-139
Methylene chloride	ND	-	0.50	-	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	-	0.50	-	-	-	-
Naphthalene	ND	-	0.50	-	-	-	-
n-Propyl benzene	ND	-	0.50	-	-	-	-
Styrene	ND	-	0.50	-	-	-	-
1,1,1,2-Tetrachloroethane	ND	-	0.50	-	-	-	-
1,1,2,2-Tetrachloroethane	ND	-	0.50	-	-	-	-
Tetrachloroethene	ND	-	0.50	-	-	-	-
Toluene	ND	9.99	0.50	10	-	100	52-137
1,2,3-Trichlorobenzene	ND	-	0.50	-	-	-	-
1,2,4-Trichlorobenzene	ND	-	0.50	-	-	-	-
1,1,1-Trichloroethane	ND	-	0.50	-	-	-	-
1,1,2-Trichloroethane	ND	-	0.50	-	-	-	-
Trichloroethene	ND	10.6	0.50	10	-	106	43-157
Trichlorofluoromethane	ND	-	0.50	-	-	-	-
1,2,3-Trichloropropane	ND	-	0.50	-	-	-	-
1,2,4-Trimethylbenzene	ND	-	0.50	-	-	-	-
1,3,5-Trimethylbenzene	ND	-	0.50	-	-	-	-
Vinyl Chloride	ND	-	0.50	-	-	-	-
Xylenes, Total	ND	-	0.50	-	-	-	-
Surrogate Recovery							
Dibromofluoromethane	26.5	26.6		25	106	106	65-135
Toluene-d8	25.7	26.1		25	103	104	64-127
4-BFB	2.38	2.44		2.5	95	97	59-139

(Cont.)

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/10/14	**BatchID:**	98836
Date Analyzed:	12/10/14	**Extraction Method:**	SW5030B
Instrument:	GC28	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-98836 1412363-017BMS/MSD

QC Summary Report for SW8260B

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
tert-Amyl methyl ether (TAME)	12.2	12.6	10	ND	122	126	70-130	3.01	20
Benzene	10.8	11.4	10	ND	108	114	70-130	5.72	20
t-Butyl alcohol (TBA)	51.6	50.9	40	ND	129	127	70-130	1.40	20
Chlorobenzene	10.9	11.2	10	ND	109	112	70-130	2.86	20
1,2-Dibromoethane (EDB)	11.4	11.8	10	ND	114	117	70-130	3.36	20
1,2-Dichloroethane (1,2-DCA)	11.4	11.8	10	ND	114	118	70-130	3.57	20
1,1-Dichloroethene	10.4	10.8	10	ND	104	108	70-130	3.38	20
Diisopropyl ether (DIPE)	11.8	12.3	10	ND	118	123	70-130	3.81	20
Ethyl tert-butyl ether (ETBE)	12.0	12.7	10	ND	120	127	70-130	5.11	20
Methyl-t-butyl ether (MTBE)	11.8	11.8	10	ND	118	118	70-130	0	20
Toluene	10.1	10.7	10	ND	100	106	70-130	5.96	20
Trichloroethene	11.4	11.9	10	ND	114	119	70-130	4.18	20
Surrogate Recovery									
Dibromofluoromethane	27.0	26.8	25		108	107	73-131	0.972	20
Toluene-d8	25.1	25.5	25		100	102	72-117	1.63	20
4-BFB	2.38	2.44	2.5		95	98	74-116	2.26	20

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/8/14	**BatchID:**	98662
Date Analyzed:	12/8/14	**Extraction Method:**	SW3050B
Instrument:	ICP-MS2	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/Kg
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-98662 1412338-001AMS/MSD

QC Summary Report for SW6020

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Antimony	ND	45.7	0.50	50	-	91	75-125
Arsenic	ND	47.6	0.50	50	-	95	75-125
Barium	ND	469	5.0	500	-	94	75-125
Beryllium	ND	50.3	0.50	50	-	101	75-125
Cadmium	ND	48.1	0.25	50	-	96	75-125
Chromium	ND	49.6	0.50	50	-	99	75-125
Cobalt	ND	47.6	0.50	50	-	95	75-125
Copper	ND	47.8	0.50	50	-	96	75-125
Lead	ND	48.3	0.50	50	-	97	75-125
Mercury	ND	1.04	0.050	1.25	-	83	75-125
Molybdenum	ND	43.4	0.50	50	-	87	75-125
Nickel	ND	48.4	0.50	50	-	97	75-125
Selenium	ND	52.7	0.50	50	-	105	75-125
Silver	ND	48.4	0.50	50	-	97	75-125
Thallium	ND	48.0	0.50	50	-	96	75-125
Vanadium	ND	48.9	0.50	50	-	98	75-125
Zinc	ND	501	5.0	500	-	100	75-125
Surrogate Recovery							
Tb 350.917	544	500		500	109	100	70-130

(Cont.)

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/8/14	**BatchID:**	98662
Date Analyzed:	12/8/14	**Extraction Method:**	SW3050B
Instrument:	ICP-MS2	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/Kg
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-98662 1412338-001AMS/MSD

QC Summary Report for SW6020

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Antimony	48.4	50.3	50	1.284	94	98	75-125	3.79	20
Arsenic	62.1	63.7	50	13.53	97	100	75-125	2.56	20
Barium	670	706	500	149.8	104	111	75-125	5.16	20
Beryllium	47.1	49.0	50	0.6076	93	97	75-125	3.91	20
Cadmium	48.5	51.2	50	ND	97	102	75-125	5.44	20
Chromium	NR	NR	50	66.28	NR	NR	75-125	NR	20
Cobalt	57.8	59.4	50	14.80	86	89	75-125	2.73	20
Copper	98.4	101	50	49.22	98	103	75-125	2.54	20
Lead	71.3	69.9	50	21.07	100	98	75-125	1.95	20
Mercury	1.13	1.22	1.25	0.07270	85	92	75-125	7.64	20
Molybdenum	45.7	48.0	50	0.6176	90	95	75-125	4.87	20
Nickel	NR	NR	50	73.36	NR	NR	75-125	NR	20
Selenium	51.0	54.9	50	ND	101	109	75-125	7.50	20
Silver	48.3	50.6	50	ND	96	101	75-125	4.73	20
Thallium	49.3	51.7	50	ND	98	103	75-125	4.67	20
Vanadium	NR	NR	50	63.78	NR	NR	75-125	NR	20
Zinc	569	601	500	85.54	97	103	75-125	5.46	20
Surrogate Recovery									
Tb 350.917	502	530	500		100	106	70-130	5.50	20

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/8/14	**BatchID:**	98703
Date Analyzed:	12/10/14	**Extraction Method:**	SW3050B
Instrument:	ICP-MS1	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/Kg
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-98703 1412363-012AMS/MSD

QC Summary Report for SW6020

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Antimony	ND	46.7	0.50	50	-	93	75-125
Arsenic	ND	46.6	0.50	50	-	93	75-125
Barium	ND	474	5.0	500	-	95	75-125
Beryllium	ND	46.2	0.50	50	-	92	75-125
Cadmium	ND	46.9	0.25	50	-	94	75-125
Chromium	ND	48.0	0.50	50	-	95	75-125
Cobalt	ND	45.6	0.50	50	-	91	75-125
Copper	ND	46.9	0.50	50	-	94	75-125
Lead	ND	44.7	0.50	50	-	89	75-125
Mercury	ND	1.04	0.050	1.25	-	83	75-125
Molybdenum	ND	43.1	0.50	50	-	86	75-125
Nickel	ND	47.0	0.50	50	-	94	75-125
Selenium	ND	48.0	0.50	50	-	96	75-125
Silver	ND	47.1	0.50	50	-	94	75-125
Thallium	ND	45.5	0.50	50	-	91	75-125
Vanadium	ND	46.6	0.50	50	-	93	75-125
Zinc	ND	484	5.0	500	-	97	75-125
Surrogate Recovery							
Tb 350.917	530	494		500	106	99	70-130

(Cont.)

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/8/14	**BatchID:**	98703
Date Analyzed:	12/10/14	**Extraction Method:**	SW3050B
Instrument:	ICP-MS1	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/Kg
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-98703 1412363-012AMS/MSD

QC Summary Report for SW6020

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Antimony	50.2	45.3	50	ND	100	90	75-125	10.4	20
Arsenic	50.6	45.6	50	2.853	96	86	75-125	10.4	20
Barium	684	642	500	195.6	98	89	75-125	6.35	20
Beryllium	50.8	45.8	50	0.5493	101	90	75-125	10.5	20
Cadmium	49.7	45.3	50	ND	99	91	75-125	9.22	20
Chromium	121	109	50	62.08	117	93	75-125	10.4	20
Cobalt	53.4	50.8	50	7.430	92	87	75-125	5.14	20
Copper	73.1	65.2	50	19.52	107	91	75-125	11.5	20
Lead	54.3	49.0	50	5.490	98	87	75-125	10.2	20
Mercury	1.12	1.02	1.25	ND	87	79	75-125	9.82	20
Molybdenum	47.4	43.0	50	ND	95	86	75-125	9.72	20
Nickel	129	116	50	67.80	122	97	75-125	10.1	20
Selenium	47.4	44.6	50	ND	95	89	75-125	5.98	20
Silver	50.2	45.8	50	ND	100	92	75-125	9.25	20
Thallium	49.8	40.5	50	ND	99	81	75-125	20.6,F1	20
Vanadium	93.7	82.3	50	39.45	109	86	75-125	13.0	20
Zinc	560	503	500	46.35	103	91	75-125	10.7	20
Surrogate Recovery									
Tb 350.917	510	463	500		102	93	70-130	9.65	20

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/8/14	**BatchID:**	98661
Date Analyzed:	12/8/14	**Extraction Method:**	E200.8
Instrument:	ICP-MS2	**Analytical Method:**	E200.8
Matrix:	Water	**Unit:**	µg/L
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-98661 1412345-001BMS/MSD

QC Summary Report for E200.8

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Antimony	ND	54.3	0.50	50	-	109	85-115
Arsenic	ND	50.5	0.50	50	-	101	85-115
Barium	ND	489	5.0	500	-	98	85-115
Beryllium	ND	53.2	0.50	50	-	106	85-115
Cadmium	ND	50.6	0.25	50	-	101	85-115
Chromium	ND	51.8	0.50	50	-	103	85-115
Cobalt	ND	51.0	0.50	50	-	102	85-115
Copper	ND	51.7	2.0	50	-	103	85-115
Lead	ND	51.3	0.50	50	-	103	85-115
Mercury	ND	1.14	0.025	1.25	-	91	85-115
Molybdenum	ND	52.2	0.50	50	-	104	85-115
Nickel	ND	51.6	0.50	50	-	103	85-115
Selenium	ND	56.1	0.50	50	-	112	85-115
Silver	ND	50.1	0.19	50	-	100	85-115
Thallium	ND	52.0	0.50	50	-	104	85-115
Vanadium	ND	51.2	0.50	50	-	102	85-115
Zinc	ND	537	15	500	-	107	85-115
Surrogate Recovery							
Tb 350.917	725	723		750	97	96	70-130

(Cont.)

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/8/14	**BatchID:**	98661
Date Analyzed:	12/8/14	**Extraction Method:**	E200.8
Instrument:	ICP-MS2	**Analytical Method:**	E200.8
Matrix:	Water	**Unit:**	µg/L
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-98661 1412345-001BMS/MSD

QC Summary Report for E200.8

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Antimony	NR	NR		ND<10	NR	NR	-	NR	
Arsenic	NR	NR		ND<10	NR	NR	-	NR	
Barium	NR	NR		ND<100	NR	NR	-	NR	
Beryllium	NR	NR		ND<10	NR	NR	-	NR	
Cadmium	NR	NR		ND<5	NR	NR	-	NR	
Chromium	NR	NR		11	NR	NR	-	NR	
Cobalt	NR	NR		ND<10	NR	NR	-	NR	
Copper	NR	NR		62	NR	NR	-	NR	
Lead	NR	NR		ND<10	NR	NR	-	NR	
Mercury	NR	NR		ND<0.5	NR	NR	-	NR	
Molybdenum	NR	NR		12	NR	NR	-	NR	
Nickel	NR	NR		15	NR	NR	-	NR	
Selenium	NR	NR		ND<10	NR	NR	-	NR	
Silver	NR	NR		ND<3.8	NR	NR	-	NR	
Thallium	NR	NR		ND<10	NR	NR	-	NR	
Vanadium	NR	NR		ND<10	NR	NR	-	NR	
Zinc	NR	NR		1100	NR	NR	-	NR	
Surrogate Recovery									
Tb 350.917	NR	NR			NR	NR	-	NR	

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/8/14	**BatchID:**	98704
Date Analyzed:	12/9/14	**Extraction Method:**	SW3510C
Instrument:	GC6A	**Analytical Method:**	SW8015B
Matrix:	Water	**Unit:**	µg/L
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-98704

QC Summary Report for SW8015B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH-Diesel (C10-C23)	ND	1040	50	1000	-	104	61-157
TPH-Motor Oil (C18-C36)	ND	-	250	-	-	-	-
Surrogate Recovery							
C9	597	590		625	96	94	70-134

McCampbell Analytical, Inc.
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CHAIN-OF-CUSTODY RECORD

WorkOrder: 1412363 **ClientCode: TWRF**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ 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: pcusack@langan.com
cc/3rd Party:
PO:
ProjectNo: #731641603; 2342 Valdez Street

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

Requested TAT: 5 days

Date Received: **12/08/2014**
Date Printed: **12/15/2014**

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
1412363-001	B-5-2	Soil	12/6/2014	☐		A			A		A			A		
1412363-003	B-5-5.5	Soil	12/6/2014	☐					A						A	
1412363-004	B-5-8.5	Soil	12/6/2014	☐											A	
1412363-005	B-6-2	Soil	12/6/2014	☐	A						A				A	
1412363-006	B-6-3.5	Soil	12/6/2014	☐			A		A		A			A		
1412363-007	B-6-5.5	Soil	12/6/2014	☐							A				A	
1412363-009	B-7-2	Soil	12/6/2014	☐	A									A		
1412363-011	B-7-5.5	Soil	12/6/2014	☐			A		A		A				A	
1412363-012	B-7-8.5	Soil	12/6/2014	☐					A					A		
1412363-013	CPT-7-1.5	Soil	12/6/2014	☐		A			A		A				A	
1412363-014	CPT-7-3.0	Soil	12/6/2014	☐	A				A		A			A		
1412363-016	CPT-7-8.0	Soil	12/6/2014	☐			A		A		A			A		
1412363-017	B-5-GW	Water	12/6/2014	☐				D		B		C	E			
1412363-018	B-7-GW	Water	12/6/2014	☐				D		B		C	E			
1412363-019	CPT-7-GW	Water	12/6/2014	☐				D		B		C				E

Test Legend:

1	8081_S	2	8081PCB_S	3	8082A_PCB_S	4	8082A_PCB_W	5	8260B_S
6	8260B_W	7	8270D_S	8	8270D_W	9	CAM17(T)MS_W	10	CAM17MS_S
11	LUFTMS_S	12	LUFTMS_W						

The following SampIDs: 001A, 003A, 004A, 005A, 006A, 007A, 009A, 011A, 012A, 013A, 014A, 016A, 017A, 018A, 019A contain testgroup.

Prepared by: Jena Alfaro

Comments: SEND HARD COPY/ Always notify the PM when TAT is not going to bet met! JEL 9-9-14

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.
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Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1412363 **ClientCode: TWRF**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ 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: pcusack@langan.com
cc/3rd Party:
PO:
ProjectNo: #731641603; 2342 Valdez Street

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

Requested TAT: 5 days

Date Received: **12/08/2014**
Date Printed: **12/15/2014**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					13	14	15	16	17	18	19	20	21	22	23	24
1412363-001	B-5-2	Soil	12/6/2014	☐	A											
1412363-003	B-5-5.5	Soil	12/6/2014	☐	A											
1412363-004	B-5-8.5	Soil	12/6/2014	☐	A											
1412363-005	B-6-2	Soil	12/6/2014	☐	A											
1412363-006	B-6-3.5	Soil	12/6/2014	☐	A											
1412363-007	B-6-5.5	Soil	12/6/2014	☐	A											
1412363-009	B-7-2	Soil	12/6/2014	☐	A											
1412363-011	B-7-5.5	Soil	12/6/2014	☐	A											
1412363-012	B-7-8.5	Soil	12/6/2014	☐	A											
1412363-013	CPT-7-1.5	Soil	12/6/2014	☐	A											
1412363-014	CPT-7-3.0	Soil	12/6/2014	☐	A											
1412363-016	CPT-7-8.0	Soil	12/6/2014	☐	A											
1412363-017	B-5-GW	Water	12/6/2014	☐		A										
1412363-018	B-7-GW	Water	12/6/2014	☐		A										
1412363-019	CPT-7-GW	Water	12/6/2014	☐		A										

Test Legend:

13	TPH(DMO)_S	14	TPH(DMO)_W	15		16		17	
18		19		20		21		22	
23		24							

The following SampIDs: 001A, 003A, 004A, 005A, 006A, 007A, 009A, 011A, 012A, 013A, 014A, 016A, 017A, 018A, 019A contain testgroup.

Prepared by: Jena Alfaro

Comments: SEND HARD COPY/ Always notify the PM when TAT is not going to bet met! JEL 9-9-14

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
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: TREADWELL & ROLLO
QC Level: LEVEL 2
Work Order: 1412363
Project: #731641603; 2342 Valdez Street
Client Contact: Peter Cusack
Date Received: 12/8/2014
Comments: SEND HARD COPY/ Always notify the PM when TAT is not going to bet met! JEL 9-9-14
Contact's Email: pcusack@langan.com

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

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1412363-001A	B-5-2	Soil	Multi-Range TPH(g,d,mo)	1	Stainless Steel tube 2.5"x6"	☐	12/6/2014	5 days		☐	
			SW6020 (CAM 17)			☐		5 days		☐	
			SW8270C (SVOCs)			☐		5 days		☐	
			SW8260B (VOCs)			☐		5 days		☐	
			SW8081A/8082 (OC Pesticides+PCBs)			☐		5 days		☐	
1412363-002A	B-5-3.5	Soil		1	Stainless Steel tube 2.5"x6"	☐	12/6/2014			☑	
1412363-003A	B-5-5.5	Soil	SW6020 (LUFT)	1	Stainless Steel tube 2.5"x6"	☐	12/6/2014	5 days		☐	
			Multi-Range TPH(g,d,mo)			☐		5 days		☐	
			SW8260B (VOCs)			☐		5 days		☐	
1412363-004A	B-5-8.5	Soil	SW6020 (LUFT)	1	Stainless Steel tube 2.5"x6"	☐	12/6/2014	5 days		☐	
			Multi-Range TPH(g,d,mo)			☐		5 days		☐	
1412363-005A	B-6-2	Soil	SW6020 (LUFT)	1	Stainless Steel tube 2.5"x6"	☐	12/6/2014	5 days		☐	
			Multi-Range TPH(g,d,mo)			☐		5 days		☐	
			SW8270C (SVOCs)			☐		5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1412363-006A	B-6-3.5	Soil	Multi-Range TPH(g,d,mo)	1	Stainless Steel tube 2.5"x6"	☐	12/6/2014	5 days		☐	
			SW6020 (CAM 17)			☐		5 days		☐	

*** NOTE: STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).**

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WORK ORDER SUMMARY

Client Name: TREADWELL & ROLLO
QC Level: LEVEL 2
Work Order: 1412363
Project: #731641603; 2342 Valdez Street
Client Contact: Peter Cusack
Date Received: 12/8/2014
Comments: SEND HARD COPY/ Always notify the PM when TAT is not going to bet met! JEL 9-9-14
Contact's Email: pcusack@langan.com

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

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1412363-006A	B-6-3.5	Soil	SW8270C (SVOCs)	1	Stainless Steel tube 2.5"x6"	☐	12/6/2014	5 days		☐	
			SW8260B (VOCs)			☐		5 days		☐	
			SW8082 (PCBs Only)			☐		5 days		☐	
1412363-007A	B-6-5.5	Soil	Multi-Range TPH(g,d,mo)	1	Stainless Steel tube 2.5"x6"	☐	12/6/2014	5 days		☐	
			SW6020 (LUFT)			☐		5 days		☐	
			SW8270C (SVOCs)			☐		5 days		☐	
1412363-008A	B-6-8.5	Soil		1	Stainless Steel tube 2.5"x6"	☐	12/6/2014			☑	
1412363-009A	B-7-2	Soil	Multi-Range TPH(g,d,mo)	1	Stainless Steel tube 2.5"x6"	☐	12/6/2014	5 days		☐	
			SW6020 (CAM 17)			☐		5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1412363-010A	B-7-3	Soil		1	Stainless Steel tube 2.5"x6"	☐	12/6/2014			☑	
1412363-011A	B-7-5.5	Soil	Multi-Range TPH(g,d,mo)	1	Stainless Steel tube 2.5"x6"	☐	12/6/2014	5 days		☐	
			SW6020 (LUFT)			☐		5 days		☐	
			SW8270C (SVOCs)			☐		5 days		☐	
			SW8260B (VOCs)			☐		5 days		☐	
			SW8082 (PCBs Only)			☐		5 days		☐	
1412363-012A	B-7-8.5	Soil	Multi-Range TPH(g,d,mo)	1	Stainless Steel tube 2.5"x6"	☐	12/6/2014	5 days		☐	

*** NOTE: STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).**

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WORK ORDER SUMMARY

Client Name: TREADWELL & ROLLO
QC Level: LEVEL 2
Work Order: 1412363
Project: #731641603; 2342 Valdez Street
Client Contact: Peter Cusack
Date Received: 12/8/2014
Comments: SEND HARD COPY/ Always notify the PM when TAT is not going to bet met! JEL 9-9-14
Contact's Email: pcusack@langan.com

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

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1412363-012A	B-7-8.5	Soil	SW6020 (CAM 17)	1	Stainless Steel tube 2.5"x6"	☐	12/6/2014	5 days		☐	
			SW8260B (VOCs)			☐		5 days		☐	
1412363-013A	CPT-7-1.5	Soil	Multi-Range TPH(g,d,mo)	1	Stainless Steel tube 2.5"x6"	☐	12/6/2014	5 days		☐	
			SW6020 (LUFT)			☐		5 days		☐	
			SW8270C (SVOCs)			☐		5 days		☐	
			SW8260B (VOCs)			☐		5 days		☐	
			SW8081A/8082 (OC Pesticides+PCBs)			☐		5 days		☐	
1412363-014A	CPT-7-3.0	Soil	Multi-Range TPH(g,d,mo)	1	Stainless Steel tube 2.5"x6"	☐	12/6/2014	5 days		☐	
			SW6020 (CAM 17)			☐		5 days		☐	
			SW8270C (SVOCs)			☐		5 days		☐	
			SW8260B (VOCs)			☐		5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1412363-015A	CPT-7-5.0	Soil		1	Acetate Liner	☐	12/6/2014			☑	
1412363-016A	CPT-7-8.0	Soil	Multi-Range TPH(g,d,mo)	1	Acetate Liner	☐	12/6/2014	5 days		☐	
			SW6020 (CAM 17)			☐		5 days		☐	
			SW8270C (SVOCs)			☐		5 days		☐	
			SW8260B (VOCs)			☐		5 days		☐	

*** NOTE: STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).**

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WORK ORDER SUMMARY

Client Name: TREADWELL & ROLLO
Project: #731641603; 2342 Valdez Street
Comments: SEND HARD COPY/ Always notify the PM when TAT is not going to bet met! JEL 9-9-14

QC Level: LEVEL 2
Client Contact: Peter Cusack
Contact's Email: pcusack@langan.com

Work Order: 1412363
Date Received: 12/8/2014

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

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1412363-016A	CPT-7-8.0	Soil	SW8082 (PCBs Only)	1	Acetate Liner	☐	12/6/2014	5 days		☐	
1412363-017A	B-5-GW	Water	Multi-Range TPH(g,d,mo)	3	VOA w/ HCl & 2-aVOA	☐	12/6/2014	5 days	50%+	☐	
1412363-017B	B-5-GW	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	12/6/2014	5 days	50%+	☐	
1412363-017C	B-5-GW	Water	SW8270C (SVOCs)	1	1LA	☐	12/6/2014	5 days	50%+	☐	
1412363-017D	B-5-GW	Water	SW8082 (PCBs Only)	1	aVOA	☐	12/6/2014	5 days	50%+	☐	
1412363-017E	B-5-GW	Water	E200.8 (CAM 17)	1	250mL HDPE, unprsv.	☐	12/6/2014	5 days	50%+	☐	
1412363-018A	B-7-GW	Water	Multi-Range TPH(g,d,mo)	3	VOA w/ HCl & 2-aVOA	☐	12/6/2014	5 days	25%+	☐	
1412363-018B	B-7-GW	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	12/6/2014	5 days	25%+	☐	
1412363-018C	B-7-GW	Water	SW8270C (SVOCs)	1	1LA	☐	12/6/2014	5 days	25%+	☐	
1412363-018D	B-7-GW	Water	SW8082 (PCBs Only)	1	aVOA	☐	12/6/2014	5 days	25%+	☐	
1412363-018E	B-7-GW	Water	E200.8 (CAM 17)	1	250mL HDPE, unprsv.	☐	12/6/2014	5 days	25%+	☐	
1412363-019A	CPT-7-GW	Water	Multi-Range TPH(g,d,mo)	3	VOA w/ HCl & 2-aVOA	☐	12/6/2014	5 days	25%+	☐	
1412363-019B	CPT-7-GW	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	12/6/2014	5 days	25%+	☐	
1412363-019C	CPT-7-GW	Water	SW8270C (SVOCs)	1	1LA	☐	12/6/2014	5 days	25%+	☐	
1412363-019D	CPT-7-GW	Water	SW8082 (PCBs Only)	1	aVOA	☐	12/6/2014	5 days	25%+	☐	
1412363-019E	CPT-7-GW	Water	E200.8 (LUFT)	1	250mL HDPE, unprsv.	☐	12/6/2014	5 days	25%+	☐	

*** NOTE: STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).**

1412363

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: 2342 VALDEZ STREET
Job Number: 731641603
Project Manager\Contact: PETER CUSACK
Samplers: KSS
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,mo	VOCs	SVOCs	Pesticides	PCBs	CAM 17	LUFT 5	Silica gel clean-up	Hold	Remarks
B-5-2	12/6/14			X						X		X	X	X	X	X	X				
B-5-3.5				X						X										X	
B-5-5.5				X						X		X	X					X			
B-5-8.5				X						X		X						X			
B-6-2				X						X		X		X	X			X			
B-6-3.5				X						X		X	X	X		X	X				
B-6-5.5				X						X		X		X				X			
B-6-8.5				X						X										X	
B-7-2				X						X		X			X		X				
☆B-7-3				X						X										X	
B-7-5.5				X						X		X	X	X		X		X			
B-7-8.5				X						X		X	X				X				
CPT-7-1.5				X						X		X	X	X	X	X		X			
CPT-7-3.0	12/6/14			X						X		X	X	X	X	X	X				

Relinquished by: (Signature)	Date 12-8-14	Time 1420	Received by: (Signature)	Date 12-8-14	Time 1420
Relinquished by: (Signature)	Date 12-8-14	Time 1700	Received by: (Signature)	Date 12/8/14	Time 1700
Relinquished by: (Signature)	Date	Time	Received by Lab: (Signature)	Date	Time

Sent to Laboratory (Name): McCAMPBELL ANALYTICAL
Laboratory Comments/Notes:

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

☆Container labled "3.5"

ICE /t° ____ 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: 004927

☆pH adjusted For all Metal water Samples RUN as total Per P.C.

Treadwell&Rollo

Environmental and Geotechnical Consultant

CHAIN OF CUSTODY RECORD

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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: 2342 VALDEZ STREET
Job Number: 7316416603
Project Manager\Contact: PETER CUSACK
Samplers: KSS
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,mo	VOCs	SVOCs	Pesticides	PCBs	CAM 17	LUFT 5	Silica gel clean-up	Hold	Remarks
CPT-7-5.0	12/6/14			X						X										X	
CPT-7-8.0				X						X		X	X	X		X	X				
B-5-GW					X		4			4		X	X	X		X	X				
~~B-6-GW~~		=	=		~~X~~		~~4~~			~~4~~											
B-7-GW					X		4			4		X	X	X		X	X				
CPT-7-GW	12/6/14				X		4			4		X	X	X		X		X			

Relinquished by: (Signature)	Date 12-8-14	Time 1420	Received by: (Signature)	Date 12-8-14	Time 1420
Relinquished by: (Signature)	Date 12-8-14	Time 1700	Received by: (Signature)	Date 12/8/14	Time 1700
Relinquished by: (Signature)	Date	Time	Received by Lab: (Signature)	Date	Time

Sent to Laboratory (Name): McCAMPBELL ANALYTICAL
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: 004928

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name: **Treadwell & Rollo**
Date and Time Received: **12/8/2014 6:08:27 PM**

Project Name: **#731641603; 2342 Valdez Street**
LogIn Reviewed by: Jena Alfaro

WorkOrder №: **1412363** Matrix: Soil/Water
Carrier: Bernie Cummins (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 ☐	
Sample/Temp Blank temperature	Temp:		NA ☑
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
pH acceptable upon receipt (Metal: <2; 522: <4; 218.7: >8)?	Yes ☐	No ☑	NA ☐
Samples Received on Ice?	Yes ☐	No ☑	

UCMR3 Samples:

Total Chlorine tested and acceptable upon receipt for EPA 522?	Yes ☐	No ☐	NA ☑
Free Chlorine tested and acceptable upon receipt for EPA 218.7, 300.1, 537, 539?	Yes ☐	No ☐	NA ☑

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

Comments: pH adjusted in Lab.

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1412363 A

Report Created for: Treadwell & Rollo
555 Montgomery St., Suite 1300
San Francisco, CA 94111

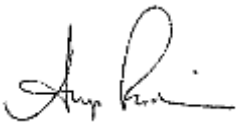
Project Contact: Peter Cusack
Project P.O.:
Project Name: #731641603; 2342 Valdez Street

Project Received: 12/08/2014

Analytical Report reviewed & approved for release on 12/23/2014 by:

Question about your data?

Click here to email McCampbell



Angela Rydelius,
Laboratory Manager

1534 Willow Pass Rd. Pittsburg, CA 94565 ♦ TEL: (877) 252-9262 ♦ FAX: (925) 252-9269 ♦ www.mccampbell.com
NELAP: 4033ORELAP ♦ ELAP: 1644 ♦ ISO/IEC: 17025:2005 ♦ WSDE: C972-11 ♦ ADEC: UST-098 ♦ UCMR3

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Glossary of Terms & Qualifier Definitions

Client: Treadwell & Rollo
Project: #731641603; 2342 Valdez Street
WorkOrder: 1412363

Glossary Abbreviation

95% Interval	95% Confident Interval
DF	Dilution Factor
DUP	Duplicate
EDL	Estimated Detection Limit
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
TEQ	Toxicity Equivalence

Analytical Qualifiers

F	sample was filtered upon arrival to the lab
a1	sample diluted due to matrix interference
a3	sample diluted due to high organic content.
a19	reporting limit near, but not identical to our standard reporting limit due to variable water sample volume
b1	aqueous sample that contains greater than ~1 vol. % sediment
e2	diesel range compounds are significant; no recognizable pattern
e3	aged diesel is significant
e4	gasoline range compounds are significant.
e7	oil range compounds are significant
e8	kerosene/kerosene range/jet fuel range
e11	stoddard solvent/mineral spirit (?)
j1	see attached narrative

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Glossary of Terms & Qualifier Definitions

Client: Treadwell & Rollo
Project: #731641603; 2342 Valdez Street
WorkOrder: 1412363

Quality Control Qualifiers

F1	MS/MSD recovery and/or RPD was out of acceptance criteria; LCS validated the prep batch.

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Case Narrative

Client: Treadwell & Rollo
Project: #731641603; 2342 Valdez Street

Work Order: 1412363
December 23, 2014

j1) the water phase from an HCl VOA was decanted to avoid sediment prior to analysis. The water phase was directly analyzed (no digestion) by ICP-MS.

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	E200.8
Date Received:	12/8/14 18:08	**Analytical Method:**	E200.8
Date Prepared:	12/18/14	**Unit:**	µg/L

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-5-GW (Decant)	**1412363-017F**	**Water/DISS.**	**12/06/2014**	**ICP-MS2**	**99182**

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	12/19/2014 16:45
Arsenic	**3.7**	0.50	1	12/19/2014 16:45
Barium	**960**	50	10	12/19/2014 23:22
Beryllium	**9.3**	0.50	1	12/19/2014 16:45
Cadmium	**3.5**	0.25	1	12/19/2014 16:45
Chromium	**34**	0.50	1	12/19/2014 16:45
Cobalt	**150**	5.0	10	12/19/2014 23:22
Copper	**33**	2.0	1	12/19/2014 16:45
Lead	**5.7**	0.50	1	12/19/2014 16:45
Mercury	ND	0.25	10	12/19/2014 23:22
Molybdenum	ND	0.50	1	12/19/2014 16:45
Nickel	**640**	5.0	10	12/19/2014 23:22
Selenium	**1.2**	0.50	1	12/19/2014 16:45
Silver	**0.22**	0.19	1	12/19/2014 16:45
Thallium	ND	0.50	1	12/19/2014 16:45
Vanadium	**23**	0.50	1	12/19/2014 16:45
Zinc	**160**	15	1	12/19/2014 16:45

Analytical Comments: j1,b1

Analyst(s): AG, DVH

(Cont.)

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	E200.8
Date Received:	12/8/14 18:08	**Analytical Method:**	E200.8
Date Prepared:	12/18/14	**Unit:**	µg/L

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-7-GW (Decant)	**1412363-018F**	**Water/DISS.**	**12/06/2014**	**ICP-MS1**	**99182**

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	10	20	12/23/2014 09:51
Arsenic	ND	10	20	12/23/2014 09:51
Barium	**400**	100	20	12/23/2014 09:51
Beryllium	**16**	10	20	12/23/2014 09:51
Cadmium	**5.0**	5.0	20	12/23/2014 09:51
Chromium	**46**	10	20	12/23/2014 09:51
Cobalt	**300**	10	20	12/23/2014 09:51
Copper	**61**	40	20	12/23/2014 09:51
Lead	ND	10	20	12/23/2014 09:51
Mercury	ND	0.50	20	12/23/2014 09:51
Molybdenum	ND	10	20	12/23/2014 09:51
Nickel	**930**	10	20	12/23/2014 09:51
Selenium	ND	10	20	12/23/2014 09:51
Silver	ND	3.8	20	12/23/2014 09:51
Thallium	ND	10	20	12/23/2014 09:51
Vanadium	**31**	10	20	12/23/2014 09:51
Zinc	**340**	300	20	12/23/2014 09:51

Analytical Comments: a1,j1,b1

Analyst(s): DB

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	E200.8
Date Received:	12/8/14 18:08	**Analytical Method:**	E200.8
Date Prepared:	12/18/14	**Unit:**	µg/L

LUFT 5 Metals

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-GW (Decant)	**1412363-019F**	**Water/DISS.**	**12/06/2014**	**ICP-MS1**	**99182**

Analytes	Result	RL	DF	Date Analyzed
Cadmium	ND	5.0	20	12/23/2014 10:03
Chromium	**530**	10	20	12/23/2014 10:03
Lead	**29**	10	20	12/23/2014 10:03
Nickel	**1400**	10	20	12/23/2014 10:03
Zinc	**440**	300	20	12/23/2014 10:03

Analytical Comments: a1,j1,b1

Analyst(s): DB

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	CA Title 22
Date Received:	12/8/14 18:08	**Analytical Method:**	SW6010B
Date Prepared:	12/20/14	**Unit:**	mg/L

Metals

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-5-2	**1412363-001A**	**Soil/WET**	**12/06/2014**	**ICP-JY**	**99195**

Analytes	Result	RL	DF	Date Analyzed
Chromium	ND	0.050	1	12/22/2014 13:13

Analyst(s): AG

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-5-5.5	**1412363-003A**	**Soil/WET**	**12/06/2014**	**ICP-JY**	**99195**

Analytes	Result	RL	DF	Date Analyzed
Chromium	ND	0.050	1	12/22/2014 13:15

Analyst(s): AG

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-6-2	**1412363-005A**	**Soil/WET**	**12/06/2014**	**ICP-JY**	**99195**

Analytes	Result	RL	DF	Date Analyzed
Chromium	**5.6**	0.050	1	12/22/2014 13:18

Analyst(s): AG

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-7-2	**1412363-009A**	**Soil/WET**	**12/06/2014**	**ICP-JY**	**99195**

Analytes	Result	RL	DF	Date Analyzed
Chromium	**0.075**	0.050	1	12/22/2014 13:20

Analyst(s): AG

(Cont.)

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	CA Title 22
Date Received:	12/8/14 18:08	**Analytical Method:**	SW6010B
Date Prepared:	12/20/14	**Unit:**	mg/L

Metals

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-7-5.5	**1412363-011A**	**Soil/WET**	**12/06/2014**	**ICP-JY**	**99195**

Analytes	Result	RL	DF	Date Analyzed
Chromium	ND	0.050	1	12/22/2014 13:23

Analyst(s): AG

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-7-8.5	**1412363-012A**	**Soil/WET**	**12/06/2014**	**ICP-JY**	**99195**

Analytes	Result	RL	DF	Date Analyzed
Chromium	ND	0.050	1	12/22/2014 13:25

Analyst(s): AG

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	CA Title 22
Date Received:	12/8/14 18:08	**Analytical Method:**	SW6010B
Date Prepared:	12/20/14	**Unit:**	mg/L

Lead & Chromium

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-8.0	**1412363-016A**	**Soil/WET**	**12/06/2014**	**ICP-JY**	**99195**

Analytes	Result	RL	DF	Date Analyzed
Chromium	**0.11**	0.050	1	12/22/2014 13:00
Lead	**4.1**	0.20	1	12/22/2014 13:00

Analyst(s): AG

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Analytical Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Project:	#731641603; 2342 Valdez Street	**Extraction Method:**	SW1311/SW3050B
Date Received:	12/8/14 18:08	**Analytical Method:**	SW6010B
Date Prepared:	12/18/14	**Unit:**	mg/L

Lead

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-6-2	**1412363-005A**	**Soil/TCLP**	**12/06/2014**	**ICP-JY**	**99196**

Analytes	Result	RL	DF	Date Analyzed
Lead	**15**	0.20	1	12/22/2014 11:08

Analyst(s): DB

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
CPT-7-8.0	**1412363-016A**	**Soil/TCLP**	**12/06/2014**	**ICP-JY**	**99196**

Analytes	Result	RL	DF	Date Analyzed
Lead	ND	0.20	1	12/22/2014 11:10

Analyst(s): DB

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/18/14	**BatchID:**	99182
Date Analyzed:	12/19/14	**Extraction Method:**	E200.8
Instrument:	ICP-MS2	**Analytical Method:**	E200.8
Matrix:	Water	**Unit:**	µg/L
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-99182 1412849-001DMS/MSD

QC Summary Report for E200.8

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Antimony	ND	49.6	0.50	50	-	99	85-115
Arsenic	ND	50.9	0.50	50	-	102	85-115
Barium	ND	472	5.0	500	-	94	85-115
Beryllium	ND	48.4	0.50	50	-	97	85-115
Cadmium	ND	47.8	0.25	50	-	96	85-115
Chromium	ND	49.0	0.50	50	-	98	85-115
Cobalt	ND	50.4	0.50	50	-	101	85-115
Copper	ND	51.9	2.0	50	-	104	85-115
Lead	ND	49.9	0.50	50	-	100	85-115
Mercury	ND	1.08	0.025	1.25	-	87	85-115
Molybdenum	ND	48.4	0.50	50	-	97	85-115
Nickel	ND	50.9	0.50	50	-	102	85-115
Selenium	ND	50.6	0.50	50	-	101	85-115
Silver	ND	49.1	0.19	50	-	98	85-115
Thallium	ND	48.9	0.50	50	-	98	85-115
Vanadium	ND	49.8	0.50	50	-	100	85-115
Zinc	ND	513	15	500	-	101	85-115
Surrogate Recovery							
Tb 350.917	662	665		750	88	89	70-130

(Cont.)

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/18/14	**BatchID:**	99182
Date Analyzed:	12/19/14	**Extraction Method:**	E200.8
Instrument:	ICP-MS2	**Analytical Method:**	E200.8
Matrix:	Water	**Unit:**	µg/L
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-99182 1412849-001DMS/MSD

QC Summary Report for E200.8

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Antimony	51.8	50.6	50	1.7	100	98	70-130	2.25	20
Arsenic	55.3	54.5	50	4.2	102	101	70-130	1.51	20
Barium	541	529	500	64	95	93	70-130	2.26	20
Beryllium	42.2	40.7	50	ND	84	81	70-130	3.69	20
Cadmium	45.2	44.8	50	1.2	88	87	70-130	1.02	20
Chromium	47.0	45.7	50	1.9	90	88	70-130	2.72	20
Cobalt	45.6	44.6	50	2.2	87	85	70-130	2.24	20
Copper	114	112	50	70	89	85	70-130	2.12	20
Lead	58.8	58.0	50	9.3	99	97	70-130	1.35	20
Mercury	1.18	1.12	1.25	0.026	93	88	70-130	5.37	20
Molybdenum	54.6	54.0	50	4.1	101	100	70-130	1.16	20
Nickel	54.1	52.9	50	7.4	93	91	70-130	2.30	20
Selenium	49.0	49.2	50	ND	98	98	70-130	0	20
Silver	44.3	43.3	50	0.28	88	86	70-130	2.26	20
Thallium	49.6	48.6	50	ND	99	97	70-130	1.95	20
Vanadium	51.6	50.3	50	4.4	94	92	70-130	2.43	20
Zinc	NR	NR	500	1382	NR	NR	70-130	NR	20
Surrogate Recovery									
Tb 350.917	692	686	750		92	91	70-130	1.00	20

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/18/14	**BatchID:**	99195
Date Analyzed:	12/22/14	**Extraction Method:**	CA Title 22
Instrument:	ICP-JY	**Analytical Method:**	SW6010B
Matrix:	Soil	**Unit:**	mg/L
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-99195 1412363-016AMS/MSD

QC Summary Report for SW6010B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Chromium	ND	1.01	0.050	1	-	101	75-125

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Chromium	1.14	1.11	1	0.1076	103	100	75-125	2.49	25

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/18/14	**BatchID:**	99195
Date Analyzed:	12/22/14	**Extraction Method:**	CA Title 22
Instrument:	ICP-JY	**Analytical Method:**	SW6010B
Matrix:	Soil	**Unit:**	mg/L
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-99195 1412363-016AMS/MSD

QC Summary Report for SW6010B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Chromium	ND	1.01	0.050	1	-	101	75-125
Lead	ND	0.909	0.20	1	-	91	75-125

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Chromium	1.14	1.11	1	0.1076	103	100	75-125	2.49	25
Lead	4.99	4.84	1	4.057	93	79	75-125	2.93	25

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Quality Control Report

Client:	Treadwell & Rollo	**WorkOrder:**	1412363
Date Prepared:	12/18/14	**BatchID:**	99196
Date Analyzed:	12/22/14	**Extraction Method:**	SW1311/SW3050B
Instrument:	ICP-JY	**Analytical Method:**	SW6010B
Matrix:	Soil	**Unit:**	mg/L
Project:	#731641603; 2342 Valdez Street	**Sample ID:**	MB/LCS-99196 1412363-016AMS/MSD

QC Summary Report for SW6010B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Lead	ND	0.902	0.20	1	-	90	75-125

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Lead	0.915	1.07	1	ND	92	107	70-130	15.2	30

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 1412363 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: pcusack@langan.com
cc/3rd Party:
PO:
ProjectNo: #731641603; 2342 Valdez Street

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

Requested TAT: 5 days
Date Received: **12/08/2014**
Date Add-On: **12/18/2014**
Date Printed: **12/18/2014**

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
1412363-001	B-5-2	Soil	12/6/2014	☐			A									
1412363-003	B-5-5.5	Soil	12/6/2014	☐			A									
1412363-005	B-6-2	Soil	12/6/2014	☐			A		A							
1412363-009	B-7-2	Soil	12/6/2014	☐			A									
1412363-011	B-7-5.5	Soil	12/6/2014	☐			A									
1412363-012	B-7-8.5	Soil	12/6/2014	☐			A									
1412363-016	CPT-7-8.0	Soil	12/6/2014	☐				A	A							
1412363-017	B-5-GW (Decant)	Water	12/6/2014	☐	F											
1412363-018	B-7-GW (Decant)	Water	12/6/2014	☐	F											
1412363-019	CPT-7-GW (Decant)	Water	12/6/2014	☐		F										

Test Legend:

1	CAM17MS_DISS	2	LUFTMS_DISS	3	STLC_METALS_S	4	STLC_PBCR_S	5	TCLP_PB_S
6		7		8		9		10	
11		12							

Prepared by: Jena Alfaro

Add-On Prepared By: Maria Venegas

Comments: SEND HARD COPY/ Always notify the PM when TAT is not going to bet met! JEL 9-9-14. STLC's, TCLP's added on Rush TAT & Decant Metals added on STAT 12/18/14.

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

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WORK ORDER SUMMARY

Client Name: TREADWELL & ROLLO
Project: #731641603; 2342 Valdez Street
Comments: SEND HARD COPY/ Always notify the PM when TAT is not going to bet met! JEL 9-9-14. STLC's, TCLP's added on Rush TAT & Decant Metals added on STAT 12/18/14

QC Level: LEVEL 2
Client Contact: Peter Cusack
Contact's Email: pcusack@langan.com

Work Order: 1412363
Date Received: 12/8/2014
Date Add-On: 12/18/2014

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1412363-001A	B-5-2	Soil	SW6010B (Metals) (STLC) <Chromium>	1	Stainless Steel tube 2.5"x6"	12/6/2014	1 day*		☐	
1412363-003A	B-5-5.5	Soil	SW6010B (Metals) (STLC) <Chromium>	1	Stainless Steel tube 2.5"x6"	12/6/2014	1 day*		☐	
1412363-005A	B-6-2	Soil	SW6010B (Lead) (TCLP)	1	Stainless Steel tube 2.5"x6"	12/6/2014	1 day*		☐	
			SW6010B (Metals) (STLC) <Chromium>				1 day*		☐	
1412363-009A	B-7-2	Soil	SW6010B (Metals) (STLC) <Chromium>	1	Stainless Steel tube 2.5"x6"	12/6/2014	1 day*		☐	
1412363-011A	B-7-5.5	Soil	SW6010B (Metals) (STLC) <Chromium>	1	Stainless Steel tube 2.5"x6"	12/6/2014	1 day*		☐	
1412363-012A	B-7-8.5	Soil	SW6010B (Metals) (STLC) <Chromium>	1	Stainless Steel tube 2.5"x6"	12/6/2014	1 day*		☐	
1412363-016A	CPT-7-8.0	Soil	SW6010B (Lead) (TCLP)	1	Acetate Liner	12/6/2014	1 day*		☐	
			SW6010B (Chromium & Lead) (STLC)				1 day*		☐	
1412363-017F	B-5-GW (Decant)	Water	E200.8 (CAM 17) (Dissolved-Lab Filtered)	1	VOA w/ HCl	12/6/2014	5 days	50%+	☐	
1412363-018F	B-7-GW (Decant)	Water	E200.8 (CAM 17) (Dissolved-Lab Filtered)	1	VOA w/ HCl	12/6/2014	5 days	25%+	☐	
1412363-019F	CPT-7-GW (Decant)	Water	E200.8 (LUFT) (Dissolved-Lab Filtered)	1	VOA w/ HCl	12/6/2014	5 days	25%+	☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

1412363

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: 2342 VALDEZ STREET
Job Number: 731641603
Project Manager\Contact: PETER CUSACK
Samplers: KSS
Recorder (Signature Required): [signature]

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,mo	VOCs	SVOCs	Pesticides	PCBs	CAM17	LUFT 5	STLC Cr 12.5	STLC Pb 10.4	TCLP Pb	Silica gel clean-up	Hold	Remarks
B-5-2	12/6/14			X						X		X	X	X	X	X	X		(X)					
B-5-3.5				X						X													X	
B-5-5.5				X						X		X	X				X		(X)					
B-5-8.5				X						X		X					X							
B-6-2				X						X		X		X	X		X		(X)	(X)				
B-6-3.5				X						X		X	X	X		X	X							
B-6-5.5				X						X		X		X			X							
B-6-8.5				X						X													X	
B-7-2				X						X		X			X		X		(X)					
★B-7-3				X						X													X	
B-7-5.5				X						X		X	X	X		X	X		(X)					
B-7-8.5				X						X		X	X			X	X		(X)					
CPT-7-1.5				X						X		X	X	X	X	X	X							
CPT-7-3.0	12/6/14			X						X		X	X	X	X	X	X							

Relinquished by: (Signature)	Date 12-8-14	Time 1420	Received by: (Signature)	Date 12-8-14	Time 1420
Relinquished by: (Signature)	Date 12-8-14	Time 1700	Received by: (Signature)	Date 12/8/14	Time 1700
Relinquished by: (Signature)	Date	Time	Received by Lab: (Signature)	Date	Time

Sent to Laboratory (Name): McCAMPBELL ANALYTICAL
Laboratory Comments/Notes:

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

★Container labled "3.5"

ICE / t° ___ 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: 004927

★pH adjusted For all Metal water Samples RUN as Total Per P.C.

Treadwell&Rollo
Environmental and Geotechnical Consultant

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[ ] 777 Campus Commons Rd., Suite 200, Sacramento, CA 95825 Ph: 916.565.7412/Fax: 916.565.7412

Site Name: 2342 VALDEZ STREET
Job Number: 7316411603
Project Manager\Contact: PETER CUSACK
Samplers: KSS
Recorder (Signature Required): [signature]

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/mo	VOCs	SVOCs	Pesticides	PCBs	CAM 17	LUFT 5	Decant Metals 12/18	SPCC	SPCC Pb	Total Pb	Silica gel clean-up	Hold	Remarks
CPT-7-5.0	12/6/14			X						X														X	
CPT-7-8.0				X						X		X	X	X		X	X		(X)	(X)	(X)				
B-5-GW					X		4			4		X	X	X		X	X		X						
~~B-6-GW~~		=	=		~~X~~		~~4~~			~~4~~															
B-7-GW					X		4			4		X	X	X		X	X		X						
CPT-7-GW	12/6/14				X		4			4		X	X	X		X		X	X						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	12-8-14	1420	[signature]	12-8-14	1420
[signature]	12-8-14	1700	[signature]	12/8/14	1700
Relinquished by: (Signature)	Date	Time	Received by Lab: (Signature)	Date	Time

Sent to Laboratory (Name): McCAMPBELL ANALYTICAL
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: 004928