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RECEIVED

8:30 am, Nov 14, 2012

Alameda County Environmental Health

Alameda County Health Care Services 1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502-6577

Re: Chevron Service Station No. 9-0020 1633 Harrison Street Oakland, CA

I have reviewed the attached report dated November 9, 2012.

I agree with the conclusions and recommendations presented in the referenced report. The information in this report is accurate to the best of my knowledge and all local Agency/Regional Board guidelines have been followed. This report was prepared by Conestoga-Rovers & Associates, upon whose assistance and advice I have relied.

This letter is submitted pursuant to the requirements of California Water Code Section 13267(b)(1) and the regulating implementation entitled Appendix A pertaining thereto.

I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge.

Sincerely,

in M-

Catalina Espino Devine Project Manager

Attachment: Report



REMEDIATION PROGRESS REPORT FOR SITE REDEVELOPMENT ACTIVITIES

FORMER CHEVRON SERVICE STATION 90020 1633 HARRISON STREET OAKLAND, CALIFORNIA Fuel Leak Case No. RO0000143

Prepared For:

Mr. Mark Detterman Alameda County Environmental Health Services (ACEHS) 1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502-6577

> Prepared by: Conestoga-Rovers & Associates

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FORMER CHEVRON SERVICE STATION 90020 1633 HARRISON STREET OAKLAND, CALIFORNIA Fuel Leak Case No. RO0000143

attan Lee

Nathan Lee, PG 8486



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1.0 INTRODUCTION

Conestoga-Rovers & Associates (CRA) has prepared this *Remediation Progress Report for Site Redevelopment Activities* on behalf of Chevron Environmental Management Company (Chevron) for the former Chevron Service Station 9-0020 located at 1633 Harrison Street, Oakland, California (the site) as requested by the Alameda County Environmental Health Services (ACEH) in a letter dated August, 2, 2012 (Appendix A). A report due date extension of November 9, 2012 was approved by ACEH in an email dated October 24, 2012 (Appendix A). CRA completed environmental oversight during the Oakland Housing Authority (OHA) redevelopment between January 2011 and August 2011. CRA completed the following tasks: stockpile and confirmation soil sampling; waste profiling, coordinate transportation, and disposal of waste; and excavation oversight. The site background and summary of environmental oversight during OHA's redevelopment activities are presented below.

1.1 SITE DESCRIPTION AND BACKGROUND

Site History

The site is a former Chevron service station located on the southwest corner of the intersection of Harrison and 17th Streets in Oakland, California. The site is located downtown in an area of commercial and multi-unit residential land use (Figure 1). Chevron operated a service station on the site until 1972 with at least two different facility configurations (Figure 2). All facilities were removed at the time of station closure sometime between 1972 and 1975. Since December 1, 1975, the site was a parking lot, and was redeveloped as a multi-level senior housing facility by OHA.

Previous Environmental Work

A total of 26 soil borings, 17 groundwater monitoring wells, and seven soil vapor probes have been advanced for site assessment (Figure 2). Three phases of remedial excavation were previously completed in 1992 and 2008 and removed approximately 1,240 cubic yards of soil. A summary of environmental investigation and remediation conducted is included in Appendix B.

1.2 <u>SITE GEOLOGY</u>

The site is located along the eastern margin of the San Francisco Bay and is within the East Bay Plain. The East Bay Plain lies within the Coast Range Geomorphic Province and is characterized by broad alluvial fan margins slopping westward towards the

San Francisco Bay. The site is underlain by Holocene and Pleistocene alluvial fan deposits, underlain by Franciscan Formation bedrock at depth.¹ Soil beneath the site and site vicinity consist primarily of silty sands with some intermittent sandy, clayey, and gravelly silt to approximately 35 feet below grade (fbg). Local topography is flat and the site is approximately 35 feet above mean sea level.

1.3 <u>SITE HYDROGEOLOGY</u>

The site is located in the East Bay Plain Sub-basin of the Santa Clara Groundwater Basin. The cumulative aquifer thickness in the vicinity is approximately 1,000 feet, consisting of unconsolidated sediments.¹ Groundwater in the region has been designated as potentially beneficial for commercial, industrial, and residential uses.² The regional groundwater flow direction, based on the topography and natural drainage patterns in the area, appears to be towards Lake Merritt, located approximately 1,600 feet east of the site. Depth to groundwater has ranged from approximately 16 to 22 fbg. Groundwater flow direction is typically east to northeast at an approximate gradient of 0.01.

2.0 EXCAVATION AND SAMPLING ACTIVITES

A summary of CRA environmental activities during OHA's redevelopment is presented in this section. Excavation and soil sample locations are depicted on Figures 3 and 4. Soil analytical data is presented on Table 1 and analytical laboratory reports are presented in Appendix C. Waste manifests are presented in Appendix D and E.

Site Health and Safety Plan

CRA preformed all work under the guidelines set forth in a comprehensive site health and safety plan. The plan was reviewed and signed by all site workers and visitors and kept onsite at all times.

Permits

CRA worked under all permits obtained by the OHA.

¹ California's Groundwater Bulletin 118; State of California Department of Water Resources; February 27, 2004.

² Table 2-2 Existing and Potential Beneficial Uses in Groundwater in Identified Basins; Water Quality Control Plan (Basin Plan) for the San Francisco Bay Basin; California Regional Water Quality Control Board San Francisco Bay Region, January 18, 2007.

CRA Personnel

CRA tasks were completed were under the oversight of Mr. Nathan Lee, a California licensed geologist.

Contractor

CRA contracted Integrated Waste Stream Management (IWM) of San Jose, California for excavation activities and transportation of waste generated during the excavations and redevelopment activities.

2.1 JANUARY 2011 ACTIVITIES

Debris Pit Sampling

On January 3 through January 5, 2011 OHA excavated the former fuel underground storage tank (UST) pit to collect soil confirmation samples as requested by the ACEH, Following the fuel UST removals, the pit was backfilled with debris generated from the station demolition and has been referred to as the "debris pit".

CRA collected soil samples from the debris pit excavation area (Figure 3) at depths between approximately 9 and 14 fbg: side wall samples TSW-1, TSW-3, TSW-5, TSW-6, TSW-7, and TSW-8; and bottom samples TB-2, TB-4, TB-5, TB-6, and TB-7. The samples were analyzed for the following:

- Total petroleum hydrocarbons as diesel (TPHd) (with silica gel clean up) and total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015Bm
- Benzene, toluene, ethylbenzene, xylenes (BTEX) and methyl tertiary butyl ether (MTBE) by EPA Method 8260B

TPHd concentrations were detected below Regional Water Quality Control Board-San Francisco Bay Region (RWQCB) environmental screening levels (ESLS) in samples TSW-1, TB-2, TSW-3, TSW-5, and TB-7.³ No other hydrocarbons were detected in the samples collected.

On January 6, 2011, a pipe was observed at the south corner of the debris pit, and soil sample TP-1 was collected in the area near the pipe. Only 2.2 milligram per kilogram (mg/kg) TPHd was detected, which is below the ESL.

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³ RWQCB-SF, Screening for Concerns at Sites with Contaminated Soil and Groundwater, Interim Final, November 2007, revised May 2008, Table G (soil leaching) and Table K-3 (construction worker).

Soil Profiling for Debris Pit Excavation and Excavation Surrounding Sample SP-23

Following OHA's request to reuse the soil excavated from the debris pit as a backfill, ACEH requested Chevron to segregate the soil into separate stockpiles, collect soil stockpile samples, and profile the stockpiled soil to determine whether it was acceptable for reuse. Soil samples SP-1 through SP-21 were collected from the stockpiles generated from the debris pit excavation (Figure 4). On January 11, 2011, surface soil samples SP-22 through SP-29 were collected across the site to profile additional soil for reuse (Figure 3). Soil samples were analyzed for the following:

- Total petroleum hydrocarbons as motor oil (TPHmo) by EPA Method 8015Bm (with silica gel clean up) (select samples)
- TPHd (with silica gel clean up) and TPHg by EPA Method 8015Bm
- BTEX, MTBE and naphthalene by EPA Method 8260B (select samples)
- Total lead by EPA 6010B (select samples)
- LUFT 5 Metals by EPA Method 6020B (select samples)

Soil data from SP-1 through SP-21 were compared to concentration limits presented in the Regional Water Quality Control Board (RWQCB's) *Draft Technical Reference Document, Characterization and Reuse of Petroleum Hydrocarbons Impact Soil as Inert Waste* dated October 20, 2006 (Technical Reference Document). Only low concentrations of TPHd were detected in samples SP-1 through SP-21 and did not exceed the concentration limits in the RWQCB Technical Reference Document. Based on these results, stockpiled soil represented by samples SP-1 through SP-21 was capable to be reused as backfill in the debris pit excavation. Table 1 presents the soil analytical results.

Surface soil as represented by soil samples SP-22 through SP-29 was not reused as backfill based on the analytical results (Table 1). Sample SP-23 had the highest TPHmo and TPHd detected. On January 25, 2011, CRA returned to the site to oversee the over-excavation of the soil around SP-23 (20 foot by 20 foot area). Soil sample X-3 was collected at the bottom of the excavation at approximately 3 fbg and no hydrocarbons were detected. Soil sample B-1 was collected from the soil stockpile generated during the over-excavation of soil sample SP-23 for waste profiling purposes. The soil generated from the over-excavation of sample SP-23 were stockpiled, transported, and disposed of at Republic Services – Keller Canyon Landfill, Pittsburg, California (Keller Canyon) on April 6, 2011.

Based on conversations with OHA, the upper two feet of soil across the site was removed during grading activities and transported off site by OHA.

On January 11, 2011, sample Debris-1 was collected at an area in the debris pit area where a bucket containing a viscous oily substance was encountered. The bucket and contents were placed in a 55-gallon Department of Transportation (DOT) drum, profiled, and transported to Clean Harbors (Clean Harbors), San Jose, California facility for disposal on April 6, 2011. This sample was analyzed for the following:

- TPHmo and TPHd (with silica gel clean up), and TPHg by EPA Method 8015Bm
- BTEX and MTBE by EPA Method 8021B
- BTEX and MTBE by EPA Method 8260B
- Total lead by EPA 6010B
- CAM-17 Metals by EPA Method 6020B

Sample Debris-1 was also re-analyzed for CAM-17 Metals by EPA Method 6020B due to elevated metals concentrations detected. SP-1 through SP-29 and Debris-1 soil analytical data are presented in Table 1.

Orphan Drum

On January 25, 2011, during excavation activities an orphan drum was encountered (Figure 3). Soil staining was observed around the drum, and soil sample OT-1 was collected. On January 26, 2011 a sample was collected from the oily liquid inside the drum, designated OT-2 for waste profiling purposes.

On January 26, 2011 using a vacuum truck provided by IWM the drum's oily contents was removed. The drum's interior was triple rinsed and the rinsate was removed by the vacuum truck. The drum's contents and rinsate were stored on site in a 55 gallon DOT drums. These drums were transported to Clean Harbors facility for disposal (Appendix D).

The orphan drum was removed on April 6, 2011 under the observation of ACEH. The drum was transported to Schnitzer Steel, Oakland, California (Schnitzer Steel) for recycling. The soil surrounding the orphan drum was excavated to approximately 3 fbg and transported to Keller Canyon. Two confirmation soil samples were collected beneath the orphan drum. Sample OT-2 was taken at 2 fbg, and OT-3 was collected at 3 fbg (Figure 3). No hydrocarbons were detected in these samples (Table 1).

On April 6, 2011, a total of approximately 90 cubic yards of soil were transported and disposed of at Keller Canyon that were generated during the over-excavation of soil sample SP-23, and the soil surrounding the orphan drum. Waste manifests are presented in Appendix D.

Additional Soil Sampling in January 2011

On January 4, 2011, sample EX-9 was collected near the former used-oil UST excavation completed in February 2008 (Figure 3) as requested by ACEH to characterize the soil west of the 2008 excavation. However, the building foundation footing was encountered before the depth of the 2008 excavation was reached; therefore a sample was collected at 5 fbg. No hydrocarbons were detected in this sample.

During OHA's grading activities associated with the redevelopment of the site, CRA was asked to collect soil samples from areas where potential hydrocarbons were observed in the field. Table 1 presents the soil analytical results. Laboratory reports are included in Appendix C. A summary of these sampling activities is presented below.

On January 18, 2011, sample OHA-1 was collected from a soil stockpile at the request of the OHA. TPHmo was detected at 49 mg/kg and TPHd was detected at 16 mg/kg; these concentrations are below ESLs. No other hydrocarbons were detected in this sample.

2.2 <u>MAY 2011 EXCAVATION ACTIVITIES</u>

On May 3, 2011, OHA's contractor encountered potential hydrocarbon-bearing soil in the area of the "May 2011 Excavation" depicted on Figure 3. CRA was contacted to investigate. CRA determined that the potential hydrocarbon-bearing soil extent was larger than anticipated after potholing with a backhoe to approximately 8 fbg and screening the soil using a photoionization detector (PID). Samples GT-1, GT-2, and GT-3 were collected at depths of 8 and 5 fbg. Also a three-point composite soil sample, C-1, was collected from the stockpiled soil generated during the potholing activities. Hydrocarbons were detected in samples GT-1, GT-2, GT-3, and C-1 above ESLs (Table 1). The potholed area was temporarily backfilled with the excavated soil until a larger excavation could be completed.

On May 27, 2011, CRA returned to oversee the excavation of the hydrocarbon-bearing soil observed on May 3, 2011. The lateral extent of the excavation is depicted on Figure 3 as "May 2011 Excavation". Soil sample locations GT-1 through GT-3 were over-excavated and are not depicted on Figure 3. The depth of the excavation was

approximately 12.5 fbg. Sidewall and bottom soil samples were collected between approximately 6 and 12.5 fbg. Only TPHmo and TPHd concentrations detected at OE-E-7 exceeded the soil leaching ESLs. Soil samples OE-E-7 and OE-E-10.4 were not over-excavated at the time since they were located in the area of a proposed elevator shaft. OHA and CRA decided to return to this area when the elevator shaft construction was complete. Approximately 234 cubic yards of soil were transported and disposed at Keller Canyon (Appendix E).

2.3 JUNE 2011 ACTIVITIES

On June 10, 2011, an additional over-excavation in the area of OE-E-7 (elevator shaft construction area) was performed until soil staining was not observed. Confirmation soil samples OE-E2-C at 12 fbg and OE-E2-6 at 6 fbg were collected (Figure 3). TPHmo and TPHd were detected in OE-E2-C; however, no ESLs were exceeded. Approximately 18 cubic yards of soil was over-excavated and transported to Keller Canyon (Appendix E).

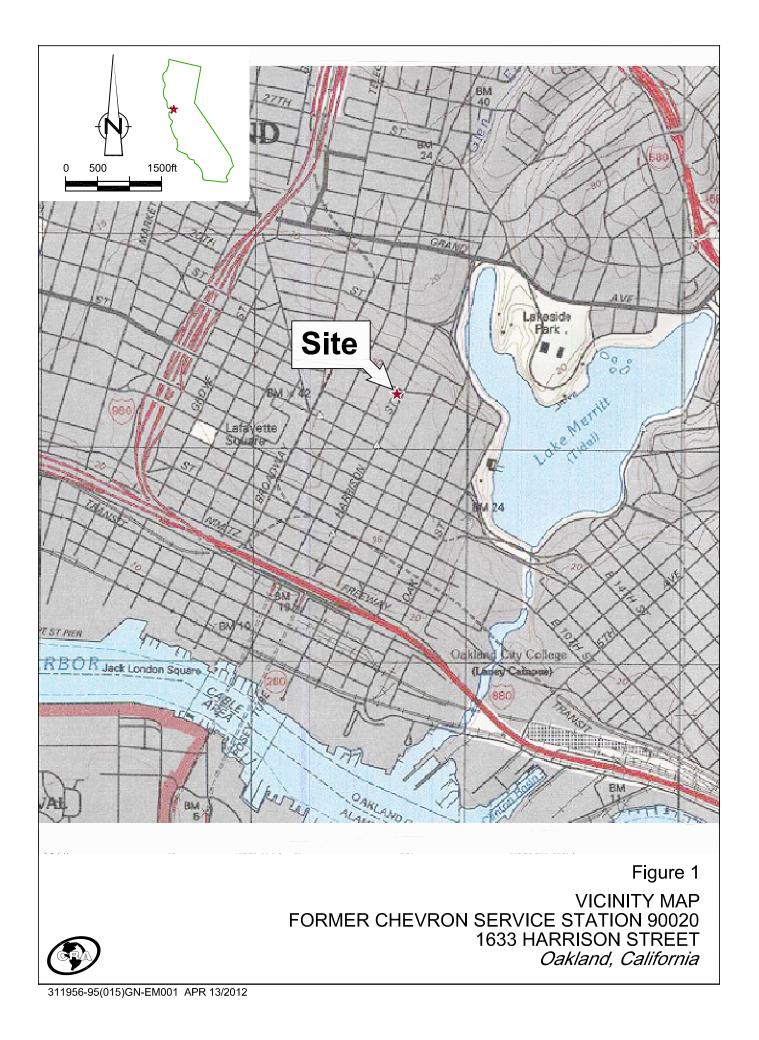
2.4 <u>AUGUST 2012 ACTIVITIES</u>

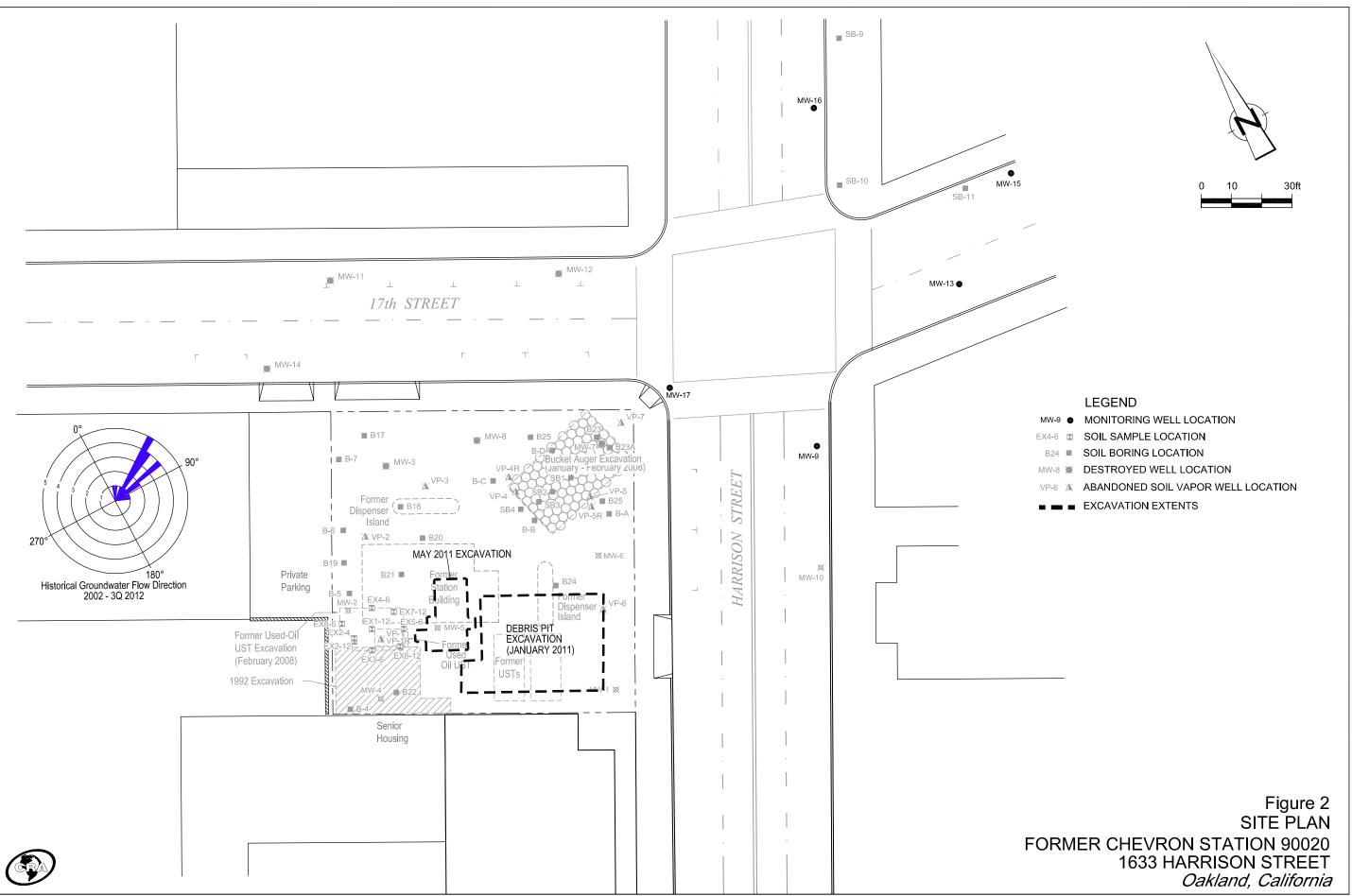
OHA completed redevelopment of the sidewalk area in August 2012. CRA did not complete any sampling because no potential hydrocarbon-bearing soil was observed.

3.0 <u>SUMMARY</u>

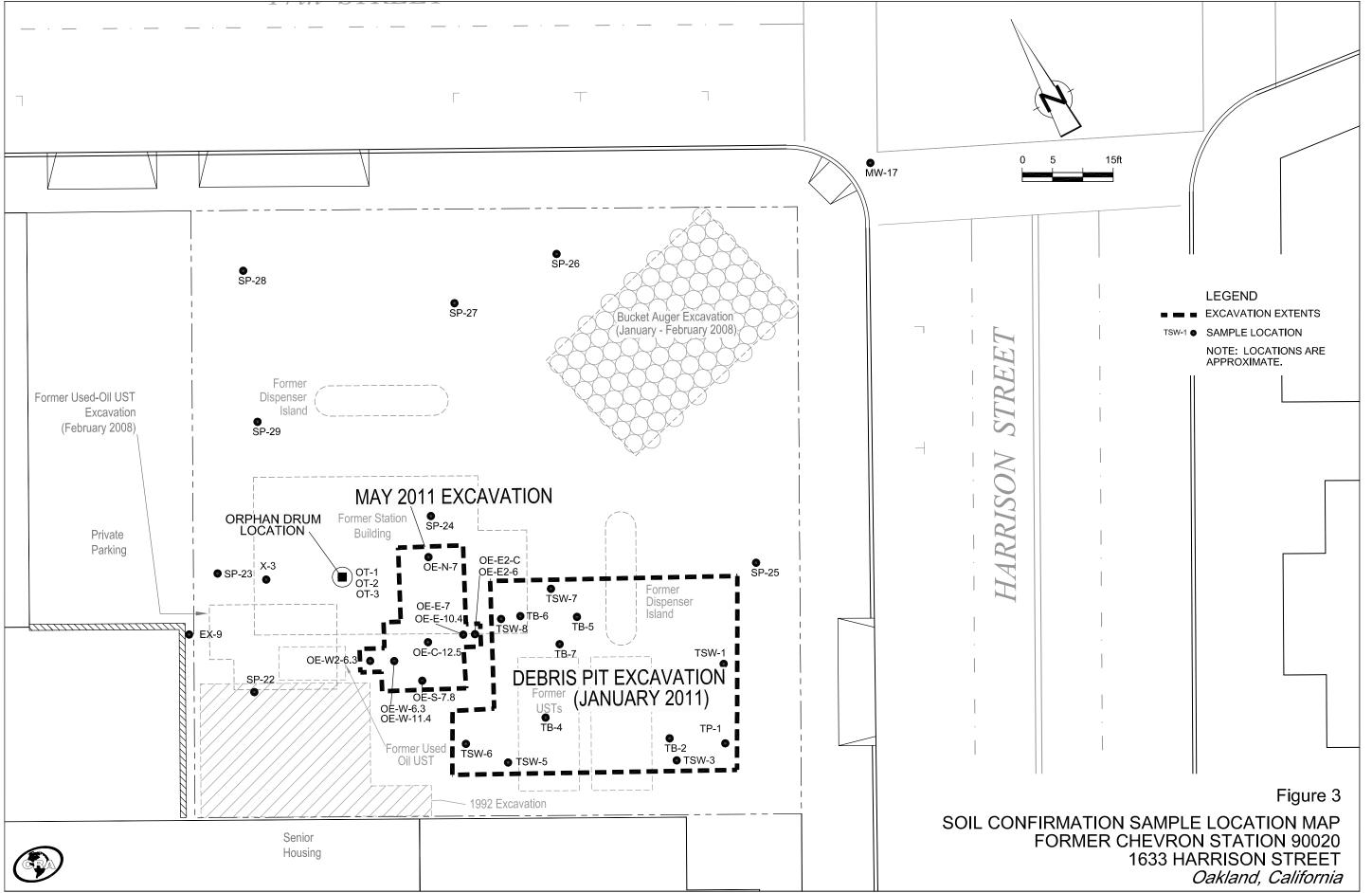
OHA has completed construction of the multi-level senior housing facility. All petroleum hydrocarbon detections that exceeded ESLs were excavated, transported, and disposed of offsite. A total of approximately 342 cubic yards of soil were transported and disposed of at Keller Canyon during redevelopment activities. One orphan drum was encountered, cleaned, transported, and disposed of at Schnitzer Steel. Soils from the debris pit excavation and grading activities that were below the RWQCB's Technical Reference Document were reused onsite.

FIGURES

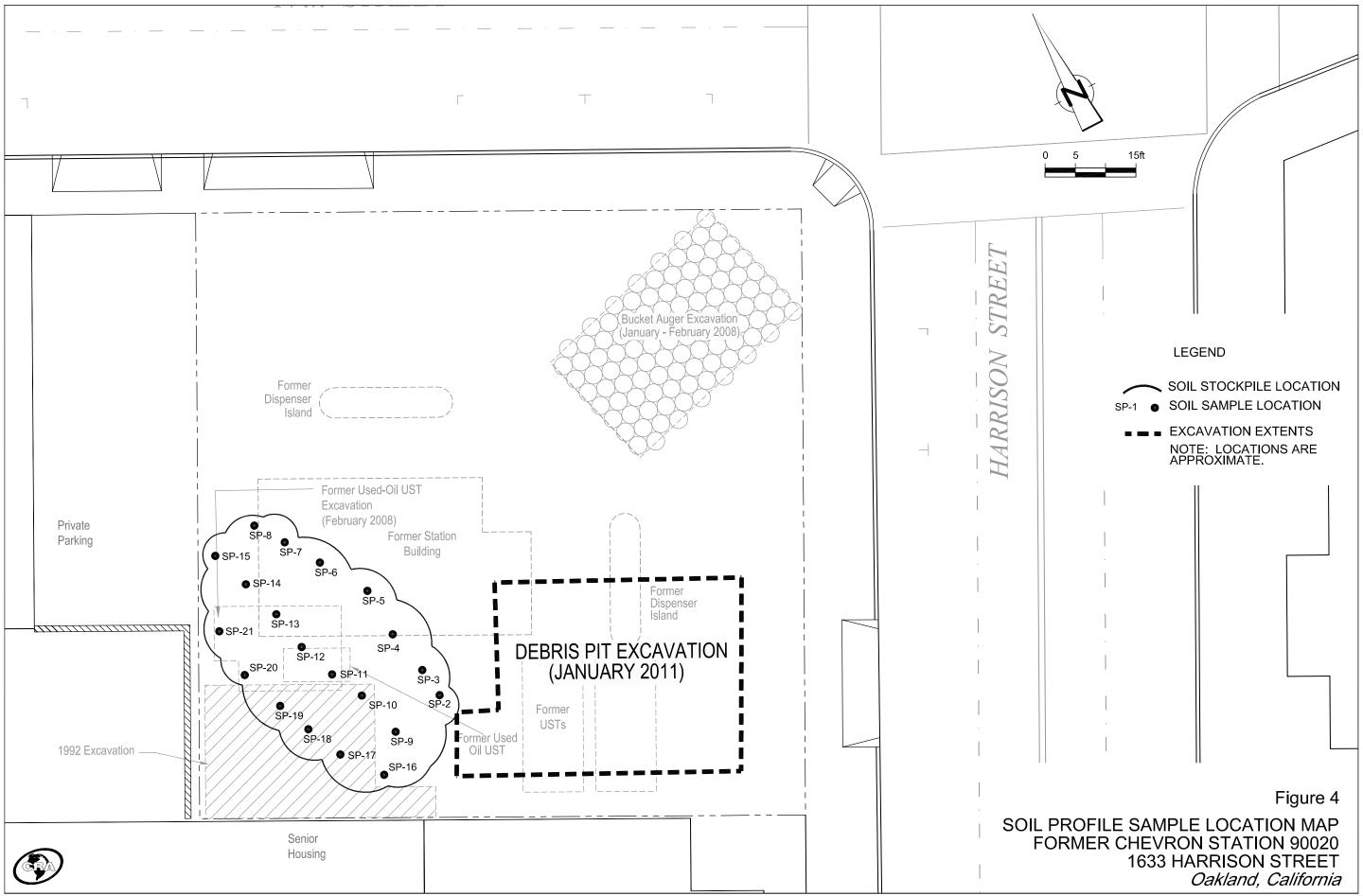




311956-2012(016)GN-EM002 NOV 8/2012



311956-2012(016)GN-EM003 NOV 9/2012



311956-2012(016)GN-EM004 NOV 9/2012

TABLE

Sample ID	Sample Date	Sample Depth (fbg)	TPHmo (mg/kg)	TPHd (mg/kg)	TPHg (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl- benzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	Naphth- alene (mg/kg)	Cd (mg/kg)	Cr (III) (<i>mg/kg</i>)	Pb (<i>mg/kg</i>)	Ni (<i>mg/kg</i>)	Zn (<i>mg/kg</i>)
	ing, Current or p ater source (Table	otential drinking e G)	NE	83	83	0.044	2.9	3.3	2.3	0.023	NE	NE	NE	NE	NE	NE
ESL: Direct Expos	sure, Constructio (Table K-3)	on/Trench Worker	12,000	4,200	4,200	12	650	210	420	2,800	NE	39	1,200,000	750	260	23,000
Debris Pit Excava	ation Sampling															
TSW-1	01/03/11	11.0		20	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005						
TB-2	01/04/11	10.5		53	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005						
TSW-3	01/04/11	11.0		27	<1	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005						
TB-4	01/04/11	9.0		<4.0	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005						
TB-5	01/05/11	14.0		<1	<1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005						
TSW-5	01/04/11	9.0		42	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005						
TB-6	01/05/11	14.0		<1	<1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005						
TSW-6	01/04/11	9.0		<4.0	<1	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005						
TB-7	01/05/11	14.0		4.7	<1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005						
TSW-7	01/05/11	10.0		<1	<1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005						
TSW-8	01/05/11	10.0		<1	<1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005						
TP-1	01/06/11			2.2	<1.0	< 0.005	< 0.005	<0.005	<0.005	< 0.005						
Soil Sample Near	former Used-Oi	l UST Excavation (February 20	08)												
EX-9	01/04/11	5.0	<10	<4.0	<1	< 0.0005	< 0.001	< 0.001	<0.001	< 0.0005		0.550	16.4	2.60	84.2	38.8
Soil Stockpile Sa	mples															
SP-1	01/05/11			15	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005				27		
SP-2	01/06/11			14	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005					
SP-3	01/06/11			13	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005					
SP-4	01/06/11			13	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005					
SP-5	01/06/11			13	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005					
SP-6	01/06/11			55	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005					
SP-7	01/06/11			16	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005					
SP-8	01/06/11			40	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005					

Sample ID	Sample Date	Sample Depth (fbg)	TPHmo (mg/kg)	TPHd (mg/kg)	TPHg (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl- benzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	Naphth- alene (mg/kg)	Cd (<i>mg/kg</i>)	Cr (III) (<i>mg/kg</i>)	Pb (mg/kg)	Ni (<i>mg/kg</i>)	Zn (mg/kg)
ESL: Soil Leachin	er, Current or po er source (Table	otential drinking	NE	83	83	0.044	2.9	3.3	2.3	0.023	NE	NE	NE	NE	NE	NE
ESL: Direct Exposu	ure, Constructio (Table K-3)	n/Trench Worker	12,000	4,200	4,200	12	650	210	420	2,800	NE	39	1,200,000	750	260	23,000
SP-9	01/06/11			16	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005					
SP-10	01/06/11			57	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005					
SP-11	01/06/11			23	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005					
SP-12	01/06/11			15	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005					
SP-13	01/06/11			18	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005					
SP-14	01/06/11			7.9	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005					
SP-15	01/06/11			3.6	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005					
SP-16	01/06/11			12	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005					
SP-17	01/06/11			11	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005					
SP-18	01/06/11			13	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005					
SP-19	01/06/11			7.1	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005					
SP-20	01/06/11			6.4	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005					
SP-21	01/06/11			11	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005					
OHA-1	01/18/11		49	16	<1.0							<1.5	36	48	23	56
B-1	01/25/11		72	12	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005				8.6		
Additional Soil Pr	ofile Samples															
SP-23	01/11/11		3,700	320	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005		<0.25	39	<5.0	18	14
SP-24	01/11/11		<5.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005				<5.0		
SP-25	01/11/11		12	2.4	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005				5.2		
SP-26	01/11/11		<5.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005		-		<5.0		
SP-27	01/11/11		<5.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005				<5.0		
SP-28	01/11/11		<5.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005				<5.0		
SP-29	01/11/11		<5.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005				<5.0		
Debris-1	01/11/11		160,000	34,000	530	<0.020	0.17	0.21	1.9	<0.020	-	21	27	5,400	24	2,100
Debris-1-Rerun	01/11/11											12	46	1,400	35	800

Sample ID	Sample Date	Sample Depth (fbg)	TPHmo (mg/kg)	TPHd (mg/kg)	TPHg (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl- benzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	Naphth- alene (mg/kg)	Cd (mg/kg)	Cr (III) (<i>mg/kg</i>)	Pb (<i>mg/kg</i>)	Ni (<i>mg/kg</i>)	Zn (<i>mg/kg</i>)
ESL: Soil Leaching, water	Current or po source (Table		NE	83	83	0.044	2.9	3.3	2.3	0.023	NE	NE	NE	NE	NE	NE
ESL: Direct Exposure (e, Construction (Table K-3)	n/Trench Worker	12,000	4,200	4,200	12	650	210	420	2,800	NE	39	1,200,000	750	260	23,000
Additional Excavation	on Soil Sampl	es														
X-3	01/25/11	3.0	<5.0	<1.0	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005				6.6		
OT-1 ¹	01/25/11	0	75,000	14,000	1,900	< <u>2.0</u>	14	5.0	32	< <u>2.0</u>	17	1.3	30	110	11	360
OT-2-Oily Liquid ^{1, 2}	01/26/11		380,000	130,000	72,000	45	430	210	1400	<25	900	0.80	<0.5	500	<0.5	330
OT-2	04/06/11	2.0	<5.0	<1	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		<1.5	52	<5.0	38	23
OT-3	04/06/11	3.0	<5.0	<1	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		<1.5	71	<5.0	55	39
GT-1-8 ³	05/03/11	8.0	9,600	2,100	420	0.12	1.0	1.3	5.1	<0.10		<0.25	64	29	41	24
GT-2-5 ³	05/03/11	5.0	260	40	2.6	<0.005	<0.005	<0.005	0.0082	<0.005		<0.25	65	11	50	36
GT-3-5 ³	05/03/11	5.0	5,100	1,100	110	<0.10	<0.10	0.49	1.2	<0.10		<0.25	74	65	59	4 9
C-1 (stockpile)	05/03/11		15,000	2,200	150	< 0.25	0.64	1.2	5.9	<0.25		<1.5	52	940	28	110
OE-E-10.4	05/27/11	10.4	<5.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05		<1.5	61	< 5.0	47	24
OE-E-7	05/27/11	7.0	1,600	270	4.1	<0.005	0.015	<0.005	0.018	<0.05		<1.5	76	140	38	33
OE-N-7	05/27/11	7.0	<5.0	<1.0	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05		<1.5	62	<5.0	36	25
OE-C-12.5	05/27/11	12.5	<5.0	<1.0	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05		<1.5	45	<5.0	51	18
OE-5-7.8	05/27/11	7.8	<5.0	<1.0	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05		<1.5	100	<5.0	34	20
OE-W-6.3	05/27/11	6.3	<5.0	<1.0	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05		<1.5	70	<5.0	39	27
OE-W-11.4	05/27/11	11.4	8.2	2.1	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05		<1.5	43	<5.0	41	19
OE-W2-6.3	05/27/11	6.3	11.0	2.6	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05		<1.5	61	<5.0	33	22
OE-E2-C	06/10/11	12.5	18.0	2.2	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	<0.05		<1.5	68	<5.0	48	27
OE-E2-6	06/10/11	6.0	<5.0	<1.0	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05		<1.5	51	<5.0	44	21

Sample ID	Sample Date	Sample Depth (fbg)	TPHmo (mg/kg)	TPHd (mg/kg)	TPHg (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl- benzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	Naphth- alene (mg/kg)	Cd (mg/kg)	Cr (III) (<i>mg/kg</i>)	Pb (<i>mg/kg</i>)	Ni (mg/kg)	Zn (<i>mg/kg</i>)
			(112/12)	((((((((8 8	(8 8	(0 0/	(((
ESL: Soil Leaching, water :	Current or p source (Table	0	NE	83	83	0.044	2.9	3.3	2.3	0.023	NE	NE	NE	NE	NE	NE
ESL: Direct Exposure (e, Constructio (Table K-3)	on/Trench Worker	12,000	4,200	4,200	12	650	210	420	2,800	NE	39	1,200,000	750	260	23,000

Notes

Total Petroleum hydrocarbons as Diesel (TPHd) and total petroleum hydrocarbons as Motor Oil (TPHmo) by EPA method 8015B mod with silica gel cleanup unless otherwise noted.

Total petroleum hydrocarbons as gasoline (TPHg) by EPA method 8015 unless otherwise noted.

Benzene, toluene, ethylbenzene, xylenes (BTEX), methyl tert-butyl alcohol (MTBE), and Naphthalene by EPA method 8260 unless otherwise noted.

Cadmium (Cm), trivalent chromium (Cr (III)), lead (Pb), nickel (Ni), and zinc (Zn) by EPA Method 6010B, unless otherwise noted.

Strikethrought = Sample location overexcavated

fbg = Feet below grade.

mg/kg = Milligrams per kilogram

Bold = Concentration exceeds applicable ESL

< x = Not detected above lab detection limit.

-- = Not analyzed or not applicable.

1 = Cadmium (Cm), trivalent chromium (Cr (III)), lead (Pb), nickel (Ni), and zinc (Zn) by EPA Method 3050.

2 = Liquid sample, results reported in milligrams per liter (mg/L)

3 = Cadmium (Cm), trivalent chromium (Cr (III)), lead (Pb), nickel (Ni), and zinc (Zn) by EPA Method 6020.

APPENDIX A

REGULATORY CORRESPONDENCE

ALAMEDA COUNTY HEALTH CARE SERVICES



ENVIRONMENTAL HEALTH SERVICES ENVIRONMENTAL PROTECTION 1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502-6577 (510) 567-6700 FAX (510) 337-9335

August 2, 2012

Ms. Catalina Espino Devine Chevron Environmental Management 6101 Bollinger Canyon Road San Ramon, CA 94583 (Sent via electronic mail to: <u>espino@chevron.com</u>)

ALEX BRISCOE, Agency Director

AGENCY

Mr. Shadrick Small Oakland Housing Authority 1805 Harrison Street Oakland, CA 94612 (Sent via electronic mail to: <u>ssmall@oakha.org</u>)

Subject: Request for Onsite Remediation Progress Report and Offsite Work Plan; Fuel Leak Case No. RO0000143 (Global ID # T0600100304), Chevron #9-0020, 1633 Harrison Street, Oakland, CA 94612

Dear Ms. Espino Devine and Mr. Small:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above-referenced site, including the Offsite Subsurface Investigation and Vapor Probe Destruction Report, dated December 15, 2010, and the First Semi-Annual 2012 Groundwater Monitoring and Sampling Report, dated May 16, 2012 prepared by Conestoga-Rovers & Associates (CRA) of Rancho Cordova, California. Thank you for providing the report.

Based on the review of the case file ACEH requests that you address the following technical comments and send us the documents requested below.

TECHNICAL COMMENTS

- 1. Request for Remediation Progress Report Onsite remedial actions were essentially completed in early 2011 when the former tank pit in the southern portion of the site was excavated and demolition debris (concrete, asphalt, metal debris, and other items) previously used to fill the basin was excavated and removed, and residual contamination was overexcavated, and when a buried 55-gallon waste oil drum / UST was discovered, characterized, removed, and the vicinity overexcavated. It is understood that additional remedial and mitigation efforts may occur beneath the sidewalk immediately off the site. Consequently ACEH requests the submittal of a Remediation Progress Report for these actions within 60 days of remedial actions immediately offsite, or by the date identified below.
- 2. Request for Sensitive Receptor Survey Downgradient well MW-16 and soil bore SB9 (and SB10) were installed immediately adjacent to the Kaiser-Permanente underground parking structure. This can be considered a sensitive receptor as a "confined" space, and additional receptors may be present in the local area (these may include other underground structures such as basements or other structures, or may include sensitive land uses such as day care). As a consequence ACEH requests the submittal of a Sensitive Receptor Survey in the downgradient direction for a length of two blocks, and for a one block width (a two block total width) using Harrison Street as a center line, to determine these details. Please submit the Sensitive Receptor Survey, and incorporate the findings in to the work plan, by the date referenced below.
- 3. Request for Offsite Work Plan The downgradient extent of the dissolved groundwater plume remains undefined. Recent groundwater concentrations in downgradient well MW-16 were 11,000 µg/l TPHg and 33 µg/l benzene, while grab groundwater concentrations in soil bore SB9 (located further downgradient, and installed October 2010) were 5,100 µg/l TPHg and 82 µg/l

benzene. In accordance with previous ACEH directive letters, ACEH requests the submittal of a work plan by the date referenced below to undertake these actions. The work plan should utilize the results of the sensitive receptor survey to help define the scope of work.

The conclusions of the referenced *Offsite Subsurface Investigation and Vapor Probe Destruction Report* indicate that the northeast corner of the Harrison and 17th Street intersection (where the Kaiser-Permanente underground parking structure currently is located) was a historic gasoline service station. ACEH may have overlooked this information, but is not otherwise aware of this, nor does the site map out in Geotracker. ACEH requests that available information or reports be identified if already available, or submitted to both the ACEH ftp site and to Geotracker due to their potential relevance to the requested additional downgradient delineation, by the date identified below.

4. Groundwater Monitoring Interval – The referenced groundwater monitoring report recommended semi-annual groundwater monitoring of all wells, including new well MW-17 on a semi-annual basis using the first and third quarter of a year. ACEH is in general agreement with the proposed groundwater monitoring interval, and requests submittal of associated reports by the dates identified below.

TECHNICAL REPORT REQUEST

Please upload technical reports to the ACEH ftp site (Attention: Mark Detterman), and to the State Water Resources Control Board's Geotracker website, in accordance with the specified file naming convention below, according to the following schedule:

 September 28, 2012 – Sensitive Receptor Survey and Work Plan (with electronic submittal of documentation of downgradient historic gasoline service station).

File to be named: WP_SWI_R_yyyy-mm-dd

October 12, 2012 – Remediation Progress Report

File to be named: REM_R_yyyy-mm-dd

November 16, 2012 – Second Semi-Annual 2012 Groundwater Monitoring Report

File to be named: GWM_R_yyyy-mm-dd

May 24, 2013 – First Semi-Annual 2013 Groundwater Monitoring

File to be named: GWM_R_yyyy-mm-dd

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

Online case files are available for review at the following website: <u>http://www.acgov.org/aceh/index.htm</u>. If your email address does not appear on the cover page of this notification, ACEH is requesting you provide your email address so that we can correspond with you quickly and efficiently regarding your case.

Ms. Espino Devine and Mr. Small RO0000143 August 2, 2012, Page 3

If you have any questions, please call me at (510) 567-6876 or send me an electronic mail message at mark.detterman@acgov.org.

Sincerely,

Digitally signed by Mark E. Detterman DN: cn=Mark E. Detterman, o, ou, email, c=US Date: 2012.08.02 15:16:21 -07'00'

Mark E. Detterman, PG, CEG Senior Hazardous Materials Specialist

Enclosures: Attachment 1 – Responsible Party (ies) Legal Requirements / Obligations Electronic Report Upload (ftp) Instructions

cc: Tina Hariu, 5900 Hollis Street, Suite A, Emeryville, CA 94608 (sent via electronic mail to <u>thariu@craworld.com</u>)

Nathan Lee, Conestoga-Rovers & Assoc., 5900 Hollis Street, Suite A, Emeryville, CA 94608 (sent via electronic mail to <u>nlee@craworld.com</u>)

Ms. Jeriann Alexander, FugroWest, Inc, 1000 Broadway, Suite 400, Oakland, CA 94607

Leroy Griffin, Oakland Fire Department, 250 Frank H. Ogawa Plaza, Suite 3341, Oakland, CA 94612-2032 (sent via electronic mail to lgriffin@oaklandnet.com)

Karl Lauff, Christian Church Homes, 303 Hegenberger Road, Suite 201, Oakland, CA 94621-1419; (sent via electronic mail to <u>klauff@cchnc.org</u>)

Donna Drogos, (sent via electronic mail to <u>donna.drogos@acgov.org</u>) Mark Detterman (sent via electronic mail to <u>mark.detterman@acgov.org</u>) Electronic File, GeoTracker

Attachment 1

Responsible Party(ies) Legal Requirements/Obligations

REPORT REQUESTS

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of reports in electronic form. The electronic copy replaces paper copies and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) GeoTracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for all groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the GeoTracker database over the Internet. Beginning July 1, 2005, these same reporting requirements were added to Spills, Leaks, Investigations, and Cleanup (SLIC) sites. Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites is required in GeoTracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.waterboards.ca.gov/water issues/programs/ust/electronic submittal/).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

Alemente County Environmental Cleanup	REVISION DATE: July 20, 2010
Alameda County Environmental Cleanup Oversight Programs	ISSUE DATE: July 5, 2005
(LOP and SLIC)	PREVIOUS REVISIONS: October 31, 2005; December 16, 2005; March 27, 2009; July 8, 2010
SECTION: Miscellaneous Administrative Topics & Procedures	SUBJECT: Electronic Report Upload (ftp) Instructions

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

REQUIREMENTS

- Please <u>do not</u> submit reports as attachments to electronic mail.
- Entire report including cover letter must be submitted to the ftp site as a single portable document format (PDF) with no password protection.
- It is preferable that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- Signature pages and perjury statements must be included and have either original or electronic signature.
- <u>Do not</u> password protect the document. Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. Documents with password protection will not be accepted.
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:

RO#_Report Name_Year-Month-Date (e.g., RO#5555_WorkPlan_2005-06-14)

Submission Instructions

- 1) Obtain User Name and Password
 - a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
 - i) Send an e-mail to <u>deh.loptoxic@acgov.org</u>
 - b) In the subject line of your request, be sure to include "ftp PASSWORD REQUEST" and in the body of your request, include the Contact Information, Site Addresses, and the Case Numbers (RO# available in Geotracker) you will be posting for.
- 2) Upload Files to the ftp Site
 - a) Using Internet Explorer (IE4+), go to <u>ftp://alcoftp1.acgov.org</u>
 - (i) Note: Netscape, Safari, and Firefox browsers will not open the FTP site as they are NOT being supported at this time.
 - b) Click on Page located on the Command bar on upper right side of window, and then scroll down to Open FTP Site in Windows Explorer.
 - c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
 - d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
 - e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.
- 3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
 - a) Send email to deh.loptoxic@acgov.org notify us that you have placed a report on our ftp site.
 - b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name @acgov.org. (e.g., firstname.lastname@acgov.org)
 - c) The subject line of the e-mail must start with the RO# followed by **Report Upload**. (e.g., Subject: RO1234 Report Upload) If site is a new case without an RO#, use the street address instead.
 - d) If your document meets the above requirements and you follow the submission instructions, you will receive a notification by email indicating that your document was successfully uploaded to the ftp site.

From: Detterman, Mark, Env. Health [mailto:Mark.Detterman@acgov.org]
Sent: Wednesday, October 24, 2012 1:29 PM
To: Lee, Nathan
Cc: Espino Devine, Catalina
Subject: RE: RO 0143 Former Chevron Station 90020 1633 Harrison Street, Oakland - Remediation Progress Report Extension Request

Nathan,

ACEH is in agreement that discussion of this site at the meeting may be beneficial; please use this email to document agreement. I'll update Geotracker shortly. Regards,

Mark Detterman Senior Hazardous Materials Specialist, PG, CEG Alameda County Environmental Health 1131 Harbor Bay Parkway Alameda, CA 94502 Direct: 510.567.6876 Fax: 510.337.9335 Email: <u>mark.detterman@acgov.org</u>

PDF copies of case files can be downloaded at:

http://www.acgov.org/aceh/lop/ust.htm

From: Lee, Nathan [mailto:nlee@craworld.com]
Sent: Wednesday, October 24, 2012 12:15 PM
To: Detterman, Mark, Env. Health
Cc: Espino Devine, Catalina
Subject: RE: RO 0143 Former Chevron Station 90020 1633 Harrison Street, Oakland - Remediation
Progress Report Extension Request

Mark,

Conestoga-Rover and Associates (CRA) on behalf of Chevron Environmental Management Company (EMC) would like to request an extension for the Remediation Progress Report which was requested by Alameda County Environmental Health (ACEH) in their letter dated August 2, 2012 and due on October 26, 2012. The reason for this extension request is, CRA needed to verifying the large amount of data that was collected during the remedial and redevelopment activities. Also both CRA and EMC are preparing for a meeting with ACEH to discuss the sites within ACEH's jurisdiction. It would be beneficial to submit the report after the November 1, 2012 meeting with ACEH. Therefore an extension of **November 9, 2012** for the submittal of the Remedial Progress Report is requested.

Thanks,

Nathan Lee, P.G. Conestoga-Rovers & Associates (CRA) 5900 Hollis Street, Suite A Emeryville, CA 94608 Phone: 510.420.3333 Fax: 510.420.9170 Cell: 510.385.2499 Email: <u>nlee@CRAworld.com</u> APPENDIX B

SUMMARY OF ENVIRONMENTAL INVESTIGATION AND REMEDIATION

SUMMARY OF ENVIRONMENTAL INVESTIGATION AND REMEDIATION

1988 Soil Vapor Survey Investigation

EA Engineering, Science, and Technology, Inc. (EA) conducted a soil vapor survey in January 1988. A total of 22 samples were collected at 11 locations throughout the site. The highest hydrocarbon concentrations were detected in the vicinity of the former used oil underground storage tanks (UST) in the southwestern section of the site. Additional information is available in EA's January 27, 1988 *Soil Vapor Contaminant Assessment Report of Investigation*.

1988 Monitoring Well Installation

In October 1988, Western Geologic Resources (WGR) installed monitoring wells MW-1 through MW-3. Additional information is available in WGR's January 24, 1989 *Soil Sampling and Monitoring Well Installation Letter*.

1989 Soil Boring and Monitoring Well Installation

WGR installed five monitoring wells MW-4 through MW-8. Additional information is available in WGR's June 1989 *Subsurface Investigation*.

June 1990 Offsite Well Installation

WGR installed four offsite monitoring wells, MW-9 through MW-12, in June 1990. The purpose was to delineate the extent of hydrocarbons downgradient and crossgradient of the site. Additional information is available in WGR's July 1990 *Offsite Subsurface Investigation*.

October 1991 Offsite Well Installation

Pacific Environmental Group (PEG) installed monitoring well MW-13 to further evaluate the extent of the dissolved hydrocarbon plume, and upgradient monitoring well MW-14 to investigate suspected offsite origination of halogenated volatile organic compounds (HVOCs). Four soil borings (B-A through B-D) were advanced to assess the extent of hydrocarbons in the vicinity of well MW-7. Additional information is available in PEG's January 14, 1992 *Subsurface Investigation Report*.

December 1991 Soil Vapor Extraction Feasibility Test

PEG applied positive and negative pressures to well MW-4 using a regenerative blower and measured pressure response in surrounding wells. Soil vapor measurements and samples were collected. PEG recommended comparing additional remedial technologies. Additional information is available in PEG's April 1, 1992 *Soil Vapor Extraction Feasibility Test Letter*.

November-December 1992 Offsite Well Installation

Groundwater Technology, Inc. (GTI) installed offsite monitoring wells MW-15 and MW-16 to further delineate the dissolved hydrocarbon plume downgradient. Additional information is available in GTI's February 18, 1993 *Additional Environmental Assessment Report*.

January 1992 Soil Excavation

PEG oversaw removal of hydrocarbon impacted soil from the vicinity of well MW-4 and excavation of a 30 foot long by 5 foot deep trench across the area of the former USTs to confirm that the USTs had been removed from the site. Removal of the USTs was confirmed; however, construction debris (concrete slabs and piping) were observed in soils within the former UST pit. Additional information is available in PEG's June 2, 1992 *Soil Excavation Letter Report*.

1992 Chlorinated Hydrocarbon Investigation

Geraghty & Miller, Inc. (G-M) evaluated the volatile organic compound (VOC) distribution based on existing monitoring well data and analytical data from previous excavation. The report concluded that that VOCs detected in groundwater beneath the site were from an offsite source. Additional information is available in G-M's October 5, 1992 *Evaluation of Chlorinated Hydrocarbon Distribution*.

July to December 1993 SVE Remediation System Installation and Operation

A soil vapor extraction (SVE) system was installed and operated from July 1, 1993 through December 12, 1993. System evaluation showed minimal effectiveness due to low permeability soils. The system was shut down in December 1993, and all system equipment was removed in December 1996. Additional information is available in G-M's *Quarterly Groundwater Treatment System Compliance Report*.

January 1998 Well Destructions

PEG destroyed monitoring wells MW-1 through MW-6, MW-8, MW-10 through MW-12, and MW-14. All wells were over-drilled then tremmie grouted to the surface. Additional information is available in PEG's February 19, 1998 *Well Abandonments*.

June 2004 Additional Subsurface Investigation

In anticipation of future site development with subsurface parking, Cambria Environmental Technology, Inc., (Cambria) conducted an additional subsurface investigation to further define residual hydrocarbons in soil. A first generation dispenser island located approximately 15 feet upgradient of monitoring well MW-17 most likely was the source of the detected hydrocarbons in soil in the vicinity of well MW-7. Additional information is available in Cambria's October 14, 2004 *Subsurface Investigation Report*.

April 2007 Onsite Subsurface Investigation

CRA advanced soil borings SB1 through SB4 upgradient of MW-7 to define the extent of hydrocarbons in soils. Additional information is available in CRA's May 25, 2007 *Onsite Subsurface Investigation Report*.

June 2007 Soil Vapor Survey Installation and Investigation

CRA installed nested soil vapor probes VP-1 through VP-6. Soil and soil vapor samples were collected from all probes and the highest hydrocarbon concentrations in soil were detected in the vicinity of the former used oil UST. Additional information is available in CRA's June 28, 2007 *Vapor Probe Survey Report*.

January – March 2008 Excavations

CRA oversaw the removal of hydrocarbon-bearing soil in the vicinity of well MW-7 and in the area of the previous used-oil UST between January and February 2008. Soil was removed using large diameter bucket augers and sealed with grout. On February 13 and 15, 2008, soil in the vicinity of the former used-oil UST was excavated with a backhoe. A total of approximately 922 cubic yards of soil were removed during these excavations. Well MW-7, and vapor probes VP-1, VP-4, and VP-5 were destroyed during the excavation. VP-1R, VP-4R, and VP-5R were installed to replace the original vapor probes. Additional information is available in CRA's July 11, 2008 *Remedial Activities Report*.

October 2009 Onsite Soil Borings and Vapor Probe Installation

CRA advanced two soil borings, SB7 and SB8, downgradient of the second generation UST pit to further delineate hydrocarbons in soil and groundwater. CRA installed nested soil vapor probe VP-7 downgradient of the 2008 excavation extent. Analytical data from this investigation indicates the former second generation UST pit is not a source of residual petroleum hydrocarbons. Additional information is available in CRA's December 30, 2009 *Additional Onsite Investigation Report*.

January 2010 Attempted Offsite Well Installation

CRA attempted to install an offsite downgradient monitoring well in the intersection of Harrison and 17th Streets. Underground utilities prevented the well installation in a location suitable to Alameda County Environmental Health (ACEH). CRA proposed an alternative method for the installation of the well. Additional information is available in CRA's July 9, 2010 *Work Plan Addendum for Monitoring Well Installation and Offsite Investigation*.

March 2010 Revised Risk Assessment

CRA submitted a *Revised Risk Assessment* in response to ACEH's request for additional evaluation of potential risk associated with total petroleum hydrocarbon concentrations. The risk assessment indicated that subsurface conditions do not pose a potential risk to future onsite residents. Additional information is available in CRA's March 9, 2010 *Revised Risk Assessment*.

October 2010 Revised Risk Assessment

CRA installed offsite groundwater monitoring well MW-17 and advanced offsite soil borings SB9 through SB11 to assess hydrocarbon concentrations downgradient of the site. CRA destroyed all onsite soil vapor probes destroyed soil vapor probes VP-1R, VP-2, VP-3, VP-4R, VP-5R, VP-6, and VP-7 to facilitate onsite redevelopment. Additional information is available in CRA's December 15, 2010 *Offsite Subsurface Investigation and Vapor Probe Destruction Report*

APPENDIX C

LABORATORY ANALYTICAL REPORTS

WcCampbell And "When Oualit		Web: www.mccampbell.c	Road, Pittsburg, CA 945 com E-mail: main@mc 52-9262 Fax: 925-25	ccampbell.com
Conestoga-Rovers & Associates	Client Project ID: #9-0020;	1633 Harrison St. Oakland	Date Sampled:	01/06/11
5900 Hollis St, Suite A			Date Received:	01/06/11
	Client Contact: Nathan Le	e	Date Reported:	01/07/11
Emeryville, CA 94608	Client P.O.:		Date Completed:	01/07/11

WorkOrder: 1101102

January 07, 2011

Dear Nathan:

Enclosed within are:

- 1) The results of the 20 analyzed samples from your project: #9-0020; 1633 Harrison St. Oakland,
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

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

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

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

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			LLOW PAS RG, CA 94												Т	UR	N	AR	ou	ND) T	IM	E		X	-				Ļ	1	Ç	
	bsite: www.me	ccampbel	Lcom Em		nain@																	1				SH				48 H		72 H	
Te	lephone: (877) 252-92	62		Fax	: (92	25) 2	252	-926	9					G	eol	ra	cke	er E	CDH	1)W) 🗅
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Report To: n/e Company: Con										~	-			+	-		-				_	ysis	Rec	lues	L		-	-	-			_	
Company. OR	ESTOCH	ROU	BES P	heb.	A	> >0	24	14	le	2		_					6			8200		5										260	**Indicate
			E	-Mai	1: 71	lee	0	C	(rea	201	rld	.0	221		80151) MILBRE	-	(B&)			N		Igene									.8	32	here if these samples are
Tele: (5(0) 4	20 0700	>			510						1-1	-				0	20 E				1	Cor						50)	60	2	sylin		potentially
Project #:			P	rojec	t Na	me:	9	-6	202	0	2		_		8015	n	1/55	(1)	Cs)	021)		lors		les)			(5)	09/0	/ 602	2	als ar	34	dangerous to
Project Location	1833 H	ARRISO	N ST		OA	KL	AI	NI	C	- 1	1				I	Silica Cost	(166-	6 (418	HVO	12 / 8	des)	Aros	-	bicid		-	PNA	9109	6010	6	met	ENE	handle:
Sampler Signatu	re: the	5	-				L.,			_	_		_		8	2	case	bons	21 (1	1	estici	LV;	cides	Her	003	00	Hs/	0.8 /	0.8 /	Lear	VED	NEN	
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				2	Type Containers					+					s Gas	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Fotal Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX ONLY (EPA 602 / 8021)	EPA 505/ 608 / 8081 (CI Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT S Metals (200.7 / 200.8 / 6010 / 6020)	1.84	Filter sample for DISSOLVED metals analysis	NAPH THAL	
SAMPLE ID	LOCATION/ Field Point			Containers	Itaj										PH at	sel (8	leum	leum	109	EX (08/8	0821	8141	8151	624	625	MIS	etals	tals	Lead (200 2 / 2008)	le for	1	
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			1.00	Co	ype	Water	Soil	Air	Sludge	Other	ICE	HCL	HNO	Other	Ě	Ha	tal P	tal F	PA 5	TBE	A SI	64 6(PA 51	5 V 2	2 V 5	S V S	PA 8	WN	EI.	1 HE	lter s	A	
				#	F	2	S	<	00	익	ž	T	T	9	H	Ŧ	T	Ŧ	E	N	EI	Ξ	E	E	E	3	13	0	2	1	2		
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5P-7			12:32														-			1													
SP .8			12:33																						_				1				
5P-9	*		12:34																														
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SP-11			12:36																														
5P-12		1	12:37												1	1				1										1			1
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TO BUIFRO @ Crawovid.com

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SAMPLE ID	LOCATION/ Field Point Name	Date	Time	Containers	Type Containers	Water	Soil	Air Shudoo	Other			1		BTEXee TPH as Gas	TPH as Diesel (8015)	Total Petroleum Oil &	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX GNLY (EPA 402/8021)	EPA 505/ 608 / 8081 (CI Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	L.UFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	TT LANEL	Filter sample for DISSOLVED metals analysis	APHTMALENE	
	-			#	T.	3	S.	Shud	0	12	Ĥ	H	õ	TH.	TP	Tot	Tot	EP	III	EP	EP	55	EP	EP	EP	EP	S	EU	E	Filt	2	
58-13		1/6/11	12:38				X							×	×				X										R		1	
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1534 Willow Pass Rd

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

	g, CA 94565-1701 52-9262					Work	Order	: 11011	102	(ClientC	ode: C	ETE				
		WaterTrax	WriteOn	edf	Ľ	Excel		Fax		🗸 Email		Harc	ICopy	🗌 Thii	rdParty	□ J-1	flag
Report to:							Bill to:						Req	uested	TAT:	1	day
Nathan Lee Conestoga- 5900 Hollis Emeryville, ((510) 420-070	Rovers & Associates St, Suite A CA 94608	cc: PO: ProjectNo:	nlee@crawor byifru@crawo #9-0020; 163		kland		Cc 59	counts l onestoga 00 Holli neryville	a-Rov s St, S	ers & As Ste. A	sociat	es		e Rece e Prin		01/06/2 01/06/2	
									Red	quested	Tests	(See le	gend b	elow)			
Lab ID	Client ID		Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
1101102-001	SP-2		Soil	1/6/2011 12:27		А	А	А									
1101102-002	SP-3		Soil	1/6/2011 12:28		Α		А						1			
1101102-003	SP-4		Soil	1/6/2011 12:29		Α		А									
1101102-004	SP-5		Soil	1/6/2011 12:30		Α		А									
1101102-005	SP-6		Soil	1/6/2011 12:31		А		А									
1101102-006	SP-7		Soil	1/6/2011 12:32		А		А									
1101102-007	SP-8		Soil	1/6/2011 12:33		А		А									
1101102-008	SP-9		Soil	1/6/2011 12:34		А		А									
1101102-009	SP-10		Soil	1/6/2011 12:35		А		А									
1101102-010	SP-11		Soil	1/6/2011 12:36		Α		А									
1101102-011	SP-12		Soil	1/6/2011 12:37		Α		А									
1101102-012	SP-13		Soil	1/6/2011 12:38		Α		А									
1101102-013	SP-14		Soil	1/6/2011 12:39		А		Α									
1101102-014	SP-15		Soil	1/6/2011 12:40		Α		А									
Test Legend: 1 8260\ 6	/OC_S 2 7	PREDF RE	PORT	3 TP 8	H(D)W	SG_S		4						5			

1 8260VOC_S		2	PREDF RE
6	[7	
11		12	

5	
10	

The following SampIDs: 001A, 002A, 003A, 004A, 005A, 006A, 007A, 008A, 009A, 010A, 011A, 012A, 013A, 014A, 015A, 016A, 017A, 018A, 019A, 020A contain testgroup.

Prepared by: Ana Venegas

Comments: 24hr rush

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

SP-19

SP-20

SP-21



1534 Willow Pass Rd Pittsburg CA 94565 1701

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

	52-9262					WorkC)rder:	1101	102	ClientCode:	CETE				
		WaterTrax	WriteOn	✓ EDF		Excel	[Fax	🖌 Email	🗌 Ha	ardCopy	Third F	Party	☐ J-f	lag
Report to:						E	Bill to:				Req	uested T	AT:	1	day
Nathan Lee		Email:	nlee@craworl	d.com			Ace	counts	Payable						
Conestoga- 5900 Hollis	Rovers & Associates St, Suite A	cc: PO:	byifru@crawo	rld.com				•	a-Rovers & As s St, Ste. A	sociates	Dai	te Receiv	ed:	01/06/2	2011
Emeryville, (510) 420-07			#9-0020; 1633	3 Harrison St. Oa	kland		Em	eryville	e, CA 94608		Dat	te Printe	d:	01/06/2	2011
					Γ				Requested	Tests (See	legend b	pelow)			
Lab ID	Client ID		Matrix	Collection Date	Hold	1	2	3	4 5	6 7	8	9	10	11	12
1101102-015	SP-16		Soil	1/6/2011 12:41		А		Α							
1101102-016	SP-17		Soil	1/6/2011 12:42		А		Α							
1101102-017	SP-18		Soil	1/6/2011 12:43		А		Α							

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1/6/2011 12:44

1/6/2011 12:45

1/6/2011 12:46

Test Legend:

1101102-018

1101102-019

1101102-020

1 8260VOC_S	2 PREDF REPORT	3 TPH(D)WSG_S	4	5
6	7	8	9	10
11	12			

The following SampIDs: 001A, 002A, 003A, 004A, 005A, 006A, 007A, 008A, 009A, 010A, 011A, 012A, 013A, 014A, 015A, 016A, 017A, 018A, 019A, 020A contain testgroup.

Soil

Soil

Soil

Prepared by: Ana Venegas

Comments: 24hr rush

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



"When Ouality Counts"

Sample Receipt Checklist

Client Name:	Conestoga-Rove	rs & Associates			Date a	nd Time Received:	1/6/2011 3	:51:35 PM
Project Name:	#9-0020; 1633 Ha	rrison St. Oaklar	nd		Check	list completed and re	eviewed by:	Ana Venegas
WorkOrder N°:	1101102	Matrix <u>Soil</u>			Carrier	:: <u>Client Drop-In</u>		
		<u>Chair</u>	n of Cu	<u>stody (C</u>	OC) Informa	tion		
Chain of custody	present?		Yes	\checkmark	No 🗆			
Chain of custody	signed when relinqui	shed and received?	Yes	\checkmark	No 🗆			
Chain of custody	agrees with sample I	abels?	Yes	✓	No 🗌			
Sample IDs noted	by Client on COC?		Yes	\checkmark	No 🗆			
Date and Time of	collection noted by Cli	ent on COC?	Yes	✓	No 🗆			
Sampler's name r	noted on COC?		Yes	✓	No 🗆			
		<u>S</u>	ample	Receipt	Information			
Custody seals int	tact on shipping conta	iner/cooler?	Yes		No 🗆		NA 🔽	
Shipping containe	er/cooler in good cond	ition?	Yes	✓	No 🗆			
Samples in prope	er containers/bottles?		Yes	\checkmark	No 🗆			
Sample containe	rs intact?		Yes	\checkmark	No 🗆			
Sufficient sample	e volume for indicated	test?	Yes	✓	No 🗌			
		Sample Prese	rvatior	n and Ho	ld Time (HT)	Information		
All samples recei	ived within holding tim	e?	Yes	✓	No 🗌			
Container/Temp E	Blank temperature		Coole	er Temp:	4.4°C		NA 🗆	
Water - VOA vial	ls have zero headspa	ce / no bubbles?	Yes		No 🗆	No VOA vials submi	itted 🗹	
Sample labels ch	necked for correct pres	servation?	Yes	✓	No 🗌			
Metal - pH accep	table upon receipt (pH	<2)?	Yes		No 🗆		NA 🗹	
Samples Receive	ed on Ice?		Yes	✓	No 🗆			
		(Ісе Тур	e: WE	TICE)			
* NOTE: If the "N	No" box is checked, se	ee comments below.						

Client contacted:

Date contacted:

Contacted by:

Comments:

McCampbell Ar		<u>ic.</u>	Web: www.mccamp		94565-1701 @mccampbell.co 5-252-9269	om
Conestoga-Rovers & Associates		roject ID: #9-0020); 1633	Date Sampled:	01/06/11	
5900 Hollis St, Suite A	Harrisor	n St. Oakland		Date Received:	01/06/11	
5900 Hollis St, Suite A	Client C	ontact: Nathan L	ee	Date Extracted:	01/06/11	
Emeryville, CA 94608	Client P.	0.:		Date Analyzed:	01/06/11-0	1/07/11
		Organics by P&T				
Extraction Method: SW5030B Lab ID	Ana 1101102-001A	lytical Method: SW826 1101102-002A	ов 1101102-003А	1101102-004A	Work Order:	1101102
Client ID	SP-2	SP-3	SP-4	SP-5	Reporting DF	
Matrix	S	S	S	S		-1
DF	1	1	1	1	S	W
Compound		Conce	entration		mg/Kg	ug/L
Benzene	ND	ND	ND	ND	0.005	NA
Ethylbenzene	ND	ND	ND	ND	0.005	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	0.005	NA
Naphthalene	ND	ND	ND	ND	0.005	NA
Toluene	ND	ND	ND	ND	0.005	NA
Xylenes	ND	ND	ND	ND	0.005	NA
	Surr	ogate Recoveries	s (%)		<u> </u>	
%SS1:	92	95	93	93		
%SS2:	105	104	105	105		
%SS3:	90	91	90	90		
Comments					<u> </u>	
* water and vapor samples and all TCLP of product/oil/non-aqueous liquid samples in	mg/L.					/wipe,
ND means not detected above the reporti	ng limit/method de	etection limit; N/A m	eans analyte not ap	oplicable to this anal	ysis.	
# surrogate diluted out of range or surrog	ate coelutes with a	nother peak.				

Angela Rydelius, Lab Manager

McCampbell An "When Ouality"		<u>c.</u>	Web: www.mccampl	ass Road, Pittsburg, CA bell.com E-mail: main 77-252-9262 Fax: 925	@mccampbell.c	om		
Conestoga-Rovers & Associates	Client Pr	oject ID: #9-0020			01/06/11			
5000 H. 11' G. C. ' A	Harrison	St. Oakland		Date Received:	01/06/11			
5900 Hollis St, Suite A	Client C	ontact: Nathan L	ee	Date Extracted:	01/06/11			
Emeryville, CA 94608	Client P.	ient P.O.: Date Analyzed: 01/06/						
	Volatile O	rganics by P&T	and GC/MS*					
Extraction Method: SW5030B		lytical Method: SW826		_	Work Order:	1101102		
Lab ID	1101102-005A	1101102-006A	1101102-007A	1101102-008A				
Client ID	SP-6	SP-7	SP-8	SP-9	Reporting DF			
Matrix	S	S	S	S				
DF	1	1	1	1	S	W		
Compound		Conce	entration		mg/Kg	ug/L		
Benzene	ND	ND	ND	ND	0.005	NA		
Ethylbenzene	ND	ND	ND	ND	0.005	NA		
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	0.005	NA		
Naphthalene	ND	ND	ND	ND	0.005	NA		
Toluene	ND	ND	ND	ND	0.005	NA		
Xylenes	ND	ND	ND	ND	0.005	NA		
	Surr	ogate Recoveries	s (%)					
%SS1:	93	92	94	91				
%SS2:	104	104	105	105				
%SS3:	91	89	91	93				
Comments								
* water and vapor samples and all TCLP & product/oil/non-aqueous liquid samples in	mg/L.					/wipe,		
ND means not detected above the reportin # surrogate diluted out of range or surrog	-		ieans analyte not ap	plicable to this anal	ys1s.			

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

Angela Rydelius, Lab Manager

When Ouality		<u>nc.</u>	Web: www.mccamp	Pass Road, Pittsburg, CA bell.com E-mail: main 377-252-9262 Fax: 92	n@mccampbell.c	:om	
Conestoga-Rovers & Associates		Project ID: #9-00		Date Sampled:	01/06/11		
7000 H 11' 0/ 0 '/ A	Harriso	n St. Oakland	t. Oakland Date Received: 01/06/				
5900 Hollis St, Suite A	Client (Contact: Nathar	n Lee	Date Extracted:	01/06/11		
Emeryville, CA 94608	Client F	2.0.:		Date Analyzed:	01/06/11-0	1/07/11	
	Volatile	Organics by P&	T and GC/MS*				
Extraction Method: SW5030B		alytical Method: SW			Work Order:	1101102	
Lab ID	1101102-009A	1101102-010	A 1101102-011A	1101102-012A			
Client ID	SP-10	SP-11	SP-12	SP-13	Reporting DF	Limit for $F = 1$	
Matrix	S	S	S	S			
DF	1	1	1	1	S	W	
Compound		Co	ncentration		mg/Kg	ug/L	
Benzene	ND	ND	ND	ND	0.005	NA	
Ethylbenzene	ND	ND	ND	ND	0.005	NA	
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	0.005	NA	
Naphthalene	ND	ND	ND	ND	0.005	NA	
Toluene	ND	ND	ND	ND	0.005	NA	
Xylenes	ND	ND	ND	ND	0.005	NA	
	Sur	rogate Recover	ries (%)				
%SS1:	92	89	88	88			
%SS2:	105	107	106	107			
%SS3:	92	114	114	112			
Comments							
* water and vapor samples and all TCLP or product/oil/non-aqueous liquid samples in ND means not detected above the reporti	mg/L.					g/wipe,	
ND means not detected above the reporti	-		a means analyte not a	pplicable to this anal	tysis.		

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

McCampbell Ar		<u>ic.</u>	Web: www.mccamp	ass Road, Pittsburg, CA bell.com E-mail: main 77-252-9262 Fax: 92:		om		
Conestoga-Rovers & Associates	Client P	roject ID: #9-002		Date Sampled:				
5000 Hallia St. Swita A	Harrison	n St. Oakland	Dakland Date Received: 01/06/11					
5900 Hollis St, Suite A	Client C	Contact: Nathan I	lee	Date Extracted:	01/06/11			
Emeryville, CA 94608	Client P.	0.:		Date Analyzed:	01/06/11-0	1/07/11		
	Volatile (Organics by P&T	and GC/MS*					
Extraction Method: SW5030B	Ana 1101102-013A	lytical Method: SW820 1101102-014A	50B 1101102-015A	1101102-016A	Work Order:	1101102		
	SP-14	SP-15	SP-16	SP-17				
Client ID	51-14	51-15	51-10	51-17	Reporting DF			
Matrix	S	S	S	S				
DF	1	1	1	1	S	W		
Compound		Conc	entration		mg/Kg	ug/L		
Benzene	ND	ND	ND	ND	0.005	NA		
Ethylbenzene	ND	ND	ND	ND	0.005	NA		
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	0.005	NA		
Naphthalene	ND	ND	ND	ND	0.005	NA		
Toluene	ND	ND	ND	ND	0.005	NA		
Xylenes	ND	ND	ND	ND	0.005	NA		
	Suri	ogate Recoverie	s (%)					
%SS1:	87	87	89	88				
%SS2:	106	106	107	105				
%SS3:	112	114	108	111				
Comments								
* water and vapor samples and all TCLP or product/oil/non-aqueous liquid samples in		e reported in µg/L, so	il/sludge/solid samp	bles in mg/kg, wipe	samples in µg	;/wipe,		
ND means not detected above the report	ng limit/method de	tection limit; N/A n	neans analyte not ap	pplicable to this anal	ysis.			
# surrogate diluted out of range or surrog	ate coelutes with a	nother neak						

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

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

Angela Rydelius, Lab Manager

McCampbell Ar		<u>c.</u>	Web: www.mccamp	ass Road, Pittsburg, CA bell.com E-mail: main 77-252-9262 Fax: 925	@mccampbell.c	om
Conestoga-Rovers & Associates		oject ID: #9-0020); 1633	Date Sampled:	01/06/11	
5900 Hollis St, Suite A	Harrison	St. Oakland		Date Received:	01/06/11	
5700 Hollis St, Suite A	Client C	ontact: Nathan L	ee	Date Extracted:	01/06/11	
Emeryville, CA 94608	Client P.	0.:		Date Analyzed:	01/06/11-0	1/07/11
		rganics by P&T				
Extraction Method: SW5030B Lab ID	Ana 1101102-017A	lytical Method: SW826 1101102-018A	ов 1101102-019А	1101102-020A	Work Order:	1101102
Client ID	SP-18	SP-19	SP-20	SP-21	Reporting DF	
Matrix	S	S	S	S		
DF	1	1	1	1	S	W
Compound		Conce	entration		mg/Kg	ug/L
Benzene	ND	ND	ND	ND	0.005	NA
Ethylbenzene	ND	ND	ND	ND	0.005	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	0.005	NA
Naphthalene	ND	ND	ND	ND	0.005	NA
Toluene	ND	ND	ND	ND	0.005	NA
Xylenes	ND	ND	ND	ND	0.005	NA
	Surr	ogate Recoveries	s (%)			
%SS1:	88	88	90	87		
%SS2:	105	106	105	105		
%SS3:	107	108	110	109		
Comments					ĺ	
* water and vapor samples and all TCLP of product/oil/non-aqueous liquid samples in	mg/L.					/wipe,
ND means not detected above the reporti	ng limit/method de	tection limit; N/A m	eans analyte not ap	plicable to this anal	ysis.	
# surrogate diluted out of range or surrog	ate coelutes with an	other peak.				

	Campbell Analyti "When Ouality Counts"	cal, Inc.	Web: www.mccamp	Pass Road, Pittsbur bell.com E-mail 377-252-9262 Fa	: main@m	ccampbell.	com	
Conestoga-Rov	vers & Associates	Client Project ID:	*	Date Sample				
		Harrison St. Oakl			Date Received: 01/06/11			
5900 Hollis St, S	Suite A	Client Contact: 1	Nathan Lee	Date Extract	ed: 01	/06/11		
Emeryville, CA 9	94608	Client P.O.:	/06/11-0	1/07/11				
		nge (C6-C12) Vol	atile Hydrocarbons as G	•				
Extraction method SW		.	methods SW8015Bm		Wo	rk Order:	1101102	
Lab ID	Client ID	TPH(g)		DF	% SS	Comments		
001A	SP-2	S	ND		1	101		
002A	SP-3	S	ND		1	100		
003A	SP-4	S	ND		1	100		
004A	SP-5	S	ND		1	98		
005A	SP-6	S	ND		1	101		
006A	SP-7	S	ND		1	102		
007A	SP-8	S	ND		1	105		
008A	SP-9	S	ND		1	103		
009A	SP-10	S	ND		1	107		
010A	SP-11	S	ND		1	108		
011A	SP-12	S	ND		1	108		
012A	SP-13	S	ND		1	107		
013A	SP-14	S	ND		1	105		
014A	SP-15	S	ND		1	108		
015A	SP-16	S	ND 1 106					
016A	SP-17	S	ND		1	107		
	rting Limit for DF =1;	W	NA			NA		
	eans not detected at or we the reporting limit	S	1.0			mg/Kg	g	

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

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

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

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

Angela Rydelius, Lab Manager

	Campbell Analyti "When Ouality Counts"	cal, Inc.	Web: www.mccamp			ccampbell.	com	
Conestoga-Rove	rs & Associates	Client Project ID:		Date Sample	mpled: 01/06/11 eccived: 01/06/11			
5900 Hollis St, Su	uite Δ	Harrison St. Oakla	ind	Date Receiv				
5700 1101113 51, 50		Client Contact: N	act: Nathan Lee Date Extracted: 01/06/11					
Emeryville, CA 94	4608	Client P.O.:	Date Analyzed 01/06/11-01/07					
Extraction method SW5			atile Hydrocarbons as G	asoline*	We	ork Order:	1101102	
Lab ID	Client ID	Matrix	TPH(g)		DF	% SS	Comments	
017A	SP-18	S	ND		1	111		
018A	SP-19	S	ND		1	106		
019A	SP-20	S	ND	1	103			
020A	SP-21	S	ND	1	103			
-	ing Limit for DF =1;	W	NA			NA	1	
	ans not detected at or the reporting limit	S	1.0			mg/K	g	

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

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

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

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

Angela Rydelius, Lab Manager

	cCampbell Analyti "When Ouality Counts"	cal, Inc.		Web: www.mccamp	Pass Road, Pitts bell.com E-1 377-252-9262	nail: main	@mccamp	bell.com	
Conestoga-Ro	overs & Associates	Harrison St. Oakland			Date Sampled: 01/06/11 Date Received: 01/06/11				
5900 Hollis St	, Suite A	Client Conta	ct: Na	than Lee	Date Extr				
Emeryville, CA	A 94608	Client P.O.:						01-01/07/11	
	Total Extractal	ole Petroleum	Hydro	carbons with Silica Gel	Clean-Up*	*			
Extraction method	SW3550B/3630C	Anal	ytical m	ethods: SW8015B			Work Ord	er: 1101102	
Lab ID	Client ID	Matrix		TPH-Diesel (C10-C23)		DF	% SS	Comments	
1101102-001A	SP-2	S		14		1	108	e7,e2	
1101102-002A	SP-3	S		13		5	103	e7,e2	
1101102-003A	SP-4	S		13		5	101	e7,e2	
1101102-004A	SP-5	S		13		5	105	e7	
1101102-005A	SP-6	S		55		5	104	e7,e2	
1101102-006A	SP-7	S		16		5	92	e7,e2	
1101102-007A	SP-8	S		40		10	99	e7,e2	
1101102-008A	SP-9	S		16		1	104	e7,e2	
1101102-009A	SP-10	S		57		5	106	e7,e2	
1101102-010A	SP-11	S		23		5	102	e7,e2	
1101102-011A	SP-12	S		15		5	103	e7,e2	
1101102-012A	SP-13	S		18		5	106	e7,e2	
1101102-013A	SP-14	S		7.9		1	106	e7,e2	
1101102-014A	SP-15	S	3.6 1 112				e7		
1101102-015A	SP-16	S		12		5	103	e7,e2	
-	rting Limit for DF =1;	W		NA			N	A	
	eans not detected at or ve the reporting limit	S		1.0			mg	/Kg	

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

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

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

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

e2) diesel range compounds are significant; no recognizable pattern e7) oil range compounds are significant

DHS ELAP Certification 1644



<u> </u>	ampbell Analyt	ical, Inc.	Web: www.mccamp	Pass Road, Pitts bell.com E-1 877-252-9262	mail: main	@mccamp	bell.com	
Conestoga-Rover	rs & Associates	Client Project ID: Harrison St. Oakland		Date Sampled: 01/06/11				
5900 Hollis St, Su	ite A			Date Rec	eived:	01/06/1	1	
		Client Contact: Na	act: Nathan Lee Date Extracted: 01/06/11					
Emeryville, CA 94	608	Client P.O.:		Date Ana	lyzed	01/06/0	1-01/07/11	
Extraction method SW3		ble Petroleum Hydro Analytical m	carbons with Silica Generation SW8015B	l Clean-Up		Work Ord	er: 1101102	
Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)		DF	% SS	Comments	
1101102-016A	SP-17	S	11		2	101	e7,e2	
1101102-017A	SP-18	S	13		5	107	e7,e2	
1101102-018A	SP-19	S	7.1		1	113	e7,e2	
1101102-019A	SP-20	S	6.4		1	107	e7,e2	
1101102-020A	SP-21	S	11		5	107	e7,e2	
Reporting	g Limit for DF =1;	W	NA			N	A	
	s not detected at or ne reporting limit	S	1.0				/Kg	

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

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

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

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

e2) diesel range compounds are significant; no recognizable pattern e7) oil range compounds are significant

DHS ELAP Certification 1644





"When Ouality Counts"

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil		QC Matrix: Soil BatchID: 55425							WorkC	order 11011	02	
EPA Method SW8260B	Extra	Extraction SW5030B Spiked Sample ID: 110 ⁷							: 1101038-0	01A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%)	
/ indigite	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	80.1	81.1	1.24	81.1	78.4	3.29	70 - 130	30	70 - 130	30
Benzene	ND	0.050	112	110	1.53	111	109	1.60	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	87.2	93.1	6.50	87	86.2	0.961	70 - 130	30	70 - 130	30
Chlorobenzene	ND	0.050	112	111	0.715	111	110	1.03	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	102	94.1	7.76	102	101	0.915	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	101	100	0.831	100	98.3	1.93	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	0.050	110	105	4.73	106	106	0	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	116	116	0	115	113	2.48	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	92.6	93.4	0.816	92.2	92.6	0.384	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	102	104	2.55	104	103	0.909	70 - 130	30	70 - 130	30
Toluene	ND	0.050	121	120	1.24	118	117	1.06	70 - 130	30	70 - 130	30
Trichloroethene	ND	0.050	119	117	1.75	116	115	1.31	70 - 130	30	70 - 130	30
%SS1:	95	0.13	114	116	1.10	113	111	1.65	70 - 130	30	70 - 130	30
%SS2:	103	0.13	107	108	1.52	106	107	1.20	70 - 130	30	70 - 130	30
%SS3:	93	0.013	117	119	1.73	114	117	2.84	70 - 130	30	70 - 130	30

BATCH 55425 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101102-001A	01/06/11 12:27 PM	01/06/11	01/06/11 7:37 PM	1101102-002A	01/06/11 12:28 PM	01/06/11	01/06/11 8:19 PM
1101102-003A	01/06/11 12:29 PM	01/06/11	01/06/11 9:01 PM				

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

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

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate. NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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

R_QA/QC Officer



"When Ouality Counts"

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil		QC Matrix: Soil BatchID: 55467						WorkC	order 11011	02		
EPA Method SW8260B	Extraction SW5030B Spiked Sample ID: 110110							: 1101102-0	20a			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%)	
Analyte	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	77.6	74.7	3.76	85.1	82.2	3.38	70 - 130	30	70 - 130	30
Benzene	ND	0.050	115	108	6.20	116	114	2.12	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	78.9	78	1.10	93	90.8	2.37	70 - 130	30	70 - 130	30
Chlorobenzene	ND	0.050	111	105	5.43	111	109	2.19	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	91.8	87.3	4.94	101	96.8	4.31	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	100	95.9	4.19	107	105	2.20	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	0.050	124	118	5.02	127	124	2.32	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	119	113	5.16	123	121	1.95	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	104	98.7	5.09	110	108	2.07	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	105	100	4.45	113	111	1.25	70 - 130	30	70 - 130	30
Toluene	ND	0.050	117	110	5.87	118	116	1.41	70 - 130	30	70 - 130	30
Trichloroethene	ND	0.050	116	110	5.86	116	114	0.963	70 - 130	30	70 - 130	30
%SS1:	87	0.13	94	94	0	94	95	0.327	70 - 130	30	70 - 130	30
%SS2:	105	0.13	106	106	0	105	106	0.509	70 - 130	30	70 - 130	30
%SS3:	109	0.013	88	88	0	90	94	4.38	70 - 130	30	70 - 130	30

BATCH 55467 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101102-004A	01/06/11 12:30 PM	01/06/11	01/06/11 9:46 PM	1101102-005A	01/06/11 12:31 PM	01/06/11	01/06/11 10:29 PM
1101102-006A	01/06/11 12:32 PM	01/06/11	01/06/11 11:11 PM	1101102-007A	01/06/11 12:33 PM	01/06/11	01/06/11 11:52 PM
1101102-008A	01/06/11 12:34 PM	01/06/11	01/07/11 12:34 AM	1101102-009A	01/06/11 12:35 PM	01/06/11	01/07/11 1:16 AM
1101102-010A	01/06/11 12:36 PM	01/06/11	01/06/11 9:13 PM	1101102-011A	01/06/11 12:37 PM	01/06/11	01/06/11 9:56 PM
1101102-012A	01/06/11 12:38 PM	01/06/11	01/06/11 10:38 PM	1101102-013A	01/06/11 12:39 PM	01/06/11	01/06/11 11:20 PM
1101102-014A	01/06/11 12:40 PM	01/06/11	01/07/11 12:02 AM	1101102-015A	01/06/11 12:41 PM	01/06/11	01/07/11 12:46 AM
1101102-016A	01/06/11 12:42 PM	01/06/11	01/07/11 1:29 AM	1101102-017A	01/06/11 12:43 PM	01/06/11	01/07/11 2:12 AM
1101102-018A	01/06/11 12:44 PM	01/06/11	01/07/11 2:54 AM	1101102-019A	01/06/11 12:45 PM	01/06/11	01/07/11 3:37 AM
1101102-020A	01/06/11 12:46 PM	01/06/11	01/07/11 4:20 AM				

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

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

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate. NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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

A _____QA/QC Officer



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QC SUMMARY REPORT FOR SW8021B/8015Bm

WorkOrder 1101102 QC Matrix: Soil BatchID: 55447 W.O. Sample Matrix: Soil EPA Method SW8021B/8015Bm Extraction SW5030B Spiked Sample ID: 1101082-006A MSD MS-MSD LCS LCSD LCS-LCSD Sample Spiked MS Acceptance Criteria (%) Analyte mg/Kg mg/Kg % Rec. % Rec. % RPD % Rec. % Rec. % RPD MS / MSD RPD LCS/LCSD RPD TPH(btex) ND 0.60 98.8 102 2.80 105 108 2.75 70 - 130 20 70 - 130 20 0.10 MTBE ND 105 107 1.67 105 107 2.60 70 - 130 20 70 - 130 20 0.10 97.9 ND 96.6 1.35 101 101 0 70 - 130 20 70 - 130 20 Benzene ND 0.10 94.6 95.3 0.777 97.6 99.5 1.92 70 - 130 20 70 - 130 20 Toluene 0.10 95.9 97 1.20 96.8 99 70 - 130 Ethylbenzene ND 2.27 20 70 - 130 20 **Xylenes** ND 0.30 98.8 99.8 0.969 102 101 0.316 70 - 130 20 70 - 130 20 109 70 - 130 100 0.10 108 106 1.79 104 4.47 70 - 130 20 20 %SS: All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE

			BATCH 55447 SL	IMMARY_			
Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101102-001A	01/06/11 12:27 PM	01/06/11	01/06/11 8:01 PM	1101102-002A	01/06/11 12:28 PM	01/06/11	01/06/11 8:31 PM
1101102-003A	01/06/11 12:29 PM	01/06/11	01/06/11 9:01 PM	1101102-004A	01/06/11 12:30 PM	01/06/11	01/06/11 9:30 PM
1101102-005A	01/06/11 12:31 PM	01/06/11	01/06/11 10:00 PM	1101102-006A	01/06/11 12:32 PM	01/06/11	01/06/11 10:30 PM
1101102-007A	01/06/11 12:33 PM	01/06/11	01/06/11 11:00 PM	1101102-008A	01/06/11 12:34 PM	01/06/11	01/06/11 11:30 PM
1101102-009A	01/06/11 12:35 PM	01/06/11	01/06/11 11:59 PM	1101102-010A	01/06/11 12:36 PM	01/06/11	01/07/11 12:59 AM
1101102-011A	01/06/11 12:37 PM	01/06/11	01/07/11 2:28 AM	1101102-012A	01/06/11 12:38 PM	01/06/11	01/07/11 2:57 AM
1101102-013A	01/06/11 12:39 PM	01/06/11	01/07/11 3:27 AM	1101102-014A	01/06/11 12:40 PM	01/06/11	01/07/11 3:57 AM

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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

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"When Ouality Counts"

QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil		(QC Matrix	k: Soil			Batchl	D: 55466		WorkO	order 11011	02
EPA Method SW8021B/8015Bm	Extrac	ction SW	5030B					s	Spiked San	nple ID:	: 1101102-0	20A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%)	
, mary to	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex ^f)	ND	0.60	89.2	90.2	1.03	105	90.9	14.7	70 - 130	20	70 - 130	20
MTBE	ND	0.10	114	102	10.5	99.2	104	4.74	70 - 130	20	70 - 130	20
Benzene	ND	0.10	94	95.8	1.91	95.1	94.5	0.621	70 - 130	20	70 - 130	20
Toluene	ND	0.10	92.8	93.6	0.935	92.9	92.3	0.736	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	94.5	95.4	0.955	94.6	94	0.569	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	97.4	98.7	1.29	97.3	97	0.358	70 - 130	20	70 - 130	20
%SS:	103	0.10	97	84	14.8	94	88	6.14	70 - 130	20	70 - 130	20
All target compounds in the Method B NONE	lank of this	extraction	batch we	re ND les	s than the	method R	L with th	e following e	exceptions:			

BATCH 55466 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101102-015A	01/06/11 12:41 PM	01/06/11	01/07/11 4:26 AM	1101102-016A	01/06/11 12:42 PM	01/06/11	01/07/11 4:56 AM
1101102-017A	01/06/11 12:43 PM	01/06/11	01/07/11 5:25 AM	1101102-018A	01/06/11 12:44 PM	01/06/11	01/07/11 5:55 AM
1101102-019A	01/06/11 12:45 PM	01/06/11	01/07/11 6:54 AM	1101102-020A	01/06/11 12:46 PM	01/06/11	01/07/11 7:24 AM

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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

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McCampbell Analytical, Inc. "When Ouality Counts" 1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil		Batch	ID: 55462		WorkC	Order 11011	02					
EPA Method SW8015B	Extra	ction SW	3550B/36	630C				ę	Spiked San	nple ID	: 1101098-0)01A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%))
, mary to	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	3.5	40	95.6	95.7	0.152	98.1	98.8	0.720	70 - 130	30	70 - 130	30
%SS:	109	25	113	113	0	94	95	1.03	70 - 130	30	70 - 130	30
All target compounds in the Meth NONE	od Blank of this	extraction	batch we	re ND les	s than the	method R	L with th	e following	exceptions:			

BATCH 55462 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101102-001A	01/06/11 12:27 PM	01/06/11	01/07/01 1:53 AM	1101102-002A	01/06/11 12:28 PM	01/06/11	01/06/01 9:22 PM
1101102-003A	01/06/11 12:29 PM	01/06/11	01/07/01 1:53 AM	1101102-004A	01/06/11 12:30 PM	01/06/11	01/07/11 10:51 AM
1101102-005A	01/06/11 12:31 PM	01/06/11	01/07/11 8:12 AM	1101102-006A	01/06/11 12:32 PM	01/06/11	01/07/11 1:42 PM
1101102-007A	01/06/11 12:33 PM	01/06/11	01/07/11 2:25 PM	1101102-008A	01/06/11 12:34 PM	01/06/11	01/06/01 9:22 PM
1101102-009A	01/06/11 12:35 PM	01/06/11	01/07/01 1:19 PM	1101102-010A	01/06/11 12:36 PM	01/06/11	01/07/01 1:19 PM
1101102-011A	01/06/11 12:37 PM	01/06/11	01/07/01 5:16 AM	1101102-012A	01/06/11 12:38 PM	01/06/11	01/07/01 6:24 AM
1101102-013A	01/06/11 12:39 PM	01/06/11	01/07/11 3:36 PM	1101102-014A	01/06/11 12:40 PM	01/06/11	01/07/11 5:54 AM
1101102-015A	01/06/11 12:41 PM	01/06/11	01/07/11 7:03 AM	1101102-016A	01/06/11 12:42 PM	01/06/11	01/07/01 3:37 PM
1101102-017A	01/06/11 12:43 PM	01/06/11	01/07/11 12:37 PM	1101102-018A	01/06/11 12:44 PM	01/06/11	01/07/11 8:12 AM
1101102-019A	01/06/11 12:45 PM	01/06/11	01/07/11 5:54 AM				

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

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

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

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

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

A QA/QC Officer



"When Ouality Counts"

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil	trix: Soil QC Matrix: Soil								Rec. % RPD MS / MSD RPD LCS/LCSD RPD							
EPA Method SW8015B	Extra	ction SW	3550B/36	630C				5	Spiked San	nple ID	: 1101102-0)20A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%)	1				
, indigite	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD				
TPH-Diesel (C10-C23)	15	40	79.2	79	0.174	99.3	100	0.694	70 - 130	30	70 - 130	30				
%SS:	100	25	102	108	5.44	95	96	0.815	70 - 130	30	70 - 130	30				
All target compounds in the Metho NONE	od Blank of this	extraction	batch we	re ND les	s than the	method R	L with th	e following	exceptions:							

BATCH 55465 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101102-020A	01/06/11 12:46 PM	1 01/06/11	01/07/11 2:25 PM				

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

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

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

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

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

QA/QC Officer

McCampbell A		Web: www.mccampbe	s Road, Pittsburg, CA 9 ll.com E-mail: main@ 7-252-9262 Fax: 925-2	mccampbell.com
Conestoga-Rovers & Associates	Client Project ID: #311956;	9-0020	Date Sampled:	01/11/11
5900 Hollis St, Suite A			Date Received:	01/11/11
5500 Homs Br, Suite A	Client Contact: Nathan Lee	e	Date Reported:	01/12/11
Emeryville, CA 94608	Client P.O.:		Date Completed:	01/12/11

WorkOrder: 1101216

January 12, 2011

Dear Nathan:

Enclosed within are:

- 1) The results of the 8 analyzed samples from your project: **#311956**; **9-0020**,
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

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

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

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

	ebsite: <u>www.m</u>	1534 WI PITTSBU ccampbe	LLOW PA JRG, CA 9 Il.com Er	SS R0 4565-1	0AD 701	mcc	amp	bell.	com	l		S				AR	O	JNI	D T	IM	E	(RUS	н	۲ 24	HR		48 H	IR IR		0
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Company: CD	NESTOG	ARO	VERS	A	VÒ	4	550	oc	IAT	E	S	_	-		11.3	2	1			-											**Indicate
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Project #: 3/	1956		F	roie	t Nat	me:	a	-0	02	0	7		1		IC.	H =	8	ŧ		013/		ŝ			-	/ 602	6020		Is and		dangerous
Project Location	: 1633 H	ARRI	SONS	57	OA	KL	A	ND	<	A			+		215	075 41 17 H 5/2 bons (418.1)	1V0C	I	(es)	Aroci		sicide			PNAS	6010	010	-	meta		handle:
Sampler Signatu	re: Ra	~	0												L	pons to	21 (H	3	sticid	LY	ides)	Hert	(S)	0Cs)	Hs / I	0.87	0.8/6	6020	VED.		
	N	SAMI	PLING				MA	TRE	x		AETI ESE	HOD	Gas (2007		30	rocar	0 / 80	V (BP	Ct Pe	S ON	Pestic	die Cl	0 (VO	VS) 0	A) (PA	7/20	7/200	010	SOLV		
SAMPLE ID	* LOCATION/ Field Point Name	Date	Time	# Containers	Type Containers	Water	Soil	Air	Other			HNO3	TPH as	TPH as Dissel (8015)	Total Petroleum ON Season 11661-5630 PTEXP	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX ONLY (BPA 602 (8021)	EPA 505/ 608 / 8081 (CI Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 307 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 6010) 6020)	Filter sample for DISSOLVED metals analysis		
SP-22		ilulu	1315	1	-		×	1	1	V		1	15		-	×		×										X			
SP-23		rt due	13:20		1		1	-	+	f			ť	1				1						-				1			-
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SP-26			1335				T		1	Ħ														-				T			
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** MAI clients MUST gloved, open air, sam allowing us to work s	ple handling by M																														
Relinquished By:	Fr. :	Date:	Time:	Rece	ived B	iy:	V	46	10							NDIT		V	/							(COM	ME	NTS:		
BELEW YIE Relinguished By:	KU	Date:	16:05 Time:	Rece	ived B	*	Y	ne	~	_	_	_	H	EAL) SPA	ACE A	BSE	NT	AP	-											
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Relinquished By:		Date:	Time:	Rece	ived B	y:			-		-		P	RES	ERV	ED IN			08	G	ME	TAL	s	отн	ER						



1534 Willow Pass Rd Pitteburg CA 94565-1701

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

(925) 252	-9262					Work	Order	1101	216	(ClientC	ode: CE	ТЕ				
		WaterTrax	WriteOr	DEDF		Excel	l	Fax	[🖌 Email		HardC	ору	Third	Party	□ J-	-flag
Report to:							Bill to:						Req	uested 1	TAT:	1	1 day
Nathan Lee		Email:	nlee@crawor	ld.com			Ac	counts	Payable	е							
Conestoga-R	overs & Associates	CC:	byifru@crawc	orld.com			Co	nestog	a-Rove	rs & As	sociate	s					
5900 Hollis St	, Suite A	PO:					59	00 Holl	is St, St	te. A			Dat	e Recei	ved:	01/11/	/2011
Emeryville, CA	A 94608	ProjectNo:	#311956; 9-0	020					e, CA 94				Dat	e Printe	ed:	01/11/	/2011
Lab ID	Client ID		Matrix	Collection Date	Hold	1	2	3	Req 4	uested	Tests (See lege	end b 8	elow) 9	10	11	12
	onent ib		matrix	ouncontrol Dute	mora		-	Ŭ	-	Ŭ	Ŭ		•	Ŭ		<u> </u>	
1101216-001	SP-22		Soil	1/11/2011 13:15		Α	А	Α	Α								
1101216-002	SP-23		Soil	1/11/2011 13:20		Α	А		Α								
1101216-003	SP-24		Soil	1/11/2011 13:25		Α	А		Α								
1101216-004	SP-25		Soil	1/11/2011 13:30		Α	А		Α								
1101216-005	SP-26		Soil	1/11/2011 13:35		Α	А		Α								
1101216-006	SP-27		Soil	1/11/2011 13:40		Α	А		Α								
1101216-007	SP-28		Soil	1/11/2011 13:45		Α	А		А								
1101216-008	SP-29		Soil	1/11/2011 13:50		Α	А		Α								

Test Legend:

1	MBTEX-8260B_S	2	PB_
6		7	
11		12	

PB_S	3
	8
]

PREDF REPORT	

4	TPH(DMO)WSG_S
9	

5	
10	

The following SampIDs: 001A, 002A, 003A, 004A, 005A, 006A, 007A, 008A contain testgroup.

Comments:

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

Prepared by: Melissa Valles



"When Ouality Counts"

Sample Receipt Checklist

Client Name:	Conestoga-Rove	rs & Associates			Date a	and Time Received:	1/11/2011	4:09:05 PM		
Project Name:	#311956; 9-0020				Check	klist completed and re	eviewed by:	Melissa Valles		
WorkOrder N°:	1101216	Matrix <u>Soil</u>			Carrie	r: <u>Client Drop-In</u>				
		Chair	n of Cu	stody (C	OC) Informa	ation				
Chain of custody	present?		Yes	\checkmark	No 🗆					
Chain of custody	signed when relinquis	shed and received?	Yes	\checkmark	No 🗆					
Chain of custody	agrees with sample la	abels?	Yes	✓	No 🗌					
Sample IDs noted	by Client on COC?		Yes	\checkmark	No 🗆					
Date and Time of	collection noted by Cli	ent on COC?	Yes	\checkmark	No 🗆					
Sampler's name r	noted on COC?		Yes	✓	No 🗆					
Sampler's name noted on COC? Yes ✓ No Sample Receipt Information No NA ✓ 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										
Custody seals int	tact on shipping contai	iner/cooler?	Yes		No 🗆		NA 🔽			
Shipping containe	er/cooler in good cond	ition?	Yes	\checkmark	No 🗆					
Samples in prope	er containers/bottles?		Yes	\checkmark	No 🗆					
Sample containe	rs intact?		Yes	\checkmark	No 🗆					
Sufficient sample	volume for indicated	test?	Yes	✓	No 🗌					
		Sample Prese	rvatior	<u>n and Ho</u>	old Time (HT) Information				
All samples recei	ved within holding time	e?	Yes	✓	No 🗌					
Container/Temp E	Blank temperature		Coole	r Temp:	5.2°C		NA 🗆			
Water - VOA vial	ls have zero headspac	ce / no bubbles?	Yes		No 🗆	No VOA vials submi	itted 🗹			
Sample labels ch	necked for correct pres	servation?	Yes	\checkmark	No 🗌					
Metal - pH accep	table upon receipt (pH	<2)?	Yes		No 🗆		NA 🗹			
Samples Receive	ed on Ice?		Yes	\checkmark	No 🗆					
		(Ісе Тур	be: WE	TICE)					
* NOTE: If the "N	lo" box is checked, se	ee comments below.								

Client contacted:

Date contacted:

Contacted by:

Comments:

	When Quality Counts"		1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269						
Conestoga-Rove		Client Project ID:	*	led: 01/11/11					
5000 H 11' 64 G	74. A			Date Received: 01/11/11					
5900 Hollis St, Su	iite A	Client Contact: N	Jathan Lee	Date Extract	ed: 01	/11/11			
Emeryville, CA 94	4608	Client P.O.:		Date Analyz	ed 01	/11/11-0	1/12/11		
	Gasoline Ra	ange (C6-C12) Vola	atile Hydrocarbons as G	asoline*					
Extraction method SW5	5030B	Analytical	methods SW8015Bm		Wo	rk Order:	1101216		
Lab ID	Client ID	Matrix	TPH(g)		DF	% SS	Comments		
001A	SP-22	S	ND		1	100			
002A	SP-23	S	ND		1	105			
003A	SP-24	S	ND		1	104			
004A	SP-25	S	ND		1	105			
005A	SP-26	S	ND		1	78			
006A	SP-27	S	ND		1	104			
007A	SP-28	S	ND		1	108			
008A	SP-29	S	ND		1	104			
-	ing Limit for DF =1;	W	NA			NA			
	ans not detected at or the reporting limit	S	1.0			mg/Kg	5		

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

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

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

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

Angela Rydelius, Lab Manager

McCampbell Ar		<u>nc.</u>	1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269						
Conestoga-Rovers & Associates	Client	Project ID: #	31195	6; 9-0020	Date Sampled:	01/11/11			
5000 Hallia St. Swite A				Date Received: 01/11/11					
5900 Hollis St, Suite A	Client	Contact: Na	Nathan Lee Date Extracted: 01/11/11						
Emeryville, CA 94608	Client	P.O.:			Date Analyzed:	01/11/11-0	1/12/11		
	 	TBE and BT	EX by (GC/MS*					
Extraction Method: SW5030B		nalytical Method	-			Work Order:	1101216		
Lab ID	1101216-001A	A 1101216-	002A	1101216-003A	1101216-004A				
Client ID	SP-22	SP-2	3	SP-24	SP-25	Reporting DF	Limit for		
Matrix	S	S		S	S				
DF	1	1	1		1	S	W		
Compound			Conce	entration		mg/kg	ug/L		
Benzene	ND	ND	ND		ND	0.005	NA		
Ethylbenzene	ND	ND	ND ND		ND	0.005	NA		
Methyl-t-butyl ether (MTBE)	ND	ND	D ND		ND	0.005	NA		
Toluene	ND	ND		ND	ND	0.005	NA		
Xylenes	ND	ND		ND	ND	0.005	NA		
	Su	rrogate Rec	overies	s (%)					
%SS1:	94	92		94	94				
%SS2:	104	104		103	103				
Comments									
* water and vapor samples are reported in extracts are reported in mg/L, wipe sampl ND means not detected above the reporti	es in µg/wipe.	-	-				LP & SPLI		
# surrogate diluted out of range or coelut	-				-				
%SS = Percent Recovery of Surrogate Sta	ndard								

DF = Dilution Factor

McCampbell An "When Quality		cal, In	<u>c.</u>	1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269						
Conestoga-Rovers & Associates		Client Pro	oject ID: #	\$31195	6; 9-0020	Date Sampled:	01/11/11			
5000 Hallis St. Swite A						Date Received: 01/11/11				
5900 Hollis St, Suite A		Client Co	ontact: Na	Nathan Lee Date Extracted: 01/11/11						
Emeryville, CA 94608		Client P.C	D.:			Date Analyzed:	01/11/11-0	1/12/11		
		МТВ	E and BT	EX by (GC/MS*					
Extraction Method: SW5030B			ytical Method	•			Work Order:	1101216		
Lab ID	11012	16-005A	1101216-	006A	1101216-007A	1101216-008A				
Client ID	SP-26 SP-		SP-2	7	SP-28	SP-29	Reporting DF			
Matrix		S	S		S	S				
DF	1		1		1	1	S	W		
Compound				Conce	entration		mg/kg	ug/L		
Benzene	ND		ND		ND	ND	0.005	NA		
Ethylbenzene	1	ND			ND	ND	0.005	NA		
Methyl-t-butyl ether (MTBE)	1	ND	ND		ND	ND	0.005	NA		
Toluene	1	ND	ND		ND	ND	0.005	NA		
Xylenes	I	ND	ND		ND	ND	0.005	NA		
		Surro	ogate Rec	overie	s (%)					
%SS1:		93	92		93	94				
%SS2:	1	103	103		103	102				
Comments										
* water and vapor samples are reported in extracts are reported in mg/L, wipe sampl		-	lid samples	in mg/k	g, product/oil/non-a	queous liquid sample	es and all TC	LP & SPLI		
ND means not detected above the reporti	ng limit/	method det	ection limit	; N/A m	eans analyte not ap	plicable to this anal	ysis.			
# surrogate diluted out of range or coelut	es with a	nother peak	x; &) low su	rrogate	due to matrix interf	erence.				
%SS = Percent Recovery of Surrogate Sta DF = Dilution Factor	ndard									

	CCampbell Analyti	cal, Inc.	1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269						
Conestoga-Ro	overs & Associates	Client Project ID:	#311956; 9-0020 Date Sampled: 01/11/11						
5900 Hollis St,	Suite A			Dat	te Received:	01/11/11			
2500 1101115 54		Client Contact: N	athan Lee	Dat	te Extracted:	01/11/11			
Emeryville, CA	A 94608	Client P.O.:		Dat	te Analyzed:	01/12/11			
		L	ead by ICP*						
Extraction method:	SW3050B	Anal	ytical methods: SW60)10B			Work Ord	der: 1101216	
Lab ID	Client ID	Matrix	Extraction Type		Lead	DF	% SS	Comments	
1101216-001A	SP-22	S	TOTAL		ND	1	94		
1101216-002A	SP-23	S	TOTAL	ND		1	92		
1101216-003A	SP-24	S	TOTAL	ND		1	96		
1101216-004A	SP-25	S	TOTAL	5.2		1	99		
1101216-005A	SP-26	S	TOTAL	ND		1	98		
1101216-006A	SP-27	S	TOTAL		ND	1	94		
1101216-007A	SP-28	S	TOTAL		ND	1	98		
1101216-008A	SP-29	S	TOTAL		ND	1	98		

Reporting Limit for DF =1;	W	TOTAL	NA	μg/L
ND means not detected at or above the reporting limit	S	TOTAL	5.0	mg/Kg

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

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

TOTAL = Hot acid digestion of a representative sample aliquot.

TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.

DISS = Dissolved metals by direct analysis of 0.45 μ m filtered and acidified sample.

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



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& Associates	Client Proje	ect ID: #311	#311956; 9-0020 Date Sampled:			01/11/11					
5900 Hollis St, Suite A					Date Received:	01/11/	11				
eA	Client Con	tact: Natha	an Lee		Date Extracted:	01/11/	11				
08	Client P.O.:				Date Analyzed:	01/11/	11-01/12	2/11			
Total E	xtractable Pet	oleum Hydi	ocarbons wit	h Silica	Gel Clean-Up*						
550B/3630C	Anal	ytical methods:	SW8015B			W	ork Order:	1101216			
Client ID	Matri	X		J	(C18-C36)	DF	% SS	Comments			
SP-22	S		ND		ND	1	112				
SP-23			320		3700		104	e7			
SP-24			ND		ND		112				
SP-25			2.4		12		110	e7,e2			
SP-26	S		ND		ND		113				
SP-27	S		ND		ND		113				
SP-28	S		ND		ND	1	112				
SP-29	S		ND		ND	1	112				
	& Associates e A 08 Total E 550B/3630C Client ID SP-22 SP-23 SP-23 SP-24 SP-25 SP-26 SP-26 SP-27 SP-28	& Associates Client Proje e A Client Com 08 Client P.O.: Total Extractable Petr 550B/3630C Analy Client ID Matri SP-22 S SP-23 S SP-24 S SP-25 S SP-25 S SP-26 S SP-27 S SP-28 S	& Associates Client Project ID: #311 e A 08 Client Contact: Natha 08 Client P.O.: Total Extractable Petroleum Hydr 550B/3630C Analytical methods: Client ID Matrix TP Client ID Matrix C SP-22 S SP-23 S SP-24 S SP-24 S SP-25 S SP-26 S SP-26 S SP-27 S SP-28 S	"When Quality Counts" Tel & Associates Client Project ID: #311956; 9-0020 e A Client Contact: Nathan Lee 08 Client P.O.: Total Extractable Petroleum Hydrocarbons wit SW8015B TPH-Diesel (C10-C23) SP-22 S SP-22 S SP-22 S SP-22 S SP-22 S SP-22 S ND SP-22 S ND SP-22 S ND SP-23 S ND SP-24 S ND SP-25 S ND SP-26 S ND SP-27 S ND SP-28 S ND	"When Quality Counts" Telephone: 3 & Associates Client Project ID: #311956; 9-0020 e A Client Contact: Nathan Lee 08 Client P.O.: Total Extractable Petroleum Hydrocarbons with Silica SDB/3630C Total Extractable Petroleum Hydrocarbons with Silica SDB/3630C Total Extractable Petroleum Hydrocarbons with Silica SDB/3630C Analytical methods: SW8015B TPH-Diesel T Client ID Matrix TPH-Diesel T SP-22 S ND 1 SP-23 S 320 1 SP-24 S ND 1 SP-25 S 2.4 1 SP-26 S ND 1 SP-27 S ND 1 SP-28 S ND 1	When Quality Counts"Telephone: 877-252-9262Fax: 925& AssociatesClient Project ID: #311956; 9-0020Date Sampled: Date Received:e AClient Contact: Nathan LeeDate Extracted: Date Analyzed:Client P.O.:Date Analyzed:Total Extracted Eventuation of the even	"When Quality Counts" Telephone: 877-252-9262 Fax: 925-252-9269 & Associates Client Project ID: #311956; 9-0020 Date Sampled: 01/11/ e A Client Contact: Nathan Lee Date Extracted: 01/11/ 08 Client P.O.: Date Analyzed: 01/11/ 08 Client P.O.: Date Analyzed: 01/11/ Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up* Sob/630C Analytical methods: SW8015B Weight for the second	When Quality Counts"Telephone: 877-252-926Fax: 925-252-9269& Associates e AClient Project ID: #311956; 9-0020Date Sampled: $01/11/1$ Date Received: $01/11/1$ Date Received: $01/11/1$ 08Client Contact:Nathan LeeDate Extracted: $01/11/1$ 08Client P.O.:Date Analyzed: $01/11/11-01/12$ Total Extracted: $01/11/11-01/12$ Total Extracted: $01/11/11-01/12$ SoB/3630CAnalytical methods:SW8015BWork Order:Client IDMatrixTPH-Diesel (C10-C23)TPH-Motor Oil (C18-C36)DF $\%$ SSSP-22SNDND1112SP-23S320370050104SP-24SNDND1112SP-25S2.4121110SP-26SNDND1113SP-26SNDND1113SP-28SNDND1113SP-28SNDND1113SP-28SNDND1113SP-28SNDND1113SP-28SNDND1113SP-28SNDND1112SP-28 <th< td=""></th<>			

Reporting Limit for $DF = 1$;	W	NA	NA	ug/L
ND means not detected at or above the reporting limit	S	1.0	5.0	mg/Kg

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

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

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

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

e2) diesel range compounds are significant; no recognizable patterne7) oil range compounds are significant

DHS ELAP Certification 1644





"When Ouality Counts"

QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil		(QC Matrix	c: Soil			Batch	ID: 55466	WorkOrder 1101216			
EPA Method SW8015Bm	Extraction SW5030B Spiked Sample ID: 1101102-020)20A
Analyte	Sample	mple Spiked MS MSD MS-MSD					LCSD	LCS-LCSD	Acce	eptance	Criteria (%)	1
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex ^f	ND	0.60	89.2	90.2	1.03	105	90.9	14.7	70 - 130	20	70 - 130	20
MTBE	ND	0.10	114	102	10.5	99.2	104	4.74	70 - 130	20	70 - 130	20
Benzene	ND	0.10	94	95.8	1.91	95.1	94.5	0.621	70 - 130	20	70 - 130	20
Toluene	ND	0.10	92.8	93.6	0.935	92.9	92.3	0.736	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	94.5	95.4	0.955	94.6	94	0.569	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	97.4	98.7	1.29	97.3	97	0.358	70 - 130	20	70 - 130	20
%SS:	103	0.10	97	84	14.8	94	88	6.14	70 - 130	20	70 - 130	20
All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE												

			BATCH 55466 SL	JMMARY			
Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101216-001A	01/11/11 1:15 PM	01/11/11	01/11/11 9:12 PM	1101216-002A	01/11/11 1:20 PM	01/11/11	01/11/11 9:41 PM
1101216-003A	01/11/11 1:25 PM	01/11/11	01/11/11 10:12 PM	1101216-004A	01/11/11 1:30 PM	01/11/11	01/11/11 10:41 PM
1101216-005A	01/11/11 1:35 PM	01/11/11	01/12/11 11:15 AM	1101216-006A	01/11/11 1:40 PM	01/11/11	01/12/11 1:40 AM
1101216-007A	01/11/11 1:45 PM	01/11/11	01/12/11 2:10 AM	1101216-008A	01/11/11 1:50 PM	01/11/11	01/12/11 5:08 AM

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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

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"When Ouality Counts"

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil			QC Matri	x: Soil			Batch	ID: 55530		WorkOrder 1101216							
EPA Method SW8260B	Extra	ction SW	5030B					5	Spiked San	piked Sample ID: 1101174-001A							
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%)						
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD					
Benzene	ND	0.050	105	96.1	8.95	104	106	1.84	70 - 130	30	70 - 130	30					
Methyl-t-butyl ether (MTBE)	ND	0.050	105	97.2	7.81	97.9	99.2	1.30	70 - 130	30	70 - 130	30					
Toluene	ND	0.050	107	97.7	9.39	108	109	1.25	70 - 130	30	70 - 130	30					
%SS1:	79	0.13	93	94	1.09	94	95	0.829	70 - 130	30	70 - 130	30					
%SS2:	103	0.13	105	106	0.808	105	105	0	70 - 130	30	70 - 130	30					
All target compounds in the Metho NONE	d Blank of this	extraction	batch we	re ND les	s than the	method R	L with th	e following	exceptions:								

BATCH 55530 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101216-001A	01/11/11 1:15 PM	I 01/11/11	01/11/11 8:42 PM	1101216-002A	01/11/11 1:20 PM	01/11/11	01/11/11 9:28 PM
1101216-003A	01/11/11 1:25 PM	I 01/11/11	01/11/11 10:10 PM	1101216-004A	01/11/11 1:30 PM	01/11/11	01/11/11 10:51 PM
1101216-005A	01/11/11 1:35 PM	I 01/11/11	01/11/11 11:33 PM	1101216-006A	01/11/11 1:40 PM	01/11/11	01/12/11 12:15 AM
1101216-007A	01/11/11 1:45 PM	I 01/11/11	01/12/11 12:56 AM	1101216-008A	01/11/11 1:50 PM	01/11/11	01/12/11 1:38 AM

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

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

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

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

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

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

A __ QA/QC Officer



<u>McCampbell Analytical, Inc.</u>

"When Ouality Counts"

QC SUMMARY REPORT FOR 6010B

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 1101216 EPA Method SW6010B Extraction SW3050B BatchID: 55564 Spiked Sample ID: 1101216-008A MSD MS-MSD LCSD LCS-LCSD Sample Spiked MS Spiked 1 CS Acceptance Criteria (%) Analyte MS / MSD RPD LCS/LCSD RPD % Rec. % RPD % Rec. % Rec. % RPD mg/Kg mg/Kg % Rec. mg/Kg Lead ND 50 96.8 98.6 1.84 10 96.6 96 0.649 75 - 125 25 75 - 125 25 %SS: 98 500 95 99 4.08 500 93 93 0 70 - 130 20 70 - 130 20 All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE

BATCH 55564 SUMMARY

Lab ID	Date Sampled	Date Extracted	d Date Analyzed	Lab ID	Date Sampled	Date Extracte	ed Date Analyzed
1101216-001A	01/11/11 1:15 PM	01/11/11	01/12/11 10:44 AM	1101216-002A	01/11/11 1:20 PM	01/11/11	01/12/11 10:47 AM
1101216-003A	01/11/11 1:25 PM	01/11/11	01/12/11 10:49 AM	1101216-004A	01/11/11 1:30 PM	01/11/11	01/12/11 10:51 AM
1101216-005A	01/11/11 1:35 PM	01/11/11	01/12/11 10:53 AM	1101216-006A	01/11/11 1:40 PM	01/11/11	01/12/11 10:55 AM
1101216-007A	01/11/11 1:45 PM	01/11/11	01/12/11 10:57 AM	1101216-008A	01/11/11 1:50 PM	01/11/11	01/12/11 10:26 AM

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

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

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

N/A = not applicable to this method.

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

AK___QA/QC Officer



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"When Ouality Counts"

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil		Batch	ID: 55465		WorkOrder 1101216											
EPA Method SW8015B	Extra	ction SW	3550B/36	630C		Spiked Sample ID: 1101102										
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	D Acceptance Criteria (%)							
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD				
TPH-Diesel (C10-C23)	15	40	79.2	79	0.174	99.3	100	0.694	70 - 130	30	70 - 130	30				
%SS:	100	25	102	108	5.44	95	96	0.815	70 - 130	30	70 - 130	30				
All target compounds in the Metho NONE	od Blank of this	extraction	batch we	re ND les	s than the	method R	L with th	e following	exceptions:							

BATCH 55465 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101216-001A	01/11/11 1:15 PM	01/11/11	01/12/11 2:39 AM	1101216-002A	01/11/11 1:20 PM	01/11/11	01/12/11 11:58 AM
1101216-003A	01/11/11 1:25 PM	01/11/11	01/12/11 3:47 AM	1101216-004A	01/11/11 1:30 PM	01/11/11	01/12/11 4:55 AM
1101216-005A	01/11/11 1:35 PM	01/11/11	01/12/11 1:58 AM	1101216-006A	01/11/11 1:40 PM	01/11/11	01/12/11 3:06 AM
1101216-007A	01/11/11 1:45 PM	01/11/11	01/12/11 12:50 AM	1101216-008A	01/11/11 1:50 PM	01/11/11	01/11/11 11:42 PM

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

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

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

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

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

A QA/QC Officer

McCampbell A		Web: www.mccampbe	s Road, Pittsburg, CA 9 Il.com E-mail: main@ '-252-9262 Fax: 925-2	mccampbell.com
Conestoga-Rovers & Associates	Client Project ID: #311956;	9-0020	Date Sampled:	01/11/11
5900 Hollis St, Suite A			Date Received:	01/11/11
5500 Homs Br, Suite A	Client Contact: Nathan Lee	e	Date Reported:	01/12/11
Emeryville, CA 94608	Client P.O.:		Date Completed:	01/28/11

WorkOrder: 1101216 A

January 28, 2011

Dear Nathan:

Enclosed within are:

- 1) The results of the 1 analyzed sample from your project: **#311956; 9-0020,**
- 2) A QC report for the above sample,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

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

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

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

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	elephone: (877	7) 252-92	.62		Fax	: (92	5) 2	52-92	269					G	eg	1 ra	CKG	T C	SDI	r ye												g is requ	red
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Project Location	: 1633 H	ARRI	SONS	1	OA	KL	A	ND	<	A			-	B	in	ALC: N	us (4	(HV)	100	cides	Are	(5	crbic		(8)	/ PN	/ 60	/ 601	20)	D me	02	nanci	e;
Sampler Signatu	re: Ka	-	-	-	-	-	-	-	-		1FT	HOD	-	212	HE	20 Keek	arboi	8021	4	Pesti	NLY	licide	HIC	00	VOC	AHs	200.8	00.8	0.0	LVE	N L N		
		SAMI	PLING		s		MA	TRIX	(RVE	in L	as (th	5) 60	1 KO	ydroci	010/3	LY (4	1 (CI)	B's O	P Pest	cidic (260 (1	270 (S	310 (P	0.7 / 2	0.7/2	(0)	ISSO	and and		
SAMPLE ID	LOCATION/ Field Point			Containers	Type Containers									H as Gas	TPH as Diesel (8015) to ITH SILICA	Total Petroleum Oil	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BPEN ONLY (EPA-602-18021)	EPA 505/ 608 / 8081 (CI Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclars / Congeners	8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.87 6010) 6020)	Filter sample for DISSOLVED metals analysis	121		
	Name	Date	Time	ntai	Con	1		a	1			-		d.L. %	Dies	etrol	etrolo	2.2/	B'BI	5/60	8/8(1/ 8	5/8	4.2.)	5.2 /	270 S	7 Me	5 Met	00.7	Iqme	2 =		
				Col	be	Water	Soil	Air Sludge	Other	ICE	HCL	HNO	Other	1	H as	fal P	tal P	A 50	LBE	A 50	A 60	EPA 507 /	A 51	A 52	A 52	EPA 8	I W	FT	ad (2	ter s	S.A.		
				#	Ĥ	12	S.	A IS	0	¥	H	H	0	#	TP	To	To	EP	M	EP	EP	EP	EP	EPA	EP	EP	S	Γſ	Le	Fil	En.		
SP-22		duli	1315	1			×			X				×	Х	×			×										X	-			
SP-23		1	13:20	1			1			1				1	1	1		_	i				-						1		X		
5P-24			1325				1																-					-				1	
SP-25			1330				T																						1				
SP-26			1335				T										-										1						
SP-27 SP-28			1340											1	1																		
SP-28			1345																														
SP-29		1	1350				T							1	1																		
			1.5.5-										+																1	_			
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		-			-			+				-	+	1						-										-			
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**MAI clients MUST gloved, open air, sam	disclose any dar	igerous che	emicals kno	own to	be pro	esent	in th	eir sut	mit	ted s	amp	les in	i cor	ncen	trati	ions t	that	may	caus	e im	nedi	ate h:	arm	or se	rious	futu	ire h	ealth	end	ange	rment	as a result	of brief,
allowing us to work s		7	ron-disclo	sure in	curs a	11 1101	dedi	ate 52:	50 SU	rcha	arge	and	the c	chen	IT IS S	subje	ci to	rull	regal	nab	unty	or na	arm	suffe	red.	103	ак ус	ou 10	r yo	ur un	derst	noing and	IOF .
Relinquished By:	1	Date:	Time:	Rece	ived B	V'	1	-	0		_	-	-	ICE	7/t ⁿ	5.0	5.	-	-	7		-	_	-		-		CON	IMF	INTS	-		-
	Ro	Jula	16:05	Acce	1-	0	V	al	X				1	GO	OD	CON	DIT	ION										CON	tions.	1113			
Relinquished By:	nu -	Date:	Time:	Rece	ived B	y:	1	-	-		-	-				SPAC				AB	-												
														API	PRO	PRI/	TE	CON	TAI		RS	V											
Relinquished By:		Date:	Time:	Rece	ived B	y:				-	-			rK	COL	RVE	DIN	LAI	0	-													
														PDI	FSF	RVA	TIO		AS	08	¢G	ME pH<		s	OTH	ER							
	DECULT					-	-		_		-	-	C	1 101	- AL	a + ch	-	-		-		Pars	-	-	-		-	-	-			_	_

RESULT ALSO TO by/Hru@crawovld.com

Justical I McCampbell A 1534 Willow Pa

E C

mpbell Analytical, In	nc.			CHAIN.			RECORD	Pa
1534 Willow Pass Rd				CHAIN		51001	NLCOND	
Pittsburg, CA 94565-1701				WorkOrd	er: 1101216		entCode: CETE	
(925) 252-9262				workOrue	:1: 1101210		entcoue: CEIE	
	WaterTrax	WriteOn	EDF	Excel	Fax	Email	HardCopy	ThirdPa

(925) 252-9262				workOrd	er: 1101216	A Che	ntCode: CEIE		
	WaterT	rax 🗌 WriteOn	EDF	Excel	Fax	🗸 Email	HardCopy	ThirdParty	J-flag
Report to:				Bil	I to:		Re	quested TAT:	1 day
Nathan Lee Conestoga-Rovers & Associates 5900 Hollis St, Suite A	Email: cc: PO:	nlee@craworld.co byifru@craworld.c			Accounts Pa Conestoga- 5900 Hollis	Rovers & Associ	ates	ute Received: ute Add-On:	01/11/2011 01/27/2011
Emeryville, CA 94608 (510) 420-3327 FAX (510) 420-9170	ProjectNo:	#311956; 9-0020			Emeryville,	CA 94608	Da	te Printed:	01/27/2011

				Requested Tests (See legend below)											
Lab ID	Client ID	Matrix	Collection Date Hold	1	2	3	4	5	6	7	8	9	10	11	12
			1												
1101216-002	SP-23	Soil	1/11/2011 13:20	В											

Test Legend:

1	METALSMS_S	2
6		7
11		12

Τ	
2	

3	
8	

4	
9	

5			
10			

Prepared by: Melissa Valles

Comments: Cd,Cr,Ni,Zn added on 1/27/11 on a rush tat per N.L.

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.

age 1 of 1

	McCampbell A		ical, Inc.	We	eb: www.mccamp	Pass Road, Pittsburg, CA obell.com E-mail: main 877-252-9262 Fax: 92	n@mccampbell.co	m		
Cones	toga-Rovers & Associates		Client Project ID:	#311956; 9-0	020	Date Sampled:	01/11/11			
5900 I	Hollis St, Suite A					Date Received:	01/11/11			
			Client Contact:	Nathan Lee		Date Extracted:	01/11/11			
Emery	ville, CA 94608		Client P.O.:			Date Analyzed:	01/27/11			
				Metals						
	on method: SW3050B			Analytical methods	1			1	rder: 11	
Lab ID	Client ID	Matrix	Extraction Type	Cadmium	Chromium	n Nickel	Zinc	DF	% SS	Comments
002B	SP-23	S	TOTAL	ND	39	18	14	1	116	

Reporting Limit for DF =1;	w	TOTAL	NA	NA	NA	NA	NA
ND means not detected at or above the reporting limit	S	TOTAL	0.25	0.5	0.5	5.0	mg/kg

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

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

TOTAL = Hot acid digestion of a representative sample aliquot.

TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.

DISS = Dissolved metals by direct analysis of $0.45 \,\mu m$ filtered and acidified sample.

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



Angela Rydelius, Lab Manager

DHS ELAP Certification 1644



"When Ouality Counts"

QC SUMMARY REPORT FOR SW6020

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder 1101216

EPA Method SW6020			Extract	tion SW3	3050B		BatchID	: 55815	Spiked Sample ID:			1101572-011A	
Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	Spiked LCS LCSD LCS-L			LCS-LCSD Acceptance Criteria (9			
Analyte	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Cadmium	0.96	50	105	106	0.726	10	107	108	1.39	75 - 125	20	75 - 125	20
Chromium	48	50	93.3	94.2	0.483	10	110	110	0	75 - 125	20	75 - 125	20
Nickel	69	50	102	99.7	1.17	10	110	110	0	75 - 125	20	75 - 125	20
Zinc	110	500	106	104	0.948	100	115	117	1.46	75 - 125	20	75 - 125	20
%SS:	99	500	105	102	3.38	500	100	103	2.43	70 - 130	20	70 - 130	20
All target compounds in th NONE	e Method B	lank of th	is extract	ion batch	were ND les	ss than the	e method F	L with the	e following e	exceptions:			

			<u>BATCH 55815 SL</u>	<u>JMMARY</u>			
Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101216-002B	01/11/11 1:20 PM	01/27/11	01/27/11 5:13 PM				

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

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

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

N/A = not applicable to this method.

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



McCampbell A		1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269						
Conestoga-Rovers & Associates	9-0020	Date Sampled:	01/05/11					
5900 Hollis St, Suite A			Date Received:	01/05/11				
Syde Homs Bl, Suite H	Client Contact: Nathan Lee	2	Date Reported:	01/06/11				
Emeryville, CA 94608	Client P.O.:		Date Completed:	01/06/11				

WorkOrder: 1101064

January 06, 2011

Dear Nathan:

Enclosed within are:

- 1) The results of the 1 analyzed sample from your project: #311956; 9-0020,
- 2) A QC report for the above sample,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

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

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

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

W To	ebsite: <u>www.m</u> elephone: (877	1534 WI PITTSBU ccampbe 7) 252-92	LLOW PA JRG, CA 9 Il.com Er 262	SS RO 4565-1 nail: n	AD 701 nain@ Fax	mcc : (92	amp 25) 2	bell. 52-9	com 9269	-			U	T	2	N.	AR	01	EDI	F L		E PD Ch	F	RUS III sa	E	24 ccel	HR	1	48 I Wr	HR ite	J" flag	IR 5 DAY W)
Report To: 71/6	Rectan	orid.	com. I	Bill To	0:31	19	56	14	410				_	_	U			_	A	nal	ysis	Ree	ques	t	_	_	_	_	_	0	ther	Comments
Company: Co.		_	1	E-Mai	1: N	LE	E@	CV			icl.	1.0	m	SOIS / WIRE	CAGEL	E/B&F)			8260		ongeners				1.					ysis		**Indicate here if these samples are
Tele: (510) 385 55 2499 Fax: (510) 420 9170								-	-	51715	5520	-		Ŧ		110		-				6020	(020)		anal	potentially						
	Project #: 311956 Project Name: 9-0020 Project Location: 1633 Harrison street, Dakland, CA								-		ā	198	118.1	00	-	6	oclo		cides			(48)	10.7	10/6		etals	handle:					
Sampler Signatu		ams	24 2	The	27		00	r le	1.01	rd	, (14	-	120		e (16	Ds (4	(HV	669	cides	Ar.	(3)	erbie	(5	(S)	Vd/	8 / 60	/ 60	(02	D m		nancie.
Sampler Signatu		SAM	PLING							is (602.7.802.1	HLIM	& Greas	drocarbo	ydrocaro 9010 / 802	LV (EPA	d (CI Pest	B's ONL	P Pesticid	idic CLH	60 (VOC)	70 (SVOC	(PAHs	1.7 / 200.3	7/200.8	6010/60	SSOLVE						
SAMPLE ID	LOCATION/ Field Point Name	Date	Time	# Containers	Type Containers	Water	Soil	Sludge	Other	ICE	HCL	HNO ₃	Other	BTEXA TPH as Ga	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEN ONLY (EPA 603-78024)	EPA 505/ 608 / 8081 (CI Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclars / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA \$157 8151 (Acidic CI Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200-7+200.8 (6010) 6020)	Filter sample for DISSOLVED metals analysis		
. 5P-1		45/11	0940	4	BINGS		X							×	X				X										X			COMP
**MAI clients MUST gloved, open air, sam allowing us to work s:	ple handling by M		Non-disele	sure in	icurs a	n im							the	clien	nt is s	ubje	ect to	full									nk ye	ou fo	or yo	ur un	derstan	
Relinquished By: BELEW YIF	RU	Date: 1/5/11	Time: 12.35	Rece	ived B	y: ()	1	ki	0	0	(OD	CON	DIT CE A	ION	Y	_							(CON	IME	NTS		
Relinquished By:		Date:	Time:	Rece	ived, B	y:			-					DEG	CHL	ORI	NATE	CON	IN L.	_	RS_	7										
Relinquished By: RESULTS	A150 T	Date:	Time:		ived B			1			1			PRI	ESEF	RVA		VO N_	AS			pH<		s	отн	ER			_			

byiftu @ craworld.com

Page 2 of 12



1534 Willow Pass Rd Pittsburg CA 94565-1701

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

(925) 252-9262				WorkOr	der: 110106	64 Client	Code: CETE		
	WaterTrax	WriteOn	EDF	Excel	Fax	🖌 Email	HardCopy	ThirdParty	J-flag
Report to:				Bil	I to:		Rec	uested TAT:	1 day
Nathan Lee	Email:	nlee@craworld.c	om		Accounts Pa	ayable			
Conestoga-Rovers & Associates	CC:	byifru@craworld.	com		Conestoga-	Rovers & Associa			
5900 Hollis St, Suite A	PO:				5900 Hollis	St, Ste. A	Da	te Received:	01/05/2011
Emeryville, CA 94608	ProjectNo:	#311956; 9-0020)		Emeryville, (CA 94608	Da	te Printed:	01/05/2011
(510) 420-0700 FAX (510) 420-9170)								
						Requested Tests	: (See legend b	velow)	

					Requested Tests (See legend below)										
Lab ID	Client ID	Matrix	Collection Date H	old 1	2	3	4	5	6	7	8	9	10	11	12
1101064-001	SP-1	Soil	1/5/2011 9:40	□ A	Α	A	А								

Test Legend:

1	G-MBTEX_S	2	
6		7	
11		12	

2	MBTEX-8260B_S
7	
12	

3	PB_S	4	Ļ
8		9)

4	PREDF REPORT
_	
9	

	5					
1	0					

The following SampID: 001A contains testgroup.

Prepared by: Melissa Valles

Comments:

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



"When Ouality Counts"

Sample Receipt Checklist

Client Name:	Conestoga-Rove	rs & Associa	ates		Date a	and Time Received:	1/5/2011 1	2:54:22 PM
Project Name:	#311956; 9-0020				Check	list completed and re	eviewed by:	Melissa Valles
WorkOrder N°:	1101064	Matrix <u>Soil</u>			Carrie	r: <u>Client Drop-In</u>		
			Chain of C	ustody (C	COC) Informa	ition		
Chain of custody	present?		Yes	\checkmark	No 🗆			
Chain of custody	signed when relinquis	shed and receiv	ved? Yes	✓	No 🗆			
Chain of custody	agrees with sample la	abels?	Yes	✓	No 🗌			
Sample IDs noted	by Client on COC?		Yes	V	No 🗆			
Date and Time of	collection noted by Cli	ent on COC?	Yes	✓	No 🗆			
Sampler's name r	noted on COC?		Yes		No 🔽			
			Sample	e Receipt	Information	L		
Custody seals int	tact on shipping contai	iner/cooler?	Yes		No 🗆		NA 🗹	
Shipping containe	er/cooler in good cond	ition?	Yes	V	No 🗆			
Samples in prope	er containers/bottles?		Yes	✓	No 🗆			
Sample containe	rs intact?		Yes	✓	No 🗆			
Sufficient sample	e volume for indicated	test?	Yes		No 🗌			
		<u>Sample I</u>	Preservatio	on and Ho	old Time (HT)	Information		
All samples recei	ved within holding time	e?	Yes	✓	No 🗌			
Container/Temp E	Blank temperature		Coo	er Temp:	5.2°C		NA 🗆	
Water - VOA vial	ls have zero headspac	ce / no bubbles	? Yes		No 🗆	No VOA vials submi	itted 🗹	
Sample labels ch	necked for correct pres	servation?	Yes	✓	No 🗌			
Metal - pH accep	table upon receipt (pH	<2)?	Yes		No 🗆		NA 🗹	
Samples Receive	ed on Ice?		Yes	✓	No 🗆			
		(lo	ce Type: W	ET ICE)			
* NOTE: If the "N	lo" box is checked, se	e comments b	elow.					

Client contacted:

Date contacted:

Contacted by:

Comments:

	McCampbell Analyti	<u>cal, Inc.</u>	1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269								
Conestog	a-Rovers & Associates	Client Project ID:	#311956; 9-0020	Date Sample	ed: 01	/05/11					
5900 Holl	is St, Suite A			Date Received: 01/05/11							
5500 1101		Client Contact: N	athan Lee	Date Extract	ed: 01	/05/11					
Emeryvill	e, CA 94608	Client P.O.:		Date Analyz	ed 01	/05/11					
	Gasoline Ra	unge (C6-C12) Volat	tile Hydrocarbons as Ga	asoline *							
Extraction met	hod SW5030B	Analytical m	nethods SW8015Bm		Wo	rk Order:	1101064				
Lab ID	Client ID	Matrix	TPH(g)		DF	% SS	Comments				
001A	SP-1	S	ND		1	101					
	Reporting Limit for DF =1;	W	NA			NA					
	ND means not detected at or above the reporting limit	S	1.0			mg/Kg	ŗ				

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

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

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

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

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell An "When Ouality		cal, In	<u>c.</u>	1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269							
Conestoga-Rovers & Associates		Client Pro	ject ID: 7	#311956	5; 9-0020	Date Sampled:	01/05/11				
5900 Hollis St, Suite A						Date Received:	01/05/11				
5700 Homs St, Suite A		Client Co	ontact: Na	athan L	ee	Date Extracted:	01/05/11				
Emeryville, CA 94608		Client P.C	D.:			Date Analyzed:	01/05/11				
		MTB	E and BT	EX by (GC/MS*						
Extraction Method: SW5030B		Anal	ytical Method	l: SW826	0B		Work Order:	1101064			
Lab ID	11010	64-001A									
Client ID	S	P-1					Reporting DF				
Matrix		S									
DF		1					S	W			
Compound	Compound						mg/kg	ug/L			
Benzene]	ND					0.005	NA			
Ethylbenzene		ND					0.005	NA			
Methyl-t-butyl ether (MTBE)		ND					0.005	NA			
Toluene]	ND					0.005	NA			
Xylenes]	ND					0.005	NA			
		Surro	ogate Rec	overies	s (%)						
%SS1:		95									
%SS2:		104									
Comments											
 * water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe. ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis. 											
# surrogate diluted out of range or coelut	es with a	nother peak	; &) low su	irrogate	due to matrix inter	ference.					
%SS = Percent Recovery of Surrogate Sta	ndard										

DF = Dilution Factor

	cCampbell Analyti "When Ouality Counts"	ical, Inc.		Web: www	v.mccamp	Pass Road, Pittsburg, CA 94 bell.com E-mail: main@n 377-252-9262 Fax: 925-2:	nccampbell.	com			
Conestoga-Ro	overs & Associates	Client Project II	D: #	311956; 9-0020	01/05/11						
5900 Hollis St	Suite A					Date Received: (01/05/11				
2500 1101113 54		Client Contact:	Na	than Lee		Date Extracted: (
Emeryville, CA	A 94608	Client P.O.:				Date Analyzed: (01/06/11				
		·	Lea	ad by ICP*							
Extraction method:	SW3050B	I	Analyt	tical methods: SW60			Work Ord	ler: 1101064			
Lab ID	Client ID	Mat	rix	Extraction Type		Lead	DF	% SS	Comments		
1101064-001A	SP-1	S	5	TOTAL		27	1	90			

Reporting Limit for DF =1;	W	TOTAL	NA	μg/L
ND means not detected at or above the reporting limit	S	TOTAL	5.0	mg/Kg
above the reporting mint				

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

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

TOTAL = Hot acid digestion of a representative sample aliquot.

TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.

DISS = Dissolved metals by direct analysis of 0.45 μ m filtered and acidified sample.

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

DHS ELAP Certification 1644



	CCampbell Analyti "When Ouality Counts"	<u>cal, Inc.</u>	Web: www.mccamp		ail: main		ell.com			
Conestoga-R	overs & Associates	Client Project ID:	#311956; 9-0020	Date Sam	pled:	1				
5900 Hollis S	t, Suite A			Date Rece	eived: 01/05/11					
		Client Contact: N	athan Lee	Date Extra	acted:	01/05/1	1			
Emeryville, C.	A 94608	Client P.O.:		Date Anal	yzed	01/05/1	1			
Extraction method	Total Extractat	De Petroleum Hydro Analytical n	ocarbons with Silica Gel nethods: SW8015B	Clean-Up*		Work Orde	er: 1101064			
Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)		DF	% SS	Comments			
1101064-001A	SP-1	S	15		2	105	e7,e2			
<u></u>										
-	orting Limit for DF =1; neans not detected at or	W	NA			N				
abo	are reported in µg/L, wipe samples	S	1.0	oduct/oil/non-	aqueous	mg/	-			

and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

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

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

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

e2) diesel range compounds are significant; no recognizable pattern e7) oil range compounds are significant

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"When Ouality Counts"

QC SUMMARY REPORT FOR SW8021B/8015Bm

		QC Matrix	k: Soil			Batch	D: 55378		WorkC	0rder 11010	64
Extrac	tion SW	5030B					s	piked San	nple ID	: 1012952-0	01A
Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%)	
mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
ND	0.60	98.3	101	2.32	99.7	85.4	15.5	70 - 130	20	70 - 130	20
ND	0.10	106	109	2.28	103	111	6.87	70 - 130	20	70 - 130	20
ND	0.10	100	100	0	101	101	0	70 - 130	20	70 - 130	20
ND	0.10	97.2	96.5	0.678	97.8	96.7	1.16	70 - 130	20	70 - 130	20
ND	0.10	98.2	97.6	0.590	99	96.9	2.20	70 - 130	20	70 - 130	20
ND	0.30	100	100	0	101	99.3	2.07	70 - 130	20	70 - 130	20
106	0.10	111	105	5.84	109	107	1.89	70 - 130	20	70 - 130	20
	Sample mg/Kg ND ND ND ND ND ND	Sample Spiked mg/Kg mg/Kg ND 0.60 ND 0.10 ND 0.10	mg/Kg mg/Kg % Rec. ND 0.60 98.3 ND 0.10 106 ND 0.10 97.2 ND 0.10 98.2 ND 0.30 100	Sample Spiked MS MSD mg/Kg mg/Kg % Rec. % Rec. ND 0.60 98.3 101 ND 0.10 106 109 ND 0.10 100 100 ND 0.10 97.2 96.5 ND 0.10 98.2 97.6 ND 0.30 100 100	Sample Spiked MS MSD MS-MSD mg/Kg mg/Kg % Rec. % Rec. % RPD ND 0.60 98.3 101 2.32 ND 0.10 106 109 2.28 ND 0.10 100 100 0 ND 0.10 97.2 96.5 0.678 ND 0.10 98.2 97.6 0.590 ND 0.30 100 100 0	Sample Spiked MS MSD MS-MSD LCS mg/Kg mg/Kg % Rec. % Rec. % RPD % Rec. ND 0.60 98.3 101 2.32 99.7 ND 0.10 106 109 2.28 103 ND 0.10 100 100 0 101 ND 0.10 97.2 96.5 0.678 97.8 ND 0.10 98.2 97.6 0.590 99 ND 0.30 100 100 0 101	Sample Spiked MS MSD MS-MSD LCS LCSD mg/Kg mg/Kg % Rec. % Rec. % RPD % Rec. % Rec. ND 0.60 98.3 101 2.32 99.7 85.4 ND 0.10 106 109 2.28 103 111 ND 0.10 100 100 0 101 101 ND 0.10 97.2 96.5 0.678 97.8 96.7 ND 0.10 98.2 97.6 0.590 99 96.9 ND 0.30 100 100 0 101 99.3	Sample Spiked MS MSD MS-MSD LCS LCSD LCS-LCSD mg/Kg mg/Kg % Rec. % Rec. % RPD % Rec. % RPD % Rec. % Rec. % RPD % Rec. %	Sample Spiked MS MSD MS-MSD LCS LCSD LCS-LCSD According (CS-LCSD) mg/Kg mg/Kg % Rec. % Rec. % RPD MS / MSD ND 0.60 98.3 101 2.32 99.7 85.4 15.5 70 - 130 ND 0.10 106 109 2.28 103 111 6.87 70 - 130 ND 0.10 100 0 101 101 0 70 - 130 ND 0.10 97.2 96.5 0.678 97.8 96.7 1.16 70 - 130 ND 0.10 98.2 97.6 0.590 99 96.9 2.20 70 - 130 ND 0.30 100 100 0 101 99.3	Sample Spiked MS MSD MS-MSD LCS LCSD LCS-LCSD Acc=ptance mg/Kg mg/Kg % Rec. % Rec. % RPD MS / MSD RPD ND 0.60 98.3 101 2.32 99.7 85.4 15.5 70 - 130 20 ND 0.10 106 109 2.28 103 111 6.87 70 - 130 20 ND 0.10 100 0 101 101 0 70 - 130 20 ND 0.10 97.2 96.5 0.678 97.8 96.7 1.16 70 - 130 20 ND 0.10 98.2 97.6 0.590 99 96.9 2.20 70 - 130 20 ND 0.30 100 100 0 101 99.3 2.07 70 - 130 20	Sample Spiked MS MSD MS-MSD LCS LCSD LCS-LCSD Acc=ptance Criteria (%) mg/Kg mg/Kg % Rec. % Rec. % RPD % Rec. % Rec. % RPD % Rec. % RPD LCS/LCSD ND 0.60 98.3 101 2.32 99.7 85.4 15.5 70 - 130 20 70 - 130 ND 0.10 106 109 2.28 103 111 6.87 70 - 130 20 70 - 130 ND 0.10 100 0 101 101 0 70 - 130 20 70 - 130 ND 0.10 100 0 101 101 0 70 - 130 20 70 - 130 ND 0.10 97.2 96.5 0.678 97.8 96.7 1.16 70 - 130 20 70 - 130 ND 0.10 98.2 97.6 0.590 99 96.9 2.20 70 - 130 20 70 - 130

			<u>BATCH 55378 SL</u>	JMMARY			
Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101064-001A	01/05/11 9:40 AM	1 01/05/11	01/05/11 10:43 PM				

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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

A QA/QC Officer



"When Ouality Counts"

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil			QC Matrix	k: Soil			Batch	ID: 55425		WorkC	order 11010	64
EPA Method SW8260B	Extra	ction SW	5030B					5	spiked Sar	nple ID	: 1101038-0	01A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)	
, and yes	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Benzene	ND	0.050	112	110	1.53	111	109	1.60	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	102	104	2.55	104	103	0.909	70 - 130	30	70 - 130	30
Toluene	ND	0.050	121	120	1.24	118	117	1.06	70 - 130	30	70 - 130	30
%SS1:	95	0.13	114	116	1.10	113	111	1.65	70 - 130	30	70 - 130	30
%SS2:	103	0.13	107	108	1.52	106	107	1.20	70 - 130	30	70 - 130	30
All target compounds in the Metho NONE	d Blank of this	extraction	batch we	re ND les	s than the	method R	L with th	e following	exceptions:			

			BATCH 55425 SL	JMMARY			
Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101064-001A	01/05/11 9:40 AM	01/05/11	01/05/11 10:02 PM				

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

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

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

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

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

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



<u>McCampbell Analytical, Inc.</u>

"When Ouality Counts"

QC SUMMARY REPORT FOR 6010B

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 1101064 EPA Method SW6010B Extraction SW3050B BatchID: 55402 Spiked Sample ID: 1101016-001A MSD MS-MSD LCSD LCS-LCSD Sample Spiked MS Spiked 1 CS Acceptance Criteria (%) Analyte MS / MSD RPD LCS/LCSD RPD % Rec. % RPD % Rec. % RPD mg/Kg mg/Kg % Rec. mg/Kg % Rec. Lead 11 50 89.6 93.9 3.86 10 89.4 97.2 8.34 75 - 125 25 75 - 125 25 101 %SS: 500 97 102 4.42 500 96 100 4.30 70 - 130 20 70 - 130 20 All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE

BATCH 55402 SUMMARY

Lab ID	Date Sampled	Date Extracte	d Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101064-001A	01/05/11 9:40 AM	01/05/11	01/06/11 9:45 AM				

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

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

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

N/A = not applicable to this method.

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

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AK___QA/QC Officer



"When Ouality Counts"

QC SUMMARY REPORT FOR SW8015B

ID: 1012958-0	002A
co Critoria (%)	
	1
D LCS/LCSD	RPD
70 - 130	30
70 - 130	30
0	0 70 - 130

BATCH 55379 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101064-001A	01/05/11 9:40 AM	I 01/05/11	01/05/11 4:11 PM				

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

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

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

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

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

DHS ELAP Certification 1644

A QA/QC Officer

McCampbell A		Web: www.mccampbell.c	Road, Pittsburg, CA 94: com E-mail: main@m 52-9262 Fax: 925-25	ccampbell.com			
Conestoga-Rovers & Associates	Client Project ID: #311956;	9-0020	Date Sampled:	01/05/11			
5900 Hollis St. Suite A			Date Received:	01/05/11			
Syde Homs Bl, Suite H	5900 Hollis St, Suite A Client Contact: Nathan Lee						
Emeryville, CA 94608	Client P.O.:		Date Completed:	01/06/11			

WorkOrder: 1101063

January 06, 2011

Dear Nathan:

Enclosed within are:

- 1) The results of the **5** analyzed samples from your project: **#311956; 9-0020,**
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

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

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

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

• • • • •		1534 WII PITTSBU ccampbel	RG, CA 9	SS RO 4565-1 nail: n	AD 701	mcc	ampt	ell.	com		-	10	=	T	11			01	JNI) T	IM	E		RUS	SH SH	24	HR		48 F	HR		HR 5 DAY
			11							_			-		2		_	_	_	Ϋ́ς		_	_	_	mp	le is	effl	uen	tan	-		s is required
Report To: 1/e	e Craw	orld-c	com I	Bill To	»: <u>3</u>	119	56	LA	410	2	_		-	_	12	_	-	_	A	Inal	ysis	Rec	ues	st		-	-	_		0	ther	Comments
Company: Con	erisja. 1	20 ver	SAA	27.05	arti	25		-					-		2	-			0		z											**Indicate
				Mai	1: N	. 51	- 0	r.		10-1	int -	1.50	-	星	10	B&F			26		gener				+							here if these
Tele: (510) 3	15-249	9		_	510				-		1011	+1	~	SIIS MTHE	Y G	0 E/I			00		Cont						(0	6		alysis		samples are potentially
	956	1			t Nar						_		1	510		552	=	(5	Ĵ) SLO		(5)			-	602	602(Is an:		dangerous to
Project Location	in the second	lamis									-	-		2	SILIC	1664	(418.	VOC	1	(s)	roch		licide			NAS	010	010		neta		handle:
Sampler Signatu					, v	Di K		Ber Die	1			_		100	F	ise ()	SHOP	1 (H	1	ticid	N: A	des)	Herb	Cs)	00	Is / P	18/6	8/6	5020)	ED 1		
		SAMI	PLING		*		MAT	RE	x	PR	AET ESE	HOI) ED	as (602.1	HTTUS (& Grea	drocarb	10/802	LY (EP/	(CI Pes	B's ONL	P Pestici	cidie CI I	0A) 093	270 (SVC	10 (PAF	0.7 / 200	0.7 / 200.	/ 6010 / 6	VJOSS		
SAMPLE ID	LOCATION/ Field Point Name	Date	Time	# Containers	Type Containers	Water	Soil	Sludge	Other	ICE	HCL	HNO3	Other	BTEV & TPH as G	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX ONLY (EPA-602-9021)	EPA 505/ 608 / 8081 (CI Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA S07 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic CI Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA \$25.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 / 6010 / 6020)	Filter sample for DISSOLVED metals analysis		
TB - 5		4514	0025	1			X	1		t		-		×	×				X										Η			
TSW-7		1/5/11	0028	1			X	+	+				1	×	X				X													
TSW-7 TSW-8			0830	1			×	+	+				1	X	X	-			X													
TB-6		1/5/11	0833				X	1	+				1	×	X				X													
TB-7			0 835	1			×	1	+				1	¥	4				×													
																			-													
**MAI clients MUST gloved, open air, sam allowing us to work s	ple handling by !	igerous cho MAI staff.	emicals kn Non-disclo	own to sure in	be pro	esent n im	in the media	ir su te \$2	ıbmit 250 s	tted : urch	samp arge	oles i and	n co the	ncer clier	ntrat nt is :	ions subj	that ect to	may ful	caus l lega	e imi I liab	medi ility	ate h for h	arm arm	or se suffe	riou red.	s futu Tha	are h nk y	ealth ou fo	i end or you	ange ur ut	rment a iderstar	as a result of brief, ading and for
Relinquished By: BELEW YIF	=RU	Date:	Time: 1235	Rece	ived B	0:0	V	Û	l	l				GO		CON	DIT CE A			-								CON	IME	INTS		
Relinquished By:		Date:	Time:	e: Received By: DECHLORINATED IN LABAPPROPRIATE CONTAINERS																												
Relinquished By:		Date:	Time:	Rece	ived B	y:				_		_					TIO	v	B	08	ŧG	ME pH<		s	отн	IER						

RESULTS ALSO TO byifra @ craworld.com EDF DATA TO dohare @craworld.com



1534 Willow Pass Rd Pittsburg, CA 94565-1701 (925) 252-9262

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

(925) 252-9	262					WorkOrder: 1101063				ClientCode: CETE						
		WaterTrax	 ✓ WriteOr 	EDF		Excel		Fax	🖌 Em	ail	HardC	Сору	Third	Party	J-1	flag
Report to:							Bill to:					Req	uested 1	ΓΑΤ:	1	day
Nathan Lee		Email:	nlee@crawor	ld.com			Ac	counts	Payable							
Conestoga-Rov 5900 Hollis St, S	ers & Associates Suite A	cc: PO:	byifru@crawo	orld.com	Conestoga-Rovers & Associates 5900 Hollis St, Ste. A					tes	Date Received:			01/05/2	2011	
Emeryville, CA	94608	ProjectNo:	#311956; 9-0	020			En	neryville	e, CA 94608			Dat	e Printe	ed:	01/05/2	2011
(510) 420-0700	FAX (510) 420-9170	I														
									Requeste	ed Tests	(See lege	end b	elow)			
Lab ID	Client ID		Matrix	Collection Date	Hold	1	2	3	4 5	6	7	8	9	10	11	12
1101063-001	TB-5		Soil	1/5/2011 8:25		А	А	А								
1101063-002	TSW-7		Soil	1/5/2011 8:28		А	А									
1101063-003	TSW-8		Soil	1/5/2011 8:30		А	Α									

А

А

А

А

1/5/2011 8:33

1/5/2011 8:35

Test Legend:

1101063-004

1101063-005

1	G-MBTEX_S	2	MB
6		7	
11		12	

2	MBTEX-8260B_S
7	
12	

Soil

Soil

3	PREDF REPORT
8	

4	
9	

5	
10	

The following SampIDs: 001A, 002A, 003A, 004A, 005A contain testgroup.

TB-6

TB-7

Comments:

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

Prepared by: Melissa Valles



"When Ouality Counts"

Sample Receipt Checklist

Client Name:	Conestoga-Rove	rs & Associates	;		Date a	and Time Received:	1/5/2011 1	2:40:07 PM		
Project Name:	#311956; 9-0020				Check	dist completed and re	eviewed by:	Melissa Valles		
WorkOrder N°:	1101063	Matrix <u>Soil</u>			Carrie	r: <u>Client Drop-In</u>				
		<u>Cha</u>	in of Cu	stody (C	OC) Informa	ation				
Chain of custody	present?		Yes	\checkmark	No 🗆					
Chain of custody	signed when relinquis	shed and received?	Yes	\checkmark	No 🗆					
Chain of custody	agrees with sample la	abels?	Yes	✓	No 🗌					
Sample IDs noted	by Client on COC?		Yes	\checkmark	No 🗆					
Date and Time of	collection noted by Clie	ent on COC?	Yes	\checkmark	No 🗆					
Sampler's name r	noted on COC?		Yes		No 🔽					
Project Name: # 311956; 9-0020 Checklist completed and reviewed by: Melissa Valles Mork Order N*: 1101063 Matrix Soil Carrier: Clent Drop-In Data of custody present? Yes No										
Custody seals int	tact on shipping contai	ner/cooler?	Yes		No 🗆		NA 🔽			
Shipping containe	er/cooler in good condi	ition?	Yes	\checkmark	No 🗆					
Shipping container/cooler in good condition? Samples in proper containers/bottles?			Yes	✓	No 🗆					
Sample containe	rs intact?		Yes	\checkmark	No 🗆					
			Yes	\checkmark	No 🗌					
Project Name: # 311956; 9:0020 Marix Soil Carrier: Cient Drop-in Work Order N*: 1101063 Marix Soil Carrier: Cient Drop-in Chain of custody present? Yes No										
All samples recei	ived within holding time	e?	Yes	✓	No 🗌					
Container/Temp E	Blank temperature		Coole	r Temp:	5.2°C		NA 🗆			
Water - VOA vial	ls have zero headspac	ce / no bubbles?	Yes		No 🗆	No VOA vials submi	tted 🗹			
Sample labels ch	necked for correct pres	servation?	Yes	\checkmark	No 🗌					
Metal - pH accep	table upon receipt (pH	<2)?	Yes		No 🗆		NA 🗹			
Samples Receive	ed on Ice?		Yes	\checkmark	No 🗆					
		(Ice Ty	vpe: WE	TICE)					
* NOTE: If the "N	lo" box is checked, se	e comments below								

Client contacted:

Date contacted:

Contacted by:

Comments:

<u> </u>	Campbell Analyti "When Ouality Counts"	cal, Inc.	Web: www.mccamp			ccampbell.	com		
Conestoga-Rove	ers & Associates	Client Project ID:					ed: 01/05/11		
5000 Hallia St. S.				Date Received: 01/05/11					
5900 Hollis St, S	5900 Hollis St, Suite A		Jathan Lee	Date Extracted: 01/05/11					
Emeryville, CA 94608		Client P.O.:		Date Analyz	zed 01	/05/11			
	Gasoline Ra	ange (C6-C12) Vola	atile Hydrocarbons as G	asoline*					
Extraction method SW			methods SW8015Bm				1101063		
Lab ID	Client ID	Matrix	TPH(g)		DF	% SS	Comments		
001A	TB-5	S	ND		1	98			
002A	TSW-7	S	ND		1	97			
003A	TSW-8	S	ND		1	97			
004A	TB-6	S	ND		1	96			
005A	TB-7	S	ND		1	100			
-	ting Limit for DF =1;	W	NA			NA			
	eans not detected at or e the reporting limit	S	1.0			mg/K	g		

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

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

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

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

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Ar		al, Inc.	1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269							
Conestoga-Rovers & Associates	C	lient Project ID	: #31195	6; 9-0020	Date Sampled: 01/05/11					
5000 Hallia St. Saita A					Date Received: 01/05/11					
5900 Hollis St, Suite A	С	lient Contact:	Nathan L	ee	Date Extracted:	01/05/11				
Emeryville, CA 94608	С	lient P.O.:			Date Analyzed:	01/05/11				
		MTBE and I	BTEX by (GC/MS*						
Extraction Method: SW5030B		Analytical Met	·			Work Order:	1101063			
Lab ID	1101063-	-001A 11010	63-002A	1101063-003A	1101063-004A					
Client ID	TB-:	5 TS	SW-7	TSW-8	TB-6	Limit for =1				
Matrix	S		S	S	S					
DF	1		1 1		1	S	W			
Compound			Conce	·	mg/kg	ug/L				
Benzene	ND]	ND	ND	ND	0.005	NA			
Ethylbenzene	ND]	ND	ND	ND	0.005	NA			
Methyl-t-butyl ether (MTBE)	ND	,]	ND	ND	ND	0.005	NA			
Toluene	ND	,]	ND	ND	ND	0.005	NA			
Xylenes	ND]	ND	ND	ND	0.005	NA			
		Surrogate R	ecoverie	s (%)		•				
%SS1:	99		97	97	97					
%SS2:	103	3	103	103	104					
Comments										
* water and vapor samples are reported in extracts are reported in mg/L, wipe sample		• •	les in mg/k	g, product/oil/non-a	queous liquid sample	es and all TC	LP & SPL			
ND means not detected above the report	ng limit/me	thod detection li	mit; N/A m	eans analyte not ap	plicable to this anal	ysis.				
# surrogate diluted out of range or coelut	es with anot	ther peak; &) low	/ surrogate	due to matrix interl	erence.					
%SS = Percent Recovery of Surrogate Sta	undard									

DF = Dilution Factor

McCampbell An "When Ouality	<u>c.</u>	1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269									
Conestoga-Rovers & Associates		Client Project ID: #311956; 9-0020 Date Sampled:					01/05/11				
5900 Hollis St, Suite A						Date Received: 01/05/11					
5500 Homs Br, Bute IX		Client Co	ontact: Na	athan L	ee	Date Extracted:	01/05/11				
Emeryville, CA 94608	Client P.C	D.:			Date Analyzed:	01/05/11					
MTBE and BTEX by GC/MS*											
Extraction Method: SW5030B Analytical Method: SW8260B Wo											
Lab ID	11010	63-005A									
Client ID	Т	В-7					Reporting DF	Limit for			
Matrix		S									
DF		1					S	W			
Compound	Concentration						mg/kg	ug/L			
Benzene]	ND					0.005	NA			
Ethylbenzene]	ND					0.005	NA			
Methyl-t-butyl ether (MTBE)]	ND					0.005	NA			
Toluene]	ND					0.005	NA			
Xylenes		ND					0.005	NA			
		Surro	ogate Rec	overies	s (%)						
%SS1:		97									
%SS2:		103									
Comments											
 * water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe. ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis. 											
# surrogate diluted out of range or coelute	es with a	nother peak	; &) low su	irrogate	due to matrix inter	ference.					
%SS = Percent Recovery of Surrogate Sta	ndard										

DF = Dilution Factor

	ampbell Analyti	ical, Inc.	1534 Willow F Web: www.mccamp Telephone: 8		mail: main		ell.com		
Conestoga-Rover					Date Sampled: 01/05/11				
5000 II 11' G. G	• •			Date Rec	Date Received: 01/05/11				
5900 Hollis St, Su	ite A	Client Contact: Na	athan Lee	Date Extr	acted:	01/05/1	1		
Emeryville, CA 94	608	Client P.O.:		Date Ana	lyzed	01/05/1	1		
	Total Extractal	ble Petroleum Hydro	ocarbons with Silica Gel	l Clean-Up [:]	*				
Extraction method SW3		Analytical m		-		Work Orde	er: 1101063		
Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)		DF	% SS	Comments		
1101063-001A	TB-5	S	ND		1	110			
1101063-002A	TSW-7	S	ND		1	107			
1101063-003A	TSW-8	S	ND		1	108			
1101063-004A	TB-6	S	ND		1	111			
1101063-005A	TB-7	S	4.7		1	107	e7,e2		
	g Limit for DF =1;	W	NA			N	A		
	s not detected at or ne reporting limit	S	1.0			mg	/Kg		

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

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

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

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

e2) diesel range compounds are significant; no recognizable pattern e7) oil range compounds are significant

DHS ELAP Certification 1644





"When Ouality Counts"

QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil		QC Matrix: Soil						ID: 55378	WorkOrder 1101063			
EPA Method SW8015Bm	Extrac	tion SW	5030B					5	Spiked San	nple ID	: 1012952-0)01A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%))
Analyte	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex ^f	ND	0.60	98.3	101	2.32	99.7	85.4	15.5	70 - 130	20	70 - 130	20
MTBE	ND	0.10	106	109	2.28	103	111	6.87	70 - 130	20	70 - 130	20
Benzene	ND	0.10	100	100	0	101	101	0	70 - 130	20	70 - 130	20
Toluene	ND	0.10	97.2	96.5	0.678	97.8	96.7	1.16	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	98.2	97.6	0.590	99	96.9	2.20	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	100	100	0	101	99.3	2.07	70 - 130	20	70 - 130	20
%SS:	106	0.10	111	105	5.84	109	107	1.89	70 - 130	20	70 - 130	20
All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE												

BATCH 55378 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101063-001A	01/05/11 8:25 AM	01/05/11	01/05/11 6:14 PM	1101063-002A	01/05/11 8:28 AM	01/05/11	01/05/11 6:44 PM
1101063-003A	01/05/11 8:30 AM	01/05/11	01/05/11 8:14 PM	1101063-004A	01/05/11 8:33 AM	01/05/11	01/05/11 9:44 PM
1101063-005A	01/05/11 8:35 AM	01/05/11	01/05/11 10:14 PM				

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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

A QA/QC Officer



"When Ouality Counts"

QC SUMMARY REPORT FOR SW8260B

V.O. Sample Matrix: Soil QC Matrix: So				x: Soil	BatchID: 55425				WorkOrder 1101063			
EPA Method SW8260B	EPA Method SW8260B Extraction SW5030B							s	piked San	nple ID	: 1101038-0	001A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%)	
, indigite	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Benzene	ND	0.050	112	110	1.53	111	109	1.60	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	102	104	2.55	104	103	0.909	70 - 130	30	70 - 130	30
Toluene	ND	0.050	121	120	1.24	118	117	1.06	70 - 130	30	70 - 130	30
%SS1:	95	0.13	114	116	1.10	113	111	1.65	70 - 130	30	70 - 130	30
%SS2:	103	0.13	107	108	1.52	106	107	1.20	70 - 130	30	70 - 130	30

BATCH 55425 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101063-001A	01/05/11 8:25 AM	01/05/11	01/05/11 4:22 PM	1101063-002A	01/05/11 8:28 AM	01/05/11	01/05/11 5:04 PM
1101063-003A	01/05/11 8:30 AM	01/05/11	01/05/11 5:46 PM	1101063-004A	01/05/11 8:33 AM	01/05/11	01/05/11 6:28 PM
1101063-005A	01/05/11 8:35 AM	01/05/11	01/05/11 9:20 PM				

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

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

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

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

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

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



"When Ouality Counts"

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil	V.O. Sample Matrix: Soil QC Matrix: Soil						BatchID: 55379 Wor			WorkC	orkOrder 1101063	
EPA Method SW8015B Extraction SW3550B/3630C					Spiked Sample ID: 1012958-0				02A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%)	
, indigite	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	ND	40	128	128	0	94	94.4	0.390	70 - 130	30	70 - 130	30
%SS:	118	25	111	111	0	99	100	0.301	70 - 130	30	70 - 130	30
All target compounds in the Metho NONE	od Blank of this	extraction	batch we	re ND les	s than the	method R	L with th	e following	exceptions:			

BATCH 55379 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101063-001A	01/05/11 8:25 AM	01/05/11	01/05/11 4:11 PM	1101063-002A	01/05/11 8:28 AM	01/05/11	01/05/11 5:21 PM
1101063-003A	01/05/11 8:30 AM	01/05/11	01/05/11 3:02 PM	1101063-004A	01/05/11 8:33 AM	01/05/11	01/05/11 3:00 PM
1101063-005A	01/05/11 8:35 AM	01/05/11	01/05/11 4:11 PM				

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

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

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

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

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

DHS ELAP Certification 1644

A QA/QC Officer



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories 2425 New Holland Pike Lancaster, PA 17605-2425 Prepared for:

ChevronTexaco 6001 Bollinger Canyon Rd L4310 San Ramon CA 94583

January 06, 2011

Project: 90020

Submittal Date: 01/05/2011 Group Number: 1227819 PO Number: 0015061031 Release Number: PATTEN State of Sample Origin: CA

Client Sample Description

TSW-1-S-11-110103 Grab Soil TSW-3-S-11-110104 Grab Soil TSW-5-S-9-110104 Grab Soil TSW-6-S-9-110104 Grab Soil TB-2-S-10.5-110104 Grab Soil TB-4-S-10-110104 Grab Soil EX-9-S-5-110104 Grab Soil

Lancaster Labs (LLI)

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC	Chevron	Attn: CRA EDD
COPY TO		
ELECTRONIC	CRA	Attn: Nathan Lee
COPY TO		
ELECTRONIC	Conestoaga-Rovers & Associates	Attn: Belew Yifru
COPY TO		





Questions? Contact your Client Services Representative Natalie R Luciano at (717) 656-2300 Ext. 1881

Respectfully Submitted,

Roh Chi-

Robin C. Runkle Senior Specialist





Page 1 of 1

Sample Description: TSW-1-S-11-110103 Grab SoilLLIFacility# 90020 CRAWLLI1633 Harrison St-Oakland T0600100304 TSW-1Acco

LLI Sample # SW 6177762 LLI Group # 1227819 Account # 10880

Project Name: 90020

Collected: 01/03/2011 11:30

Submitted: 01/05/2011 09:00 Reported: 01/06/2011 16:57 ChevronTexaco 6001 Bollinger Canyon Rd L4310 San Ramon CA 94583

HSO01

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846	8260B	mg/kg	mg/kg	mg/kg	
10950	Benzene		71-43-2	N.D.	0.0005	0.005	0.99
10950	Ethylbenzene		100-41-4	N.D.	0.001	0.005	0.99
10950	Methyl Tertiary Buty	l Ether	1634-04-4	N.D.	0.0005	0.005	0.99
10950	Toluene		108-88-3	N.D.	0.001	0.005	0.99
10950	Xylene (Total)		1330-20-7	N.D.	0.001	0.005	0.99
GC Vol	atiles	SW-846	8015B modified	mg/kg	mg/kg	mg/kg	
01725	TPH-GRO N. CA soil C	6-C12	n.a.	N.D.	1.0	1.0	25.85
GC Ext w/Si G		SW-846	8015B	mg/kg	mg/kg	mg/kg	
02222	TPH-DRO soil C10-C28	w/Si Ge	l n.a.	20	4.0	12	1

State of California Lab Certification No. 2501

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX/MTBE 8260 Soil	SW-846 8260B	1	B110051AA	01/05/2011 17:00	Laura M Krieger	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201100523446	01/05/2011 14:52	Larry E Bevins	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201100523446	01/05/2011 14:52	Larry E Bevins	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201100523446	01/05/2011 14:28	Larry E Bevins	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	11006A34A	01/06/2011 11:55	Elizabeth J Marin	25.85
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201100523446	01/05/2011 14:28	Larry E Bevins	n.a.
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	110050014A	01/06/2011 11:13	Melissa McDermott	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3550B	1	110050014A	01/05/2011 17:40	Sally L Appleyard	1





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Sample Description: TSW-3-S-11-110104 Grab Soil Facility# 90020 CRAW 1633 Harrison St-Oakland T0600100304 TSW-3

LLI Sample # SW 6177763 LLI Group # 1227819 Account # 10880

Project Name: 90020

Collected: 01/04/2011 09:00

Submitted: 01/05/2011 09:00 Reported: 01/06/2011 16:57 ChevronTexaco 6001 Bollinger Canyon Rd L4310 San Ramon CA 94583

HSO03

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846	8260B	mg/kg	mg/kg	mg/kg	
10950 10950 10950 10950 10950	Benzene Ethylbenzene Methyl Tertiary But Toluene Xylene (Total)	yl Ether	71-43-2 100-41-4 1634-04-4 108-88-3 1330-20-7	N.D. N.D. N.D. N.D. N.D.	0.0005 0.001 0.0005 0.001 0.001	0.005 0.005 0.005 0.005 0.005	1.05 1.05 1.05 1.05 1.05
GC Vol	atiles	SW-846	8015B modified	mg/kg	mg/kg	mg/kg	
01725	TPH-GRO N. CA soil	C6-C12	n.a.	N.D.	1	1	23.83
	ractable TPH	SW-846	8015B	mg/kg	mg/kg	mg/kg	
w/Si G 02222	Jel TPH-DRO soil C10-C2	8 w/Si Ge	l n.a.	27	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX/MTBE 8260 Soil	SW-846 8260B	1	B110051AA	01/05/2011 17:22	Laura M Krieger	1.05
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201100523446	01/05/2011 14:52	Larry E Bevins	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201100523446	01/05/2011 14:52	Larry E Bevins	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201100523446	01/05/2011 14:32	Larry E Bevins	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	11006A34A	01/06/2011 12:31	Elizabeth J Marin	23.83
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201100523446	01/05/2011 14:32	Larry E Bevins	n.a.
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	110050014A	01/06/2011 07:33	Melissa McDermott	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3550B	1	110050014A	01/05/2011 17:40	Sally L Appleyard	1





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Sample Description: TSW-5-S-9-110104 Grab Soil Facility# 90020 CRAW 1633 Harrison St-Oakland T0600100304 TSW-5

LLI Sample # SW 6177764 LLI Group # 1227819 Account # 10880

Project Name: 90020

Collected: 01/04/2011 09:55

Submitted: 01/05/2011 09:00 Reported: 01/06/2011 16:57 ChevronTexaco 6001 Bollinger Canyon Rd L4310 San Ramon CA 94583

HSO05

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846	8260B	mg/kg	mg/kg	mg/kg	
10950 10950 10950 10950 10950	Benzene Ethylbenzene Methyl Tertiary Buty Toluene Xylene (Total)	yl Ether	71-43-2 100-41-4 1634-04-4 108-88-3 1330-20-7	N.D. N.D. N.D. N.D. N.D.	0.0005 0.001 0.0005 0.001 0.001	0.005 0.005 0.005 0.005 0.005	1.05 1.05 1.05 1.05 1.05
GC Vol	atiles	SW-846	8015B modified	mg/kg	mg/kg	mg/kg	
01725	TPH-GRO N. CA soil (C6-C12	n.a.	N.D.	1.0	1.0	25.48
GC Ext	ractable TPH	SW-846	8015B	mg/kg	mg/kg	mg/kg	
w/Si G 02222	Sel TPH-DRO soil C10-C28	8 w/Si Ge	l n.a.	42	8.0	24	2

General Sample Comments

State of California Lab Certification No. 2501

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX/MTBE 8260 Soil	SW-846 8260B	1	B110051AA	01/05/2011 17:44	Laura M Krieger	1.05
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201100523446	01/05/2011 14:52	Larry E Bevins	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201100523446	01/05/2011 14:52	Larry E Bevins	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201100523446	01/05/2011 14:35	Larry E Bevins	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	11006A34A	01/06/2011 13:08	Elizabeth J Marin	25.48
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201100523446	01/05/2011 14:36	Larry E Bevins	n.a.
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	110050014A	01/06/2011 08:16	Melissa McDermott	2
11210	DRO by 8015 Microwave w/ SG	SW-846 3550B	1	110050014A	01/05/2011 17:40	Sally L Appleyard	1





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Sample Description: TSW-6-S-9-110104 Grab Soil Facility# 90020 CRAW 1633 Harrison St-Oakland T0600100304 TSW-6

LLI Sample # SW 6177765 LLI Group # 1227819 Account # 10880

Project Name: 90020

Collected: 01/04/2011 10:00

Submitted: 01/05/2011 09:00 Reported: 01/06/2011 16:57 ChevronTexaco 6001 Bollinger Canyon Rd L4310 San Ramon CA 94583

HSO06

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SI	W-846	8260B	mg/kg	mg/kg	mg/kg	
10950 10950 10950 10950 10950	Benzene Ethylbenzene Methyl Tertiary Butyl Toluene Xylene (Total)	Ether	71-43-2 100-41-4 1634-04-4 108-88-3 1330-20-7	N.D. N.D. N.D. N.D. N.D.	0.0005 0.001 0.0005 0.001 0.001	0.005 0.005 0.005 0.005 0.005	1.03 1.03 1.03 1.03 1.03
GC Vol	atiles S	W-846	8015B modified	mg/kg	mg/kg	mg/kg	
01725	TPH-GRO N. CA soil C6-	-C12	n.a.	N.D.	1	1	24.2
		W-846	8015B	mg/kg	mg/kg	mg/kg	
w/Si G 02222	FEL TPH-DRO soil C10-C28 v	w/Si Gel	l n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX/MTBE 8260 Soil	SW-846 8260B	1	B110051AA	01/05/2011 18:07	Laura M Krieger	1.03
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201100523446	01/05/2011 14:52	Larry E Bevins	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201100523446	01/05/2011 14:52	Larry E Bevins	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201100523446	01/05/2011 14:38	Larry E Bevins	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	11006A34A	01/06/2011 13:43	Elizabeth J Marin	24.2
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201100523446	01/05/2011 14:39	Larry E Bevins	n.a.
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	110050014A	01/06/2011 09:23	Melissa McDermott	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3550B	1	110050014A	01/05/2011 17:40	Sally L Appleyard	1





Page 1 of 1

Sample Description: TB-2-S-10.5-110104 Grab Soil Facility# 90020 CRAW 1633 Harrison St-Oakland T0600100304 TB-2

LLI Sample # SW 6177766 LLI Group # 1227819 Account # 10880

Project Name: 90020

Collected: 01/04/2011 09:05

Submitted: 01/05/2011 09:00 Reported: 01/06/2011 16:57 ChevronTexaco 6001 Bollinger Canyon Rd L4310 San Ramon CA 94583

HSO02

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846	8260B	mg/kg	mg/kg	mg/kg	
10950 10950 10950 10950 10950	Benzene Ethylbenzene Methyl Tertiary Buty Toluene Xylene (Total)	l Ether	71-43-2 100-41-4 1634-04-4 108-88-3 1330-20-7	N.D. N.D. N.D. N.D. N.D.	0.0005 0.001 0.0005 0.001 0.001	0.005 0.005 0.005 0.005 0.005	1.09 1.09 1.09 1.09 1.09
GC Vol	latiles	SW-846	8015B modified	mg/kg	mg/kg	mg/kg	
01725	TPH-GRO N. CA soil (C6-C12	n.a.	N.D.	1.0	1.0	25.64
	ractable TPH	SW-846	8015B	mg/kg	mg/kg	mg/kg	
w/Si G 02222	JPH-DRO soil C10-C28	3 w/Si Ge	l n.a.	53	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX/MTBE 8260 Soil	SW-846 8260B	1	B110051AA	01/05/2011 18:52	Laura M Krieger	1.09
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201100523446	01/05/2011 14:52	Larry E Bevins	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201100523446	01/05/2011 14:52	Larry E Bevins	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201100523446	01/05/2011 14:42	Larry E Bevins	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	11006A34A	01/06/2011 14:18	Elizabeth J Marin	25.64
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201100523446	01/05/2011 14:43	Larry E Bevins	n.a.
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	110050014A	01/06/2011 07:55	Melissa McDermott	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3550B	1	110050014A	01/05/2011 17:40	Sally L Appleyard	1





Page 1 of 1

Sample Description: TB-4-S-10-110104 Grab Soil Facility# 90020 CRAW 1633 Harrison St-Oakland T0600100304 TB-4

LLI Sample # SW 6177767 LLI Group # 1227819 Account # 10880

Project Name: 90020

Collected: 01/04/2011 09:50

Submitted: 01/05/2011 09:00 Reported: 01/06/2011 16:57 ChevronTexaco 6001 Bollinger Canyon Rd L4310 San Ramon CA 94583

HSO04

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846	8260B	mg/kg	mg/kg	mg/kg	
10950 10950 10950 10950 10950	Benzene Ethylbenzene Methyl Tertiary Buty Toluene Xylene (Total)	/l Ether	71-43-2 100-41-4 1634-04-4 108-88-3 1330-20-7	N.D. N.D. N.D. N.D. N.D.	0.0005 0.001 0.0005 0.001 0.001	0.005 0.005 0.005 0.005 0.005	1.05 1.05 1.05 1.05 1.05
GC Vol	atiles	SW-846	8015B modified	mg/kg	mg/kg	mg/kg	
01725	TPH-GRO N. CA soil C	C6-C12	n.a.	N.D.	1.0	1.0	25.77
		SW-846	8015B	mg/kg	mg/kg	mg/kg	
w/Si G 02222	Sel TPH-DRO soil C10-C28	8 w/Si Ge	l n.a.	N.D.	4.0	12	1

General Sample Comments

State of California Lab Certification No. 2501

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10950	BTEX/MTBE 8260 Soil	SW-846 8260B	1	B110051AA	01/05/2011 19:14	Laura M Krieger	1.05
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201100523446	01/05/2011 14:52	Larry E Bevins	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201100523446	01/05/2011 14:52	Larry E Bevins	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201100523446	01/05/2011 14:45	Larry E Bevins	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	11006A34A	01/06/2011 14:55	Elizabeth J Marin	25.77
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201100523446	01/05/2011 14:46	Larry E Bevins	n.a.
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	110050014A	01/06/2011 09:45	Melissa McDermott	1
11210	DRO by 8015 Microwave w/ SG	SW-846 3550B	1	110050014A	01/05/2011 17:40	Sally L Appleyard	1





Page 1 of 2

Sample Description: EX-9-S-5-110104 Grab Soil Facility# 90020 CRAW 1633 Harrison St-Oakland T0600100304 EX-9

LLI Sample # SW 6177768 LLI Group # 1227819 Account # 10880

Project Name: 90020

Collected: 01/04/2011 10:50

Submitted: 01/05/2011 09:00 Reported: 01/06/2011 16:57 ChevronTexaco 6001 Bollinger Canyon Rd L4310 San Ramon CA 94583

HSO09

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846	8260B	mg/kg	mg/kg	mg/kg	
10950	Benzene		71-43-2	N.D.	0.0005	0.005	1.08
10950	Ethylbenzene		100-41-4	N.D.	0.001	0.005	1.08
10950	Methyl Tertiary But	yl Ether	1634-04-4	N.D.	0.0005	0.005	1.08
10950	Toluene		108-88-3	N.D.	0.001	0.005	1.08
10950	Xylene (Total)		1330-20-7	N.D.	0.001	0.005	1.08
GC Vol	latiles	SW-846	8015B modified	mg/kg	mg/kg	mg/kg	
01725	TPH-GRO N. CA soil	C6-C12	n.a.	N.D.	1	1	24.93
GC Ext	tractable TPH	SW-846	8015B modified	mg/kg	mg/kg	mg/kg	
02516	Total TPH		n.a.	N.D.	10	30	1
02516	TPH Motor Oil C16-C	36	n.a.	N.D.	10	30	1
that	quantitation is based of a hydrocarbon com n-octane) through C40	nponent mi	x calibration in a	range that incl			
GC Ext	tractable TPH	SW-846	8015B	mg/kg	mg/kg	mg/kg	
w/Si (Gel						
02222	TPH-DRO soil C10-C2	8 w/Si Ge	l n.a.	N.D.	4.0	12	1
Metals	5	SW-846	6010B	mg/kg	mg/kg	mg/kg	
06949	Cadmium		7440-43-9	0.550	0.135	0.481	1
06951	Chromium		7440-47-3	16.4	0.567	1.44	1
06955	Lead		7439-92-1	2.60	0.577	1.44	1
06961	Nickel		7440-02-0	84.2	0.183	0.962	1
06972	Zinc		7440-66-6	38.8	0.635	1.92	1

General Sample Comments

State of California Lab Certification No. 2501

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Ti	me	Analyst	Dilution Factor
10950	BTEX/MTBE 8260 Soil	SW-846 8260B	1	B110051AA	01/05/2011	20:43	Laura M Krieger	1.08
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	201100523446	01/05/2011	14:52	Larry E Bevins	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	201100523446	01/05/2011	14:52	Larry E Bevins	n.a.
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	201100523446	01/05/2011	14:49	Larry E Bevins	n.a.
01725	TPH-GRO N. CA soil C6-C12	SW-846 8015B modified	1	11006A34A	01/06/2011	15:31	Elizabeth J Marin	24.93

*=This limit was used in the evaluation of the final result





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Sample Description: EX-9-5-5-110104 Grab Soil Facility# 90020 CRAW 1633 Harrison St-Oakland T0600100304 EX-9

LLI Sample # SW 6177768 LLI Group # 1227819 Account # 10880

Project Name: 90020

Collected: 01/04/2011 10:50

Submitted: 01/05/2011 09:00 Reported: 01/06/2011 16:57 ChevronTexaco 6001 Bollinger Canyon Rd L4310 San Ramon CA 94583

HSO09

Laboratory Sample Analysis Record												
CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Tim	me	Analyst	Dilution Factor				
01150	GC - Bulk Soil Prep	SW-846 5030A	1	201100523446	01/05/2011	14:50	Larry E Bevins	n.a.				
02516	TPH Fuels by GC (Soils)	SW-846 8015B modified	1	110050015A	01/06/2011	08:06	Heather E Williams	1				
02222	TPH-DRO soil C10-C28 w/Si Gel	SW-846 8015B	1	110050014A	01/06/2011	10:07	Melissa McDermott	1				
11210	DRO by 8015 Microwave w/ SG	SW-846 3550B	1	110050014A	01/05/2011	17:40	Sally L Appleyard	1				
11218	TPH Fuels Soils Extraction	SW-846 3550B	1	110050015A	01/05/2011	17:40	Sally L Appleyard	1				
06949	Cadmium	SW-846 6010B	1	110055708002	01/06/2011	05:48	Joanne M Gates	1				
06951	Chromium	SW-846 6010B	1	110055708002	01/06/2011	05:48	Joanne M Gates	1				
06955	Lead	SW-846 6010B	1	110055708002	01/06/2011	09:33	Joanne M Gates	1				
06961	Nickel	SW-846 6010B	1	110055708002	01/06/2011	05:48	Joanne M Gates	1				
06972	Zinc	SW-846 6010B	1	110055708002	01/06/2011	05:48	Joanne M Gates	1				
05708	SW SW846 ICP Digest	SW-846 3050B	1	110055708002	01/05/2011	19:30	Mirit S Shenouda	1				



Analysis Report

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Quality Control Summary

Client Name: ChevronTexaco Reported: 01/06/11 at 04:57 PM Group Number: 1227819

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank <u>Result</u>	Blank MDL**	Blank <u>LOQ</u>	Report <u>Units</u>	LCS <u>%REC</u>	LCSD <u>%REC</u>	LCS/LCSD <u>Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: B110051AA Benzene Ethylbenzene Methyl Tertiary Butyl Ether Toluene Xylene (Total)	Sample num N.D. N.D. N.D. N.D. N.D. N.D.	ber(s): 61 0.0005 0.001 0.0005 0.001 0.001	.77762-617 0.005 0.005 0.005 0.005 0.005 0.005	7768 mg/kg mg/kg mg/kg mg/kg mg/kg	105 93 98 95 95	103 95 101 94 98	80-120 80-120 74-121 80-120 80-120	2 2 4 2 3	30 30 30 30 30 30
Batch number: 11006A34A TPH-GRO N. CA soil C6-C12 Batch number: 110050015A Total TPH	Sample num N.D. Sample num	1.0 ber(s): 61	1.0 .77768	mg/kg	97 107	95	67-119 72-125	2	30
TPH Motor Oil C16-C36	N.D. N.D.	10. 10.	30 30	mg/kg mg/kg	107		/2-125		
Batch number: 110050014A TPH-DRO soil C10-C28 w/Si Gel	Sample num N.D.	ber(s): 61 4.0	12 12	7768 mg/kg	103		76-117		
Batch number: 110055708002 Cadmium Chromium Lead Nickel Zinc	Sample num N.D. N.D. N.D. N.D. N.D. N.D.	ber(s): 61 0.135 0.567 0.577 0.183 0.635	77768 0.481 1.44 1.44 0.962 1.92	mg/kg mg/kg mg/kg mg/kg mg/kg	99 97 96 100 96		90-114 85-110 80-120 90-114 90-110		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS <u>%REC</u>	MSD <u>%REC</u>	MS/MSD <u>Limits</u>	<u>RPD</u>	RPD <u>MAX</u>	BKG <u>Conc</u>	DUP <u>Conc</u>	DUP <u>RPD</u>	Dup RPD <u>Max</u>
Batch number: B110051AA Benzene Ethylbenzene Methyl Tertiary Butyl Ether Toluene Xylene (Total)	Sample 107 95 94 99 95	number(s)	: 6177762 55-143 44-141 55-129 50-146 44-136	-61777	68 UNSP	K: 6177763			
Batch number: 110050015A Total TPH TPH Motor Oil C16-C36	Sample 101	number(s)	: 6177768 49-123	UNSPK	: 61777	68 BKG: 617 N.D. N.D. N.D.	7768 N.D. N.D.	0 (1) 0 (1)	20 20
Batch number: 110050014A	Sample	number(s)	: 6177762	-61777	68 UNSP	K: 6177768	BKG: 6177	768	

*- Outside of specification

**-This limit was used in the evaluation of the final result for the blank

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.



Analysis Report

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Page 2 of 3

Quality Control Summary

Client Name: ChevronTexaco Reported: 01/06/11 at 04:57 PM Group Number: 1227819

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u> TPH-DRO soil C10-C28 w/Si Gel	MS <u>%REC</u> 108	MSD <u>%REC</u>	MS/MSD <u>Limits</u> 30-159	<u>RPD</u>	RPD <u>MAX</u>	BKG <u>Conc</u> N.D.	DUP Conc N.D.	DUP <u>RPD</u> 0 (1)	Dup RPD <u>Max</u> 20
Batch number: 110055708002 Cadmium Chromium Lead Nickel Zinc	Sample 90 99 89 84 97	number(s) 92 100 91 76 101	: 6177768 75-125 75-125 75-125 75-125 75-125 75-125	UNSPK: 4 2 4 2 4	61777 20 20 20 20 20 20 20	768 BKG: 6 0.550 16.4 2.60 84.2 38.8	0.952 14.3 2.77 73.6 41.1	54* (1) 14 6 (1) 13 6	20 20 20 20 20 20

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs by 8260B - Solid Batch number: B110051AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene	
6177762	106	107	93	92	
6177763	106	104	94	89	
6177764	107	103	97	84	
6177765	107	103	94	90	
6177766	106	104	95	89	
6177767	108	103	94	89	
6177768	109	108	93	92	
Blank	105	103	93	90	
LCS	101	104	97	101	
LCSD	102	105	97	101	
MS	101	100	99	99	
Limits:	71-114	70-109	70-123	70-111	

Analysis Name: TPH-GRO N. CA soil C6-C12 Batch number: 11006A34A

Trifluorotoluene-F

6177762	82
6177763	82
6177764	86
6177765	78
6177766	79
6177767	81
6177768	88
Blank	90
LCS	88
LCSD	84

Limits: 61-122

Analysis Name: TPH-DRO soil C10-C28 w/Si Gel

*- Outside of specification

**-This limit was used in the evaluation of the final result for the blank

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.



Analysis Report

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Quality Control Summary

Client	Name	e: (hevro	onTe	exaco	
Reporte	d: ()1/0	06/11	at	04:57	ΡM

Group Number: 1227819

Surrogate Quality Control

Batch	number:	110050014A
	Orthot	erphenyl

6177762	95			
6177763	98			
6177764	91			
6177765	99			
6177766	98			
6177767	98			
6177768	104			
Blank	105			
DUP	103			
LCS	115			
MS	122			
Limits:	59-129		 	
00				
Analvsis	Name: TPH Fue	ls by GC (Soils)		
	Name: TPH Fue mber: 11005001	ls by GC (Soils) A		
	mber: 11005001	5A		
	mber: 11005001	5A	 	
Batch num 6177768	mber: 110050019 Chlorobenzene 114	Orthoterphenyl		
Batch num 6177768 Blank	mber: 11005001 Chlorobenzene 114 108	Orthoterphenyl	 	
Batch num 6177768 Blank DUP	mber: 11005001 Chlorobenzene 114 108 108	Orthoterphenyl 115 106 104	 	
Batch num 6177768 Blank DUP LCS	mber: 11005001 Chlorobenzene 114 108 108 102	5A Orthoterphenyl 115 106 104 130*	 	
Batch num 6177768 Blank DUP	mber: 11005001 Chlorobenzene 114 108 108	Orthoterphenyl 115 106 104		
Batch num 6177768 Blank DUP LCS	mber: 11005001 Chlorobenzene 114 108 108 102	5A Orthoterphenyl 115 106 104 130*		

*- Outside of specification

- **-This limit was used in the evaluation of the final result for the blank
- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

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					remperature	upon Ke	ceipt	_1.0	<u></u>	<u></u> (,. 					C	ustody/Se	als lpt	act?	Kes No		

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Lancaster Laboratories, Inc., 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 (717) 656-2300 Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

3460 Rev. 10/04/01

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	Ib.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)

- < less than The number following the sign is the <u>limit of quantitation</u>, the smallest amount of analyte which can be reliably determined using this specific test.
- > greater than
- J estimated value The result is \geq the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).
- **ppm** parts per million One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.
- ppb parts per billion
- Dry weight
basisResults printed under this heading have been adjusted for moisture content. This increases the analyte weight
concentration to approximate the value present in a similar sample without moisture. All other results are reported
on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

- A TIC is a possible aldol-condensation product
- **B** Analyte was also detected in the blank
- **C** Pesticide result confirmed by GC/MS
- D Compound quantitated on a diluted sample
- E Concentration exceeds the calibration range of the instrument
- **N** Presumptive evidence of a compound (TICs only)
- P Concentration difference between primary and confirmation columns >25%
- U Compound was not detected
- **X,Y,Z** Defined in case narrative

Inorganic Qualifiers

- **B** Value is <CRDL, but \ge IDL
- E Estimated due to interference
- **M** Duplicate injection precision not met
- N Spike sample not within control limits
- **S** Method of standard additions (MSA) used for calculation
- U Compound was not detected
- W Post digestion spike out of control limits
- * Duplicate analysis not within control limits
- + Correlation coefficient for MSA < 0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL LANCASTER LABORATORIES BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF LANCASTER LABORATORIES AND (B) WHETHER LANCASTER LABORATORIES HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions that vary from the Standard Terms and Conditions, and Lancaster hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

McCampbell A		Web: www.mccampbell.c	Road, Pittsburg, CA 94: com E-mail: main@m 52-9262 Fax: 925-25	ccampbell.com
Conestoga-Rovers & Associates	Client Project ID: #311956;	9-0020	Date Sampled:	01/06/11
5900 Hollis St, Suite A			Date Received:	01/06/11
Syde Hollis Br, Buile H	2	Date Reported:	01/07/11	
Emeryville, CA 94608	Client P.O.:		Date Completed:	01/07/11

WorkOrder: 1101098

January 07, 2011

Dear Nathan:

Enclosed within are:

- 1) The results of the 1 analyzed sample from your project: #311956; 9-0020,
- 2) A QC report for the above sample,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

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

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

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

Report To: m/	ebsite www.m elephones (877 ee @ Cras	1534 WI PITTSBL ccampbel 7) 252-92	LLOW PA JRG, CA 9- II.com En 262	SS RO 4565-1 nail: n Bill To	AD 701 nain@ Fax	mee : (92	amp 25) 2	bell. 52-9	com 9269						UR	N A		ou	CH IND EDF	T	IMI B-	E PD Cho	F	RUS f sa	H Ex	24 cel	HR	1	48 1 Wr	HR ite (72 72 On (J J" flag ther	HR DW g is r	5 DAY 5 DAY equired omments
Company: CO Tele: (S/O) S Project #: 3[] Project Location Sampler Signatu	420 0700 956 1: 1633 HA	RRISO	E F F	C-Mai Fax: (Projec	il: n/ (5/c	me:	0000	cr 0'-0	aw 91 02 2 A	70	MET	ног	0	1000-10051 + (8015)/ MEDE	TPH as Diesel (8015) wITH SILICA GEL CLE	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	ocarbons (418.1)	/ 8021 (HVOCs)	(EPA 602+8024) & 26 0	ll Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	esticides)	c CI Herbicides)	(VOCs)	(SVOCs)	(PAHs / PNAs)	/ 200.8 / 6010 / 6020)	200.8 / 6010 / 6020)	10 / 6020)	Filter sample for DISSOLVED metals analysis		he sa po da	Indicate ere if these mples are otentially ingerous to indle:
SAMPLE ID	LOCATION/ Field Point Name	Date	Time	# Containers	Type Containers	Water		Alf				*ONH	-	BPBM-& TPH as Gas	TPH as Diesel (8015) $_U$	Total Petroleum Oil &	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEN ONLY (EPA 602-18024)	EPA 505/ 608 / 8081 (CI Pesticides)	EPA 608 / 8082 PCB's	EPA 507 / 8141 (NP Pesticides)	EPA S15 / 8151 (Acidic CI Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT S Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 / 6010 / 6020)	Filter sample for DISS			
TP-1		46110	7:35	1			×							×	×				×														
Relinquished By:	ple handling by !	Date: 1/6/11 Date: 1/6/11 Date: 1/6/11 Date: Date:	emicals kn Non-disclo Time: <u>8:30</u> Time: <u> S10</u> Time:	Rece SI Rece	ived B	in im iy: RE iy:	media	ite S2	ibmil 250 si 9 9	urch	arge	and	the	ICI GO HE DE AP PR	E/r DOD C CAD S CHLO PROF ESER	ORI PAC	DIT DIT CE A NAT ATE D IN	full ION BSE ED I CON LAH VO	NT_ IN LA	AB_ NEF	ality f	or h:	TAL	uffe	red.	Tha	nk ye	ou fe	or yo	ange ur un	dersta	as a ronding	esult of brief, and for

byifro	QC	raworld	1-com
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1534 Willow Pass Rd Pittsburg CA 94565-1701

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

(925) 252-9262				WorkOr	der: 110109	8 Client	Code: CETE		
	WaterTrax	WriteOn	EDF	Excel	Fax	🖌 Email	HardCopy	ThirdParty	J-flag
Report to:				Bi	II to:		Req	uested TAT:	1 day
Nathan Lee	Email:	nlee@craworld.c	om		Accounts Pa	ayable			
Conestoga-Rovers & Associates	cc:	byifru@craworld.	com		Conestoga-	Rovers & Associat			
5900 Hollis St, Suite A	PO:				5900 Hollis	St, Ste. A	Dat	e Received:	01/06/2011
Emeryville, CA 94608	ProjectNo:	#311956; 9-0020)		Emeryville,	CA 94608	Dat	e Printed:	01/06/2011
(510) 420-0700 FAX (510) 420-9170									
						Permanted Tests	(See legend b		

							Req	uestea	Tests (See leg	jena bo	elow)			
Lab ID	Client ID	Matrix	Collection Date Ho	old 1	2	3	4	5	6	7	8	9	10	11	12
1101098-001	TP-1	Soil	1/6/2011 7:35		А	A									

Test Legend:

1	MBTEX-8260B_S	2
6		7
11		12

2	PREDF REPORT
7	
12	

3	TPH(D)WSG_S
8	

4	
9	

5	
10	

The following SampID: 001A contains testgroup.

Prepared by: Ana Venegas

Comments: 24hr rush

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



"When Ouality Counts"

Sample Receipt Checklist

Client Name:	Conestoga-Rove	rs & Associate	s		Date a	nd Time Received:	1/6/2011 3	:36:16 PM
Project Name:	#311956; 9-0020				Check	list completed and re	eviewed by:	Ana Venegas
WorkOrder N°:	1101098	Matrix <u>Soil</u>			Carrier	:: <u>Client Drop-In</u>		
		<u>Ch</u>	ain of Cu	stody (C	OC) Informa	tion		
Chain of custody	present?		Yes	\checkmark	No 🗆			
Chain of custody	signed when relinqui	shed and received	? Yes	\checkmark	No 🗆			
Chain of custody	agrees with sample l	abels?	Yes	✓	No 🗌			
Sample IDs noted	by Client on COC?		Yes	\checkmark	No 🗆			
Date and Time of	collection noted by Cli	ent on COC?	Yes	✓	No 🗆			
Sampler's name n	noted on COC?		Yes	\checkmark	No 🗆			
			<u>Sample</u>	Receipt	Information			
Custody seals int	tact on shipping conta	iner/cooler?	Yes		No 🗆		NA 🔽	
Shipping containe	er/cooler in good cond	ition?	Yes	\checkmark	No 🗆			
Samples in prope	er containers/bottles?		Yes	✓	No 🗆			
Sample container	rs intact?		Yes	\checkmark	No 🗆			
Sufficient sample	volume for indicated	test?	Yes	✓	No 🗌			
		Sample Pre	servatior	n and Ho	old Time (HT)	Information		
All samples receive	ved within holding time	e?	Yes	<	No 🗌			
Container/Temp E	Blank temperature		Coole	r Temp:	4.4°C		NA 🗆	
Water - VOA vial	ls have zero headspa	ce / no bubbles?	Yes		No 🗆	No VOA vials submi	tted 🗹	
Sample labels ch	necked for correct pres	servation?	Yes	✓	No 🗌			
Metal - pH accept	table upon receipt (pH	<2)?	Yes		No 🗆		NA 🗹	
Samples Receive	ed on Ice?		Yes	✓	No 🗆			
		(Ice]	Type: WE	TICE)			
* NOTE: If the "N	lo" box is checked, se	ee comments belo	W.					

Client contacted:

Date contacted:

Contacted by:

Comments:

	McCampbell Analyti	1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269					
Conestog	a-Rovers & Associates	Client Project ID:	#311956; 9-0020 Date Sampled: 01/06/11				
5900 Holl	lis St, Suite A		Date Receiv	ed: 01	/06/11		
5500 1101	is St, Suite A	Client Contact: N	athan Lee	Date Extract	ed: 01	/06/11	
Emeryvill	e, CA 94608	Client P.O.:		Date Analyz	ed 01	/06/11	
	Gasoline Ra	ange (C6-C12) Vola	tile Hydrocarbons as G	asoline*			
Extraction met	thod SW5030B	Analytical m	nethods SW8015Bm		Wo	rk Order:	1101098
Lab ID	Client ID	Matrix	TPH(g)		DF	% SS	Comments
001A	TP-1	S	ND		1	99	
	Reporting Limit for DF =1;	W	NA			NA	
	ND means not detected at or above the reporting limit	S	1.0			mg/Kg	5

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

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

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

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

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.					Web: www.mccamp		94565-1701 @mccampbell.c 5-252-9269	com
Conestoga-Rovers & Associates		Client Project	ID: #31	1956	; 9-0020	Date Sampled:	01/06/11	
5900 Hollis St, Suite A						Date Received:	01/06/11	
5500 Hollis St, Suite A		Client Contac	ct: Natha	ın Le	ee	Date Extracted:	01/06/11	
Emeryville, CA 94608		Client P.O.:				Date Analyzed:	01/06/11	
		MTBE an	d BTEX	by C	GC/MS*			
Extraction Method: SW5030B		Analytical	Method: SV	V8260)B		Work Order:	1101098
Lab ID	11010	98-001A						
Client ID	Т	'P-1					Reporting DF	Limit for =1
Matrix		S					1	
DF		1					S	W
Compound			Co	once	ntration		mg/kg	ug/L
Benzene]	ND					0.005	NA
Ethylbenzene]	ND					0.005	NA
Methyl-t-butyl ether (MTBE)]	ND					0.005	NA
Toluene]	ND					0.005	NA
Xylenes]	ND					0.005	NA
		Surrogat	e Recove	ries	(%)			
%SS1:		94						
%SS2:		105						
Comments								
* water and vapor samples are reported in extracts are reported in mg/L, wipe sample ND means not detected above the reporti	es in µg∕	wipe.	-		-			LP & SPLP
# surrogate diluted out of range or coelute		nother peak; &)	low surrog	gate o	due to matrix inter	ference.		
%SS = Percent Recovery of Surrogate Sta	ndard							

DF = Dilution Factor

	Campbell Analyti "When Ouality Counts"	Web: www.mccamp	Pass Road, Pitts bell.com E-n 377-252-9262	nail: main		ell.com	
Conestoga-Rov	vers & Associates	Client Project ID:	Date Sam	pled:	01/06/1	1	
5900 Hollis St, S	Suite A			Date Rece	eived:	01/06/1	1
		Client Contact: N	athan Lee	Date Extra	acted:	01/06/1	1
Emeryville, CA	94608	Client P.O.:		Date Ana	lyzed	01/07/1	1
Extraction method S		-	ocarbons with Silica Gel nethods: SW8015B	Clean-Up*		Work Orde	er: 1101098
Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)		DF	% SS	Comments
1101098-001A	TP-1	S	2.2		1	111	e7,e2
-	ing Limit for DF =1;	W	NA			N.	A
above	ans not detected at or e the reporting limit e reported in μg/L, wipe samples	S	1.0			mg	

and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

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

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

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

e2) diesel range compounds are significant; no recognizable pattern e7) oil range compounds are significant

DHS ELAP Certification 1644





"When Ouality Counts"

QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil			QC Matrix	x: Soil			Batch	ID: 55447		WorkC	Order 11010	98
EPA Method SW8015Bm	Extra	ction SW	5030B					5	Spiked San	nple ID	: 1101082-0	006A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%))
Analyte	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex ^f)	ND	0.60	98.8	102	2.80	105	108	2.75	70 - 130	20	70 - 130	20
MTBE	ND	0.10	105	107	1.67	105	107	2.60	70 - 130	20	70 - 130	20
Benzene	ND	0.10	96.6	97.9	1.35	101	101	0	70 - 130	20	70 - 130	20
Toluene	ND	0.10	94.6	95.3	0.777	97.6	99.5	1.92	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	95.9	97	1.20	96.8	99	2.27	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	98.8	99.8	0.969	102	101	0.316	70 - 130	20	70 - 130	20
%SS:	100	0.10	108	106	1.79	109	104	4.47	70 - 130	20	70 - 130	20
All target compounds in the Metho NONE	d Blank of this	extraction	batch we	re ND les	s than the	method R	L with th	e following	exceptions:			

			BATCH 55447 SL	JMMARY				
Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed	
1101098-001A	01/06/11 7:35 AM	1 01/06/11	01/06/11 7:31 PM					

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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

A QA/QC Officer



"When Ouality Counts"

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil			QC Matrix	x: Soil			Batch	ID: 55425		WorkC	order 11010	98
EPA Method SW8260B	Extra	ction SW	5030B					5	piked San	nple ID	: 1101038-0	01A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%)	
, and y to	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Benzene	ND	0.050	112	110	1.53	111	109	1.60	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	102	104	2.55	104	103	0.909	70 - 130	30	70 - 130	30
Toluene	ND	0.050	121	120	1.24	118	117	1.06	70 - 130	30	70 - 130	30
%SS1:	95	0.13	114	116	1.10	113	111	1.65	70 - 130	30	70 - 130	30
%SS2:	103	0.13	107	108	1.52	106	107	1.20	70 - 130	30	70 - 130	30
All target compounds in the Metho NONE	d Blank of this	extraction	batch we	re ND les	s than the	method R	L with th	e following	exceptions:			

			BATCH 55425 SU	JMMARY			
Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101098-001A	01/06/11 7:35 AM	01/06/11	01/06/11 6:55 PM				

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

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

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

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

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

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

A __ QA/QC Officer



"When Ouality Counts"

QC SUMMARY REPORT FOR SW8015B

D. Sample Matrix: Soil QC Matrix: Soil A Method SW8015B Extraction SW3550B/3630C										
ion SW3	3550B/36	30C				s	piked San	ple ID:	1101098-0	01A
Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%)	
mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
40	95.6	95.7	0.152	98.1	98.8	0.720	70 - 130	30	70 - 130	30
25	113	113	0	94	95	1.03	70 - 130	30	70 - 130	30
	- mg/Kg 40	mg/Kg % Rec. 40 95.6	mg/Kg % Rec. % Rec. 40 95.6 95.7	mg/Kg % Rec. % Rec. % RPD 40 95.6 95.7 0.152	mg/Kg % Rec. % Rec. % RPD % Rec. 40 95.6 95.7 0.152 98.1	mg/Kg % Rec. % Rec. % RPD % Rec. % Rec. 40 95.6 95.7 0.152 98.1 98.8	mg/Kg % Rec. % Rec. % RPD % Rec. % Rec. % RPD 40 95.6 95.7 0.152 98.1 98.8 0.720	mg/Kg % Rec. % Rec. % RPD % Rec. % Rec. % RPD MS / MSD 40 95.6 95.7 0.152 98.1 98.8 0.720 70 - 130	mg/Kg % Rec. % Rec. % RPD % Rec. % Rec. % RPD % Rec. % Rec. % RPD 30 40 95.6 95.7 0.152 98.1 98.8 0.720 70 - 130 30	mg/Kg % Rec. % Rec. % RPD % Rec. % Rec. % RPD MS / MSD RPD LCS/LCSD 40 95.6 95.7 0.152 98.1 98.8 0.720 70 - 130 30 70 - 130

BATCH 55462 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101098-001A	01/06/11 7:35 AM	I 01/06/11	01/07/11 2:51 PM				

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

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

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

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

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

A QA/QC Officer

When Oual		Web: www.mccampbe	s Road, Pittsburg, CA 9 ll.com E-mail: main@ 2-252-9262 Fax: 925-2	mccampbell.com
Conestoga-Rovers & Associates	Client Project ID: #311956;	9-0020	Date Sampled:	01/25/11
5900 Hollis St, Suite A			Date Received:	01/25/11
5500 Hollis St, Suite H	Client Contact: Nathan Lee	e	Date Reported:	01/26/11
Emeryville, CA 94608	Client P.O.:		Date Completed:	01/26/11

WorkOrder: 1101564

January 26, 2011

Dear Nathan:

Enclosed within are:

- 1) The results of the 2 analyzed samples from your project: **#311956**; **9-0020**,
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

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

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

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

W Te	ebsite: <u>www.m</u> lephone: (873	1534 WII PITTSBU ccampbel 7) 252-92	LLOW PA IRG, CA 9- Lcom En 162	SS RO 4565-1 nail: n	AD 701 nain@ Fax:	(92	0 amp (5) 2	bell 52-	5(1.con .926	9	4	l					AR	O	EDI	DT F (E PD Ch)F eck	RU:	sh E	24 cce	HR		48 1 Wri	HR ite (J" flag	
Report To: NA				Bill To				_			_				-	2		_	1	Ana	lysis	Re	que	st	-	_	_	_	_	0	ther	Comments
Company: Con Tele: (510) 4	20 0700		E	C-Mai	1: ni 510	100	Q 0 42	ra	w0 91	10		co	74	3015V / W10E		A GEL CLEP	(211H CL C AN U.P.	-	1) BY 826		rs / Congetters						5020)	020)		analysis	84 3260	** Indicate here if these samples are potentially
Project #: 3114				rojec						20	2		_	8			18	00	208	-	oclor		(ides)			As)	10/ 6	0/6		stats	~	dangerous to handle:
Project Location	: 1633 HA	RRISO	NST	0	AKL	AN	P	C	A			_	_	3	1	ALL A	12 (4	(HA	-	cides	Ari	(5	crbic	-	(8)	/ bN	/ 60	/ 601	đ	D me	W	nandle:
Sampler Signatu	re:		-	-	_	-	_	_	_	-	1.12	THE	0.0		F		rbot	021	Ha	estic	VI.Y	icide	1 He	S	VOC	AHS	00.8	90.8	160	VEI	N	
		SAMI	PLING				MA	TR	IX			SER	VED	s (60	3	9	10 Iroci	0/8	Y (E	(CI F	10 5.	Pest	die C	0.0	0 (S	0 (P.	212	712	1009/0109/8	1055	160	
SAMPLE ID	LOCATION/ Field Point Name	Date	Time	# Containers	Type Containers	Water	Soil	Air	Sludge	UCE.	HCI	HND.	Other	HIEV & TPH as Ga	TPH as Diesel (8015) (2017-11 2017	Tutal Petraleum (31.6	Total Petroleum Hydrocarbons (418.1)	E.P.A. 502.2 / 601 / 8010 / 8021 (HVOCs)	MARRE / BTEN ONLY (EPA 602/5021) BY	· EPA 505/ 608 / 8081 (CI Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA S07 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic CI Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 /	Filter sample for DISSOLVED metals analysis	NA PH THALENE	
A- By										t				X	10×				×	2									×	124		
		J. du					V	+	+	X	1	+	+	Y		X			×	-	-								V		×	
B-1			1130				X	+	+	X	_	-	+	-	_	-	-		-	-	-	-	-						0		54	
X-3		<u> 2511(</u>	1130				^			Í				×		X			×										~		×	
** MAI clients MUST gloved, open air, sam allowing us to work s Relinquished By:	ple handling by !			sure in		n im								e cli		s sub	ject to		lega								nk y	ou fo	or you		dersta	
BELEW YIF Relinquished By:	R. A.	<u>1/25/11</u> Date:	Time: Time:	1		a	u	C	1	1	2-	8		G H D	OOE EAD ECH	SP/	NDIT ACE A RINA	TED	IN I		RS	_	1	C	be	e						nent
Relinquished By:		Date:	Time:	Rece	ived B	y:	_										ED IN	ve		0	&G	ME pH<		s	отн	ER						

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Contingent analyses

- Organic lead required if TTLC lead ≥ 13 mg/kg
- Aquatic bioassay required if any TPH (gasoline, diesel, or motor oil) ≥ 5,000 mg/kg
- TCLP benzene required if benzene ≥ 10 mg/kg
- TCLP and STLC required for metals per table below

Metal	Trigger level TTLC (mg/kg)	Requirement
Antimony	150	STLC required if TTLC $\geq 150 \text{ mg/kg}$
Arsenic	50/100	STLC required if TTLC \geq 50 mg/kg; STLC and TCLP required if TTLC \geq 100 mg/kg
Barium	1,000/2,000	STLC required if TTLC \geq 1,000 mg/kg; STLC and TCLP required if TTLC \geq 2,000 mg/kg
Beryllium	7.5	STLC required if TTLC \geq 7.5 mg/kg
Cadmium	10/20	STLC required if TTLC \geq 10 mg/kg; STLC and TCLP required if TTLC \geq 20 mg/kg
Chromium	50/100	STLC required if TTLC \geq 50 mg/kg; STLC and TCLP required if TTLC \geq 100 mg/kg
Cobalt	800	STLC required if TTLC \geq 800 mg/kg
Copper	250	STLC required if TTLC $\geq 250 \text{ mg/kg}$
Lead	50/100	STLC required if TTLC \geq 50 mg/kg; STLC and TCLP required if TTLC \geq 100 mg/kg
Mercury	2/4	STLC required if TTLC $\geq 2 \text{ mg/kg}$; STLC and TCLP required if TTLC $\geq 4 \text{ mg/kg}$
Molybdenum	350	STLC required if TTLC \geq 350 mg/kg
Nickel	200	STLC required if TTLC \geq 200 mg/kg
Selenium	10/20	STLC required if TTLC \geq 10 mg/kg; STLC and TCLP required if TTLC \geq 20 mg/kg
Silver	50/100	STLC required if TTLC \geq 50 mg/kg; STLC and TCLP required if TTLC \geq 100 mg/kg
Thallium	70	STLC required if TTLC \geq 70 mg/kg
Vanadium	240	STLC required if TTLC ≥ 240 mg/kg
Zinc	2,500	STLC required if TTLC ≥ 2,500 mg/kg

PLEASE CONTACT NATHAN LEE @ (510)420-3333 IF CAMIT RESULTS EXCEED ANY OF THE ABOVE TRIGGER LEVELS.

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	- 82	۲ <u>ــــــــــــــــــــــــــــــــــــ</u>	1

1534 Willow Pass Rd Pitteburg CA 94565 1701

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

(925) 252-9262				Work	Order: 11	01564	ClientC	Code: CETE			
	WaterTrax	WriteOn	EDF	Excel	Fa	x 🖌 Er	nail	HardCopy	ThirdPart	y 🔲 J-	flag
Report to:					Bill to:			Rec	uested TAT	: 1	day
Nathan Lee	Email: nle	e@craworld	l.com		Accoun	ts Payable					
Conestoga-Rovers & Associates	CC:				Conest	oga-Rovers &	Associate	es			
5900 Hollis St, Suite A	PO:				5900 H	ollis St, Ste. A		Dat	te Received	: 01/25/	2011
Emeryville, CA 94608	ProjectNo: #3	11956; 9-00	20		Emeryv	ille, CA 94608	1	Dat	te Printed:	01/25/	2011
(510) 420-3327 FAX (510) 420-917	70										
						Request	ed Tests	(See legend b	pelow)		
Lah ID Client II	ו	Matrix	Collection Date	Hold 1	2 3	4 5	6	7 8	Q 10	11	12

	Client ID	Watrix	Collection Date Hold	1	2	3	4	3	0	1	0	9	10	 12
1101564-001	B-1	Soil	1/25/2011 11:30	Α		Α	Α							
1101564-002	X-3	Soil	1/25/2011 11:30		А	А	Α							

Test Legend:

1	8260VOC_S	2	MBTEX-8260B_S
6		7	
11		12	

	3	PB_S
]	8	

_		
	4	TPH(DMO)WSG_S
	9	
•		

5	
10	

The following SampIDs: 001A, 002A contain testgroup.

Prepared by: Maria Venegas

Comments: 24hr Rush

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



McCampbell Analytical, Inc. "When Ouality Counts"

Sample Receipt Checklist

Client Name:	Conestoga-Rove	rs&As	sociates				Date a	and Ti	me Received:	1/25/2011	3:57:17 PM
Project Name:	#311956; 9-0020						Check	dist co	ompleted and re	eviewed by:	Maria Venegas
WorkOrder N°:	1101564	Matrix	<u>Soil</u>				Carrie	r:	Client Drop-In		
			<u>Chain</u>	of Cu	stody (C	:0C) I	nforma	<u>ition</u>			
Chain of custody	present?			Yes	\checkmark	١	No 🗆				
Chain of custody	signed when relinqui	shed and	I received?	Yes	\checkmark	١	No 🗆				
Chain of custody	agrees with sample la	abels?		Yes	✓	١	No 🗌				
Sample IDs noted	by Client on COC?			Yes	\checkmark	١	No 🗆				
Date and Time of	collection noted by Cli	ent on CO	CC?	Yes	✓	١	No 🗆				
Sampler's name r	noted on COC?			Yes	\checkmark	١	No 🗆				
Sample Receipt Information											
Custody seals int	tact on shipping contai	iner/coole	er?	Yes		١	No 🗆			NA 🔽	
Shipping containe	er/cooler in good cond	ition?		Yes	\checkmark	١	No 🗆				
Samples in prope	er containers/bottles?			Yes	✓	١	No 🗆				
Sample containe	rs intact?			Yes	\checkmark	١	No 🗆				
Sufficient sample	volume for indicated	test?		Yes	✓	٢	No 🗌				
		<u>Sar</u>	mple Preser	vatior	n and Ho	old Tin	<u>ne (HT)</u>) Info	ormation		
All samples recei	ved within holding time	ə?		Yes		١	No 🗌				
Container/Temp E	Blank temperature			Coole	r Temp:	11.2	°C			NA 🗆	
Water - VOA vial	ls have zero headspac	ce / no bi	ubbles?	Yes		١	No 🗆	No \	/OA vials subm	itted 🗹	
Sample labels ch	necked for correct pres	servation	?	Yes	✓	١	No 🗌				
Metal - pH accep	table upon receipt (pH	<2)?		Yes		١	No 🗆			NA 🗹	
Samples Receive	ed on Ice?			Yes	✓	١	No 🗆				
			(Ice Type	e: WE	TICE)					
* NOTE: If the "N	* NOTE: If the "No" box is checked, see comments below.										

Client contacted:

Date contacted:

Contacted by:

Comments:

McCampbell Ar		<u>c.</u>	W	eb: www.mcca	w Pass Road, Pittsburg, CA impbell.com E-mail: main e: 877, 252, 9262 Eax: 92	n@mccampbell.	com
Conestoga-Rovers & Associates		oject ID: #	Telephone: 877-252-9262 Fax: 925-252-9269 #311956; 9-0020 Date Sampled: 01/25/11				
		5			Date Received:		
5900 Hollis St, Suite A	Client C	ontact: Na	than Lee		Date Extracted:	01/25/11	
Emeryville, CA 94608	Client P.				Date Analyzed:		
		organics by	P&T and				
Extraction Method: SW5030B		lytical Method:		GC/MS		Work Order:	1101564
Lab ID	1101564-001A						
Client ID	B-1						g Limit for F =1
Matrix	S						
DF	1					S	W
Compound	Concentration						ug/L
Benzene	ND					0.005	NA
Ethylbenzene	ND					0.005	NA
Naphthalene	ND					0.005	NA
Toluene	ND					0.005	NA
Xylenes	ND					0.005	NA
	Surr	ogate Reco	overies (%)			
%SS1:	97						
%SS2:	108						
%SS3:	108						
Comments							
* water and vapor samples and all TCLP or product/oil/non-aqueous liquid samples in		reported in µ	ug/L, soil/slu	dge/solid sa	amples in mg/kg, wipe	samples in µ	g/wipe,
ND means not detected above the report	ng limit/method de	tection limit;	; N/A means	analyte not	applicable to this ana	lysis.	
# surrogate diluted out of range or surrog	ate coelutes with an	other peak.					
KSS - Percent Pecovery of Surrogate Sta							

%SS = Percent Recovery of Surrogate Standard

DF = Dilution Factor

<u>McC</u>	Campbell Analyti "When Ouality Counts"	ical, Inc.	Web: www.mccamp		: main@m	ccampbell.	com
Conestoga-Rove		Client Project ID:	Telephone: 877-252-9262 Fax: 925-252-9269 : #311956; 9-0020 Date Sampled: 01/25/11				
			Date Received: 01/25/11				
5900 Hollis St, Su	iite A	Client Contact: N	Jathan Lee	Date Extract	ted: 01	/25/11	
Emeryville, CA 94	1608	Client P.O.:		Date Analyz			
			atile Hydrocarbons as G	_		20/11	
Extraction method SW5		-	nethods SW8015Bm	asonne	Wa	ork Order:	1101564
Lab ID	Client ID	Matrix	TPH(g)		DF	% SS	Comments
001A	B-1	S	ND		1	91	
002A	X-3	S	ND		1	82	
-	ing Limit for DF =1;	W	NA			NA	<u> </u>
	ans not detected at or the reporting limit	S	1.0			mg/K	g

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

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

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

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



McCampbell An "When Ouality	<u>c.</u>	1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269								
Conestoga-Rovers & Associates		Client Pro	Client Project ID: #311956; 9-0020 Date Sampled:				01/25/11			
5900 Hollis St, Suite A						Date Received: 01/25/11				
		Client Co	ontact: Na	athan L	ee	Date Extracted:	01/25/11			
Emeryville, CA 94608		Client P.C	D.:			Date Analyzed:	01/25/11			
MTBE and BTEX by GC/MS*										
Extraction Method: SW5030B		Anal	ytical Method	: SW826	0B		Work Order:	1101564		
Lab ID	11015	64-002A								
Client ID	2	X-3					Reporting DF			
Matrix		S								
DF		1					S	W		
Compound				Conce	entration		mg/kg	ug/L		
Benzene		ND					0.005	NA		
Ethylbenzene		ND					0.005	NA		
Toluene		ND					0.005	NA		
Xylenes		ND					0.005	NA		
		Surro	ogate Rec	overies	s (%)					
%SS1:		97								
%SS2:		108								
Comments										
* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.										
ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.										
# surrogate diluted out of range or coelut	es with a	nother peak	x; &) low su	rrogate	due to matrix inter	ference.				

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

	1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269								
Conestoga-Rovers & Associates Client Project I				: #311956; 9-0020 Date Sampled: 01/25/11					
5900 Hollis St	Suite A					Date Received:	01/25/11		
	,	Client Contact	t: Na	than Lee		Date Extracted:	01/25/11		
Emeryville, CA	A 94608	Client P.O.:				Date Analyzed:	01/26/11		
		·	Lea	nd by ICP*					
Extraction method:	SW3050B		Analyt	ical methods: SW60	10B			Work Ord	ler: 1101564
Lab ID	Client ID	Ma	ıtrix	Extraction Type		Lead	DF	% SS	Comments
1101564-001A	B-1	5	S	TOTAL		8.6	1	104	
1101564-002A	X-3	2	S	TOTAL		6.6	1	103	

Reporting Limit for $DF = 1$;	W	TOTAL	NA	μg/L
ND means not detected at or	S	ΤΟΤΑΙ	5.0	ma/Va
above the reporting limit	5	IUIAL	5.0	mg/Kg

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

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

TOTAL = Hot acid digestion of a representative sample aliquot.

TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.

DISS = Dissolved metals by direct analysis of 0.45 μ m filtered and acidified sample.

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



McCampbell Analytical, Inc. "When Ouality Counts"					1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269						
Conestoga-Rov	ers & Associates	Client	Project I	D: #3	#311956; 9-0020 Date Sampled: 01/25/11						
5000 Hollie St. S	5900 Hollis St, Suite A						Date Received:	01/25/	11		
<i>3900</i> Hollis St, S	Clien	t Contact	t: Nat	han Lee		Date Extracted:	01/25/	11			
Emeryville, CA 9	94608	Client	P.O.:				Date Analyzed:	01/25/	11		
		Extractabl			drocarbons with	Silica	Gel Clean-Up*	× 7	101	1101564	
Extraction method: S	W3550B/3630C		Analytica		s: SW8015B	_		We	ork Order:	1101564	
Lab ID	Client ID		Matrix	Т	PH-Diesel (C10-C23)]	(C18-C36)	DF	% SS	Comments	
1101564-001A	B-1		S		12		72	1	112	e7,e2	
1101564-002A	X-3		S		ND		ND	1	112		

Reporting Limit for $DF = 1$;	W	NA	NA	ug/L
ND means not detected at or above the reporting limit	S	1.0	5.0	mg/Kg

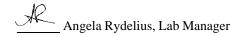
* water samples are reported in μ g/L, wipe samples in μ g/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in μ g/L.

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

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

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

e2) diesel range compounds are significant; no recognizable patterne7) oil range compounds are significant





"When Ouality Counts"

QC SUMMARY REPORT FOR SW8260B

MSD % Rec. 113	MS-MSD % RPD 2.66	LCS % Rec. 114	% Rec.	S LCS-LCSD % RPD	•	eptance	: 1101543-0 Criteria (%)	
% Rec.	% RPD	% Rec.	% Rec.			•	. ,	
				% RPD	MS / MSD	RPD	LCS/LCSD	RPD
113	2.66	114	114					1
		111	114	0	70 - 130	30	70 - 130	30
108	0	110	109	1.18	70 - 130	30	70 - 130	30
116	2.63	116	116	0	70 - 130	30	70 - 130	30
95	0	96	94	1.53	70 - 130	30	70 - 130	30
103	0	104	102	1.12	70 - 130	30	70 - 130	30
6	116 95 103	116 2.63 95 0 103 0	116 2.63 116 95 0 96 103 0 104	116 2.63 116 116 95 0 96 94 103 0 104 102	116 2.63 116 116 0 95 0 96 94 1.53 103 0 104 102 1.12	116 2.63 116 116 0 70 - 130 95 0 96 94 1.53 70 - 130	116 2.63 116 116 0 70 - 130 30 95 0 96 94 1.53 70 - 130 30 103 0 104 102 1.12 70 - 130 30	116 2.63 116 116 0 70 - 130 30 70 - 130 95 0 96 94 1.53 70 - 130 30 70 - 130 103 0 104 102 1.12 70 - 130 30 70 - 130

			BATCH 55785 SU	<u>IMMARY</u>			
Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101564-001A	01/25/11 11:30 AM	01/25/11	01/25/11 9:24 PM	1101564-002A	01/25/11 11:30 AM	01/25/11	01/25/11 10:03 PM

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

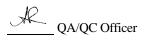
% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate. NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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







"When Ouality Counts"

QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil			QC Matri	x: Soil			Batch	ID: 55736		WorkC	Order 11015	64
EPA Method SW8015Bm	Extra	ction SW	5030B					5	Spiked Sar	nple ID	: 1101485-0	01A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)	1
Analyte	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex ^f	ND	0.60	119	112	6.30	120	126	4.78	70 - 130	20	70 - 130	20
MTBE	ND	0.10	115	112	2.95	116	116	0	70 - 130	20	70 - 130	20
Benzene	ND	0.10	96.9	94.6	2.39	94.8	93.6	1.29	70 - 130	20	70 - 130	20
Toluene	ND	0.10	93.8	91.7	2.18	92.6	90.4	2.34	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	93.7	91.2	2.71	93	90.6	2.59	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	93.5	90.6	3.18	92.8	90.5	2.57	70 - 130	20	70 - 130	20
%SS:	77	0.10	99	96	2.49	93	93	0	70 - 130	20	70 - 130	20
All target compounds in the Metho NONE	od Blank of this	extraction	batch we	re ND les	s than the	method R	L with th	e following	exceptions:			

BATCH 55736 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101564-001A	01/25/11 11:30 AM	01/25/11	01/26/11 7:43 AM	1101564-002A	01/25/11 11:30 AM	01/25/11	01/26/11 7:13 AM

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

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

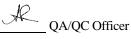
MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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





<u>McCampbell Analytical, Inc.</u>

"When Ouality Counts"

QC SUMMARY REPORT FOR 6010B

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 1101564 EPA Method SW6010B Extraction SW3050B BatchID: 55738 Spiked Sample ID: 1101494-004A MSD MS-MSD LCSD LCS-LCSD Sample Spiked MS Spiked 1 CS Acceptance Criteria (%) Analyte % Rec. MS / MSD RPD LCS/LCSD RPD % Rec. % RPD % Rec. % RPD mg/Kg mg/Kg % Rec. mg/Kg Lead 25 50 89.2 96.4 5.09 10 110 97.2 12.4 75 - 125 25 75 - 125 25 92 0.955 %SS: 500 88 92 4.29 500 99 100 70 - 130 20 70 - 130 20 All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE

BATCH 55738 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101564-001A	01/25/11 11:30 AM	01/25/11	01/26/11 9:13 AM	1101564-002A	01/25/11 11:30 AM	01/25/11	01/26/11 9:15 AM

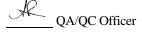
MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

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

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

N/A = not applicable to this method.

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





"When Ouality Counts"

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil			QC Matri	x: Soil			Batch	ID: 55807		WorkC	Order 11015	64
EPA Method SW8015B	Extra	ction SW	3550B/36	630C				5	Spiked Sar	nple ID	: 1101563-0	01A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)	
, mary to	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	14,000	40	NR	NR	NR	118	119	1.51	70 - 130	30	70 - 130	30
%SS:	#	25	#	#	N/A	84	83	1.08	70 - 130	30	70 - 130	30
All target compounds in the Metho NONE	od Blank of this	extraction	batch we	re ND les	s than the	method R	L with th	e following	exceptions:			

BATCH 55807 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101564-001A	01/25/11 11:30 AM	01/25/11	01/25/11 8:05 PM	1101564-002A	01/25/11 11:30 AM	01/25/11	01/25/11 11:29 PM

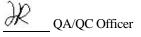
MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

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

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

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

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



McCampbell A		1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269
Conestoga-Rovers & Associates	Client Project ID: #311956;	9-0020 Date Sampled: 01/26/11
		Date Received: 01/26/11
5900 Hollis St, Suite A	Client Contact: Nathan Le	e Date Reported: 01/27/11
Emeryville, CA 94608	Client P.O.:	Date Completed: 01/27/11

WorkOrder: 1101610

January 27, 2011

Dear Nathan:

Enclosed within are:

1) The results of the 1 analyzed sample from your project: #311956; 9-0020,

2) A QC report for the above sample,

3) A copy of the chain of custody, and

4) An invoice for analytical services.

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

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

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

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	bsite: <u>www.mc</u>	PITTSBU wannahel	RG, CA 94 Leom En	565-17 ailt m	UI aintái	#* mcc	smn	с. bell.c	om	2 88 9	8 63	1996	3497 T	1000	d a	4	Ş.,							RUS		:24			48 H		721	
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Project #: 21/4	<u>156</u>			rojec					I have					Ŷ	1.5	14	103	^o	1 80	1	racit		icide.			NV.	010	010		neta	VA.	handle:
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	21	SAMI	PLING		92	<u> </u>	MA	rriy	Ś		ESE			97X (9)		14	dro	/ 010	N.	2	B*54	24 4	cidik	260)	042	310-	14 A	11 A	1 60	NSSI	20	
	LOCATION			8.	Type Containers								ĺ	WWW & TPH as Cas (Subselies) (TPH as Diesel (8015)	Tatai Petroleum Oli & Grunerthast 2520 ERAP	Tetal Petroleum (1841)	EPA 502.27 (601 / 8010 / 8021 (HVOCs)	MUBELBYEN ONLY-(EPA 602/3021)-	EPA-SUS/(608//8081 (CI Proticides)	EPA 608 (8081) PCB's ONLY, Aracters / Congeners	EPA 507 / 8141 (NP Pesticides)	KPA 315/ 3151 (Acidie Cl Herbieldes)	EPA 524.27 6247 8268 (VOCs)	EPA 515.1 / 625 / 8270 (SVOC)	LEVA 3270 SIM / 3310 (PAHs / PNAs)	CAM 17 Metuls (2007/2008/6010/6020)	L.U.F.T & Metads (200.7 / 200.8 / 6010 / 6020)	Lead (200.77/200.87/60107/6020)	Fifter sample for DISSOLVED metals analysis		
SAMPLE ID	Field Point			# Containers	nta			.*						H.J.J	set	oleur	oleu	10	J.E.	6139		818	815	2163	3.6	0 Sil	Mcta	Hela	121	aple	0	
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McCampbell Analyt	tical, Inc	2.			C	HA	N-	OF	-Cl	JS'	TOD	Y RE	CO	RD		Page	1 of	1
1534 Willow Pass Rd Pittsburg, CA 94565-170	01		/ · · · · · · · · · · · · · · · · · · ·			Work	ord	er:	11016	10	C	ClientCo	ode: C	ETE				
(925) 252-9262		□WaterTrax		EDF	Ľ	Excel			Fax		🖌 Email		[] Hard	Сору	Third	lParty	[]]-	flag
Report to:			•			•	Bill (Requ	ested	ΤΑΤ:	1	day
Nathan Lee Conestoga-Rovers & Asso 5900 Hollis St, Suite A Emeryville, CA 94608	ociates 10) 420-9170	cc: PO: ProjectNo:	nlee@crawor #311956; 9-0					Con 5900	ounts P estoga) Hollis ryville,	-Rov St, S	ers & As Ste. A	sociate	S		e Recei e Print		01/26/ 01/26/	
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Lab ID	Client ID		Matrix	Collection Date	Hold	1	2	2	3	4	5	6	7	8	9	10	11_	12
1101610-001	OT-2		Oil	1/26/2011 11:00		A	A	A T	Α	A								
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Comments:																		
NC)TE: Soil sar	nples are disca	arded 60 days a Hazardous sam	fter results are repo nples will be returne	orted un d to clie	iless ot ent or c	her ar lispos	rrang sed of	ements f at cliei	are n nt exp	ade (Wal ense.	ter samp	les are	30 days).			
																	Pag	e 3 of

"When Ouality Counts"

 1534 Willow Pass Road, Pittsburg, CA 94565-1701

 Web: www.mccampbell.com

 E-mail: main@mccampbell.com

 Telcphone: 877-252-9262

 Fax: 925-252-9269

Sample Receipt Checklist

Client Name:	Conestoga-Rov	vers & Associates	-		Date an	d Time Received:	1/26/2011	3:48:53 PM		
Project Name:	#311956; 9-002	0			Checkli	st completed and r	eviewed by:	Melissa Valles		
WorkOrder N°:	1101610	Matrix <u>Oil</u>			Carrier:	Client Drop-In				
		<u>Chai</u>	n of Cu	stody (C	<u>OC) Informat</u>	ion				
Chain of custody	/ present?		Yes	✓	No 🗆					
Chain of custody	/ signed when relind	uished and received?	Yes	✓	No 🗆					
Chain of custody	agrees with sampl	e labels?	Yes	✓	No 🗌					
Sample IDs noted	d by Client on COC?		Yes	✓	No 🗆					
Date and Time o	f collection noted by	Client on COC?	Yes		No 🗆			· · · · · · · · · · · · · · · · · · ·		
Sampler's name	noted on COC?		Yes		No 🗆		·····			
<u>nanji Bornako Longo</u> Soloviji Koloviji		<u>,</u>	Sample	Receipt	<u>Information</u>	<u>n i vaan nin naar</u> intaa	ning of the state	<u></u>	<u></u>	
Custody seals in	ntact on shipping cou	ntainer/cooler?	Yes		No 🗆		NA 🗹			
Shipping contair	ner/cooler in good co	ondition?	Yes	\checkmark	No 🗆					
Samples in prop	er containers/bottle	s?	Yes	✓	No 🗆					
Sample containe	ers intact?		Yes		No 🗆					
Sufficient sampl	e volume for indicat	ed test?	Yes		No 🗌					
		Sample Pres	ervatio	n and Ho	old Time (HT)	Information			1	
All samples rece	eived within holding		Yes		No 🗆					
	Blank temperature		Coole	er Temp:	19°C		NA 🗆			
		space / no bubbles?	Yes		No 🗆	No VOA vials subr	nitted			
	checked for correct		Yes		No					
•	ptable upon receipt		Yes		No 🗆		NA 🗹			
Samples Receiv	•		Yes	✓	No 🗆		• •			
·		(Ice T	ype: Wi	ET ICE)					
* NOTE: If the '	"No" box is checked	l, see comments below	v.							
					====:				===	

Client contacted:

Date contacted:

Contacted by:

Comments:

McCampbell Analytical, Inc. 1534 Willow Pass Road, Pittsburg, CA 94565-1701 "When Ouality Counts" Web: www.inccampbell.com Telephone: 877-252-9262 Conestoga-Rovers & Associates Client Project ID: #311956; 9-0020 Date Sampled: 01/26/11							
Jonesi			ect ID: #31195				
	oga-Rovers & Associates	Chefit 110j	cu ID. #31175	0, 9-0020		ved: 01/26/11	<u> </u>
5900 H	Iollis St, Suite A				·	ted: 01/26/11	
		Client Cor	ntact: Nathan I	,ee			
Emery	ville, CA 94608	Client P.O	.:		Date Analy	zed: 01/27/11	
Extractic	Po on Method: SW3550B	ychlorinated Bip	henyls (PCBs)		C-ECD*	Work Order:	1101610
	Lab ID	1101610-001A	- <u></u> .				
	Client ID	OT-2				Reporting	Limit for =1
	Matrix	0					
	DF	5				о. 	. W
J.	Compound		Con	centration		mg/L	ug/L
Aroclo	r1016	ND<25	Karanan (an ing panganganganganganganganganganganganganga		<u>amoliyad</u> <u>base kikeyi ja kitey</u>	5.0	NA
Aroclo	r1221	ND<25				5.0	NA
Aroclo	r1232	ND<25				5.0	NA
Aroclo	r1242	ND<25				5.0	NA
Aroclo	pr1248	ND<25				5.0	NA
Aroclo	pr1254	ND<25				5.0	NA
Aroclo	pr1260	ND<25				5.0	NA
PCBs,	total	ND<25				5.0	NA
		Surr	ogate Recoveri	es (%)			
%SS	:	95					
Comn	nents	a2,h4					

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.					1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com						
"When Ouality	Counts"				Telephone: 8	77-252-9262 Fax: 92	25-252-9269				
Conestoga-Rovers & Associates	Client Project ID:			: #3119	956; 9-0020	Date Sampled: 01/26/11					
5000 II-11:- 0+ 0-14- A						Date Received: 01/26/11					
5900 Hollis St, Suite A		Client Contact: Nathan Lee				Date Extracted: 01/26/11					
Emeryville, CA 94608		Client P	0.			Date Analyzed: 01/26/11					
	Volati	le Organ	ics by P	&T and	l GC/MS (Basic Ta	arget List)*					
Extraction Method: SW5030B	Analytical Method: SW8260B Work Order: 1101610										
Lab ID	1101610-001A										
Client ID	1	OT-2									
Matrix					Oi	1					
Compound	Concen	Concentration * DF ^B ND<250 5.0		Reporting Limit	Compour	nd	Concentration *	DF 5.0	Reporting Limit 5.0		
Acetone				50	tert-Amyl methyl e	ther (TAME)					
Benzene	45		5.0	5.0	Bromobenzene		ND<25	5.0	5.0		
Bromochloromethane	ND<25		5.0	5.0	Bromodichlorometh	iane	ND<25	_5.0	5.0		
Bromoform	ND<25		5.0	5.0	Bromomethane		ND<25	5,0	5.0		
2-Butanone (MEK)	ND<100		5.0	20	t-Butyl alcohol (TB	A)N	D<250	5.0	50		
n-Butyl benzene	250		5.0	.5.0	sec-Butyl benzene		76	5.0	5.0		
tert-Butyl benzene	ND<25		5.0	5.0	Carbon Disulfide		ND<25	5.0	5.0		
Carbon Tetrachloride	ND<255.0		5.0	Chlorobenzene		ND<25	5.0	5.0			
Chloroethane	ND<25 5.0 5.0 Chloroform			ND<25	<u>5.0</u>	5.0					
Chloromethane)<25	5.0	5.0	2-Chlorotoluene		<u>ND<25</u> ND<25	5.0	5.0		
4-Chlorotoluene	ND<25		5.0	5.0	Dibromochloromet	1.2-Dibromoethane (EDB)		5.0	5.0		
1.2-Dibromo-3-chloropropane	ND<25 ND<25		5.0	5.0	1.2-Dichlorobenzene		<u>ND<25</u> ND<25	5.0	5.0		
Dibromomethane			5.0	5.0			ND<25	5.0	5.0		
1,3-Dichlorobenzene Dichlorodifluoromethane	ND<25 5.0 5.0 ND<25 5.0 5.0		1.1-Dichloroethane		ND<25	5.0	5.0				
1.2-Dichloroethane (1.2-DCA)			5.0	5.0	1.1-Dichloroethene		ND<25	5.0	5.0		
cis-1.2-Dichloroethene	ND<25		5.0	5.0	trans-1,2-Dichloroethene		ND<25	5.0	5.0		
1.2-Dichloropropane	ND<25		5.0	5.0	1,3-Dichloropropane		ND<25	5.0	5.0		
2.2-Dichloropropane	ND<25		5,0	5.0	1,1-Dichloropropene		ND<25	5:0	5.0		
cis-1,3-Dichloropropene	ND<25		5.0	5.0	trans-1,3-Dichloropropene		<u>ND<25</u> 210	5.0	5.0		
Diisopropyl ether (DIPE)	ND<25		. 5.0	5.0	Ethylbenzene			_5.0	5.0		
Ethyl tert-butyl ether (ETBE)	-1)<25	5.0	5.0	Freon 113	· · · · ·	ND<500	5.0	100		
Hexachlorobutadiene	_	D<25	5,0	5.0	Hexachloroethane		ND<25	5.0	5.0		
2-Hexanone		D<25	5.0	5.0	Isopropylbenzene		59 ND <25	5.0	<u>5.0</u> 5.0		
4-Isopropyl toluene		D<25	5.0	5.0	Methyl-t-butyl eth		<u>ND<25</u> ND<25	5.0	5,0		
Methylene chloride	- <u>N</u>	D<25	5.0	5.0	4-Methyl-2-pentan	one (MIBK)	ND<25 160	5.0	5.0		
Naphthalene		<u>900</u> D<25	<u>5.0</u> 5.0	5.0	<u>n-Propyl benzene</u> 1.1.1.2-Tetrachlor	oethane	ND<25	5.0	5.0		
Styrene		D<25 D<25	5.0	5.0	Tetrachloroethene		ND<25	5.0	5.0		
1,1,2,2-Tetrachloroethane Toluene	<u></u> . <u>_N</u> .	<u>430</u>	5.0	5.0	1,2,3-Trichloroben		ND<25	5.0	5.0		
1.2.4-Trichlorobenzene	N		5.0	5.0	1,1,1-Trichloroeth		ND<25	5.0	5.0		
1,1,2,4-1 richloroethane		D<25 D<25	5.0	5.0	Trichloroethene		ND<25	5.0	5.0		
Trichlorofluoromethane		D<25	5.0	5.0	1,2,3-Trichloropro	pane	ND<25	5.0	5,0		
1.2.4-Trimethylbenzene		1700	5.0	5.0	1,3,5-Trimethylbe	nzene	450	5.0	5.0		
Vinyl Chlotide	N	D<25	.5.0	5.0	Xvlenes		1400	5.0	5.0		
			Suri	rogate R	ecoveries (%)	<u></u>					
%SS1:			79		%SS2:			97			
%SS3:			92								

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

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

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

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

Conestoga-Rovers & Associates	Client Pro	oject ID: #3	11956; 9-0020	Date Sample	Date Sampled: 01/26/11 Date Received: 01/26/11			
				Date Receive				
5900 Hollis St, Suite A	Client Co	ontact: Nat	han Lee	Date Extracted: 01/26/11				
				Date Analyzed 01/27/11				
Emeryville, CA 94608	Client P.	<u> </u>						
	(CAM / CCR	17 Metals*					
Lab ID	1101610-001A				Reporting Lin	nit for DF =1		
Client ID	OT-2				ND means n	ND means not detected above the reporting limit		
Matrix	0			·	0	w		
Extraction Type	TOTAL				mg/L	mg/L		
		P Metals, Co traction Method:	ncentration*		Work Order:	1101610		
Analytical Method: SW6020 Dilution Factor	1		<u></u>		1	1		
	ND				0.5-	NA		
Antimony Arsenic	ND ND				0.5	NA -		
	98				5.0	NA		
Barium Beryllium	ND				0.5	NA		
	0.80				0.25	NA		
Cadmium	0.80 ND				0.5	NA		
Chromium	ND	· · · ·			0,5	NA		
Cobalt	3.6		_		0.5	NA		
Copper	500				0.5	NA		
Mercury	ND				0.05	NA		
Molybdenum	ND				0.5	NA		
Nickel	ND				0.5	NA		
Selenium	ND				0.5	NA		
Silver	ND				0.5	NA		
Thallium	ND	-			0.5	NA		
Vanadium	ND	-			0.5	NA		
Zinc	330				5.0	NA		
%SS:	103							
, 7033,								
	······································							

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

TOTAL = Hot acid digestion of a representative sample aliquot.

TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.

DISS = Dissolved metals by direct analysis of 0.45 μ m filtered and acidified sample.

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

	ampbell Analy "When Ouality Coun		Web: www.mccamp	Pass Road, Pittsburg bbell.com E-mail: 377-252-9262 Fa	main@mc	campbell.c	om
Conestoga-Rover	s & Associates	Client Project ID:	#311956; 9-0020	Date Sample	:d: 01/	26/11	
				Date Receiv	ed: 01/	26/11	
5900 Hollis St, Sui	te A	Client Contact: N	athan Lee	Date Extract	ed: 01/	26/11	
Emeryville, CA 94	608	Client P.O.:	\$	Date Analyz	ed 01/	26/11	
<u> </u>	Gasoline	Range (C6-C12) Vola	ntile Hydrocarbons as C	Gasoline*			
xtraction method SW50	030B	Analytical	nethods SW8015Bm		Wo	rk Order:	1101610
Lab ID	Client ID	Matrix	TPH(g)		DF	% SS	Comme
001A	OT-2	0	72,000		20	#	d7
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			- <u> </u>				-
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	··· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ··		·····			+	
Dorort	ing Limit for DF =1;	W	NA	······································	1	 N/	 \
ND me	ans not detected at or the reporting limit	W O	500			mg	

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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

d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram

Angela Rydelius, Lab Manager

Same	pbell Analy "When Quality Counts		Web: www.mcc					
Conestoga-Rovers & /	Associates	Client Project II	D: #311956; 9-0020	Date Sampled:	01/26/	11	- -	
				Date Received:	01/26/	11 ·		
5900 Hollis St, Suite A		Client Contact	: Nathan Lee	Date Extracted:	01/26/	11		
Emeryville, CA 94608	\	Client P.O.:		Date Analyzed: 01/27/11				
Extraction method: SW3550E			um Hydrocarbons with Si I methods: SW8015B	lica Gel Clean-Up*	w	ork Order:	1101610	
Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS	Comments	
1101610-001A	OT-2	0	130,000	380,000	10	109	e7,e11,e2	
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	·····							
Reporting J	Limit for DF =1;	w	NA	NA		 uį	ŗ/L	
	not detected at or reporting limit	0	2000	10000		m	g/L	

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager



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

QC SUMMARY REPORT FOR SW8082

WorkOrder 1101610 BatchID: 55781 QC Matrix: Soil W.O. Sample Matrix: Oil Spiked Sample ID: 1101538-019A Extraction SW3550B EPA Method SW8082 LCS-LCSD Acceptance Criteria (%) MSD MS-MSD LCS LCSD Spiked MS Sample Analyte RPD LCS/LCSD % RPD MS / MSD RPD % RPD % Rec. % Rec. mg/kg % Rec. % Rec. mg/kg 3,73 70 - 130 20 70 - 130 20 90.5 0.715 87.2 ND 0.15 89.1 88.3 Aroclor1260 70 - 130 70 - 130 20 101 1.81 20 0.050 121 122 0.933 103 119 %SS: All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE

BATCH 55781 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed	 _
1101610-001A	01/26/11 11:00 AM	01/26/11	01/27/11 11:29 AM					

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

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

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

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

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

DHS ELAP Certification 1644

A QA/QC Officer



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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Oil		C	QC Matrix	c: Soil			Batch	ID: 55785		WorkC	order 11016	10
EPA Method SW8260B	Extrac	ction SW	5030B	_			-	S	piked San	nple ID	: 1101543-0	02b
	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%)	1
Analyte	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	84.9	84.1	0.897	96.8	95.4	1.45	70 - 130	30	70 - 130	30
Benzene	ND	0.050	110	113	2.66	114	114	0	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	87.8	88.9	1.29	91.9	88.7	3.50	70 - 130	30	70 - 130	· 30
Chlorobenzene	ND	0.050	109	110	1.36	110	110	0	70 - 130	30	70 - 130	30
1.2-Dibromoethane (EDB)	ND	0.050	95.9	96.9	1.06	98.4	97.2	1.23	70 - 130	30	70 - 130	30
1.2-Dichloroethane (1,2-DCA)	ND	0.050	100	100	0	103	102	1.26	70 - 130	30	70 - 130	30
1.1-Dichloroethene	ND	0.050	119	121	1.97	121	121	0	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	0.050		118	1.48	119	118	0.854	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	101	102	0.930	103	102	0.868	70 - 130	30	70 - 130	30
Methyl=t=butyl=ether=(MTBE)	ND	0.050	108	1.08	0	11.0	1.09	118	70 - 130	30	70 - 130	30
Toluene	ND	0.050	113	116	2.63	116	116	0	70 - 130	30	70 - 130	30
Trichloroethene	ND	0.050	114	119	3.86	119	118	0.594	70 - 130	30	70 - 130	30
%SS1:	81	0.13	95	95	. 0	96	94	1.53	70 - 130	30	70 - 130	30
%SS2:	108	0.13	103	103	0	.104	102	1.12	70 - 130	30	70 - 130	30
%SS3.	96	0.0139	1	93	1.85	92	92	Ó	70 - 130	30	70 - 130	30

			<u>BATCH 55785 SU</u>	<u>JMMARY</u>			•	
Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed	
1101610-001A	01/26/11 11:00 AM	01/26/11	01/26/11 6:43 PM					

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

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

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

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

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

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

K____QA/QC Officer



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QC SUMMARY REPORT FOR SW6020

W.O. Sample Matrix: Oil

QC Matrix: Soil

WorkOrder 1101610

EPA Method SW6020			Extract	ion SW3	050B		BatchID	: 55815	Spike	ed Sample	ID:	1101572-01	1A
Arrahar	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acce	eptance	e Criteria (%	,) ·
Analyte	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Antimony	1.3	50	105	104	1.03	10	99.6	100	0.800	75 - 125	20	75 - 125	20
Arsenic	14	50	106	103	2.57	10	110	112	2,61	75 - 125	20	75 - 125	20
Barium	. 110	500	103	102	0.573	100	99.6	101	1.82	75 - 125	20	75 - 125	20
Beryllium	0.53	. 50	97.5	97.9	0.425	10	108	110	2.29	75 - 125	20	75 - 125	20
Cadmium	0.96	50	105	106	0.726	10	107	108	1.39	75 - 125	20	75 - 125	20
Chromium	48	50	93.3	94.2	0.483	10	110	110	0	75 - 125	20	75 - 125	20
Cobalt	11 .	50	96.7	96.5	0.118	10	114	116	1.82	75 - 125	20	75 - 125	20
Copper	40	- 50	101	98.7	1.08	10		114	2.50	75 - 125	20	75 - 125 -	_ 20
Lead	25	50	107	106	0.102	10	105	108	2.64	75 - 125	20	75 - 125	20
Мегсигу	0.081	1.25	106	106	0	0.25	111	115	3.19	75 - 125	<u> </u>	75 - 125	20
Molybdenum	1.1	50	104	103	0.680	<u>10 </u>	99.4	102	2.71	75 - 125	20	75 - 125	20
Nickel	69	50	102	99.7	1.17	10	110	110	0	75 - 125	. 20	75 - 125.	20
Selenium	ND	50	108	105	3.36	10	114	.115	0.175	75 - 125	20	75 - 125	20
Silver	ND	50	103	103	0	10	105	106	0.570	75 - 125	20	75 - 125	20
Thallium	, ND	50.	95	98.4	3.54	10	101	105	3.59	75 - 125	20	75 - 125	20
Vanadium	57	50	97.7	98.1	0.189	10	107	109	2.59	75 - 125	20	75 - 125	2
Zinc	110	500	106	104	0.948	100	115	117	1.46	75 - 125	20	75 - 125	2
%SS:	99	500	105	102	3.38	500	100	103	2.43	70 - 130	20	70 - 130	2

•			BATCH 55815 SL	JMMARY			
Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted Date Analyzed	ור
1101610-001A	01/26/11 11:00 AM	01/26/11	01/27/11 8:45 AM	1101610-001A	01/26/11 11:00 AM	01/26/11 01/27/11 10:47 AM	1

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

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

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

N/A = not applicable to this method.

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

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QA/QC Officer



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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Oil		QC Matrix: Soil						BatchID: 55736			WorkOrder 1101610			
EPA Method SW8015Bm	Extrac	ction SW	5030B				Spiked Sample ID: 1101485-00							
Amelula	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%)			
Analyte	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD		
TPH(btex ^f	ND	0.60	119	112	6.30	120	126	4.78	70 - 130	20	70 - 130	20		
MTBE	ND	0.10	115	112	2.95	116	116	0	70 - 130	20	70 - 130	- 20		
Benzene	ND	0.10	96.9	94.6	2.39	94.8	93.6	1.29	70 - 130	20	70 - 130	20		
Toluene	ND	0.10	93.8	91.7	2.18	92.6	90.4	2.34	70 - 130	20	70 - 130	20		
Ethylbenzene	ND	0.10	93.7	91.2	2.71	93	90,6	2.59	70 - 130	20	70 - 130	20		
Xylenes	ND	0.30	93.5	90.6	3.18	92.8	90.5	2.57	70 - 130	20	70 - 130	20		
%SS:	77	0.10	99	96	2.49	93	93	0	70 - 130	20	70 - 130	20		
-All target compounds in the Method	Blank of this	extraction	batch-we	re ND-le	ss than the	method F	RL with th	ne following	exceptions:		<u> </u>			
NONE														

			BATCH 55736 SL	JMMARY			
Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101610-001A	01/26/11 11:00 AM	01/26/11	0 <u>1/26/11 6:53 PM</u>		 	· · · · · ·	

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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



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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Oil			QC Matrix		<u> </u>		Batch	D: 55807	WorkOrder 1101610 Spiked Sample ID: 1101563-001A			
EPA Method SW8015B	Extra	ction SW	3550B/36	530C					Spiked San	iple ID	: 1101563-0	01A
Analuta	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%)	
Analyte	mg/Kg mg/Kg % Rec. % Rec. % RPD %					% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
PH-Diesel (C10-C23)	14,000	40	NR	NR	NR	118	119	1.51	70 - 130	30	70 - 130	30
%SS:	#	25	#	#	N/A	84	83	1.08	70 - 130	30	70 - 130	30

			<u>BATCH 55807 SI</u>	<u>UMMARY</u>				
 Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed	
 1101610-001A	01/26/11 11:00 AM	01/26/11	01/27/11 10:36 AM	ļ				J .

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

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

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

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

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

DHS ELAP Certification 1644

A QA/QC Officer

	McCampbell Analytical, Inc. 1534 Will "When Ouality Counts" Telephone					
Conestoga-Rovers & Associates	Client Project ID: #311956	; 9-0020	Date Sampled:	01/26/11		
			Date Received:	01/26/11		
5900 Hollis St, Suite A	Client Contact: Nathan Le	ee	Date Reported:	01/27/11		
Emeryville, CA 94608	Client P.O.:		Date Completed:	02/02/11		

WorkOrder: 1101610 B

February 02, 2011

Dear Nathan:

Enclosed within are:

1) The results of the 1 analyzed sample from your project: #311956; 9-0020,

2) A QC report for the above sample,

3) A copy of the chain of custody, and

4) An invoice for analytical services.

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

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

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

We we	bsite: <u>www.mc</u> ephone: (877	(534 WII PITTSBU <u>campbell</u>) 252-92	.LOW PAS RG. CA 94 L <u>com</u> Em 62	SS RO. 565-17	vD 01 ain@ Fax:	// mcc (92	(/) amp (5) 2	(4) ibell 152-	() .com 926!	1 9			ž	1000	See Const	eq			OU r E	H/ ND DF		AE P C	DF		Q ISH E	2 XCC			ر 481 Wr) HR ite ad "	7 On	0 2 H (D bag	Comments
Company: <u>COA</u> Tele: (<u>S</u> (D) 4 Project #: <u>3</u> //4 Project Location:	(ESTORA) 10 0100 154 1433 11/41		ZSZZZ E F P	:2 -Mai ax: (rojec	425 : 41 <u>67</u> 2 t Nan	22 /20) 4 ne:	ia E Zi	2 <i>6</i> 6 2 2	\$ <u>8</u>	<u>in i</u> inge		<u> </u>	201	N	AND LOUSY MATTER	VITH SULLAN CONST	are (1664) - Scall Faller) 7 - 7 - 2 - 2 - 2 - 2 - 2 - 5	mus (418,4)	1(IINWS)		al a construction of the second s		1887) 1880	A PART IN THE REAL OF A PART OF A PART OF A PA	0. st	BL / PNAM	0.8 / 4010 / 6420)	1.8 / 6018 / 6020)	(6020)	VED metals analysis			**Indicate here if these samples are potentially dangerous to has dig
Sampler Signatur	e: LOCATION Field Point Name	SAMI Date	LING Time	# Containers	lype Containers	-	MA				RE	SER	ID0 SVE		BURK & TPH IN CAS (BREAUS)	TPH as Diesel (8015) 🔬 17	Total Petroleum Od & Crasse (1994) 2340 AdaV)	Total Petroleum (lydrosartions (413,4	EPA 302.27 601 / 30107 8021 (HVOC))					RAF CA. (34. 27. 5. 5. 7. 2. 1		EPA 3270 SIM (\$310 (PAHS / PNAM	CAM 17 Metals (200.7 / 200.3 / 6010 / 6020)	LL FT S Artists (2002 / 280.3 / 6010 / 6020)	Lend (200.7 / 200.8 / 6010 / 6020)	Plice tample for DISSOLVED metals analysis	8260 644	1.1	11 Partier
07-2		<u>Nadio</u>	<u>1100</u>	2										<u></u>	X	×											×						
					·														•••														
		· · · · · · · · · · · · · · · · · · ·																															
**MAI elients MUST gloved, open air, sam allowing us to work su	sk handling by i	MAI stalt.	Non-disci	ante y	COLX 3	10 IG	t in t	heir fate	subm \$250	illei sure	d sa chai	impi rge i	les i and	\$79%, N		se		that fel to Zic		(1153) 2023[] 7	iatan Isbiti	diat ty fo	c hai r bai	m or m su	seric ffere	ars fi 1. Ti	itøre bank			dang our 1 ENT		nt a stan	s a result of brief, iding and for
Relinquished By <u> <u> </u> Relinquished By: </u>		Date: <u>1/2//</u> Date:	Time:	Reci	ived B ived B	Ż	<u> </u>	2	7	æ	<u>(</u>	2			GC HE DE AP	XOD IAD ICHI ICHI TRO	CO SPA OR OR	VDIT CE A INA	10N BSE FED CO	NT IN LA NTAR	B ERS	Ź	÷. «										
Relinquished By:		Date:	Time	Reci	ived B	ý:						-			PB	ESE	RV/	<u>tio</u>		MS.	0.64		VIET 11<2	ALS	O.	(HE)	2						

	oell Analyti	cal, Inc.				CH		N-O)F-C	IJS	I	DD'	Y RI	ECO	RD		Page	1 of	f 1
Pittsbur	Villow Pass Rd rg, CA 94565-1701 252-9262		•		*				110161		B			Code: (
(925) 2	252-9262		[]] WaterTra	x 🗌 Write	eOn 🗌 EDF	Ċ	Excel		Fax		₽] Email		Hard	Сору	🗖 Thi	rdParty		J-flag
	•						I	Bill to:							Req	uestec	I TAT:		1 day
5900 Hollis Emeryville,	-Rovers & Assoc St, Suite A		CC: PO:	ilee@crawoi #311956; 9-0			<u></u>	Co 59	ccounts onestog 900 Holl meryville	a-Ro s St	vers Ste	. A	sociate	es	Dat	e Reco e Add te Prin	-On:	02/0	6/2011 1/2011 1/2011
						F				R	equ	ested 5	Tests (6	(See leg	gendb 8	elow) 9	10	11	12
Lab ID		Client ID		Matrix	Collection Date	e Hold	1	2	3	4			 			⊥. <u> </u>	 	<u> </u>	
1101610-001		OT-2		Oil	1/26/2011 11:00		Α	Α			<u> </u>		l				<u> </u>		
• •																			
	алан (т. 1997) Солон (т. 1997) Солон (т. 1997)																		
	· .																		
<u>Test Legend</u> :		[2/0/ 2	3 ZH	E8260-TC										5			
	METALS_O	2	TSS_LIC	2(%)	8					1 · · · · ·						10			
6 11		12			. L.<u>2</u>.L										_			*7	
Comments:					<u>dded 1/31/11 24hr</u>												: Melis		<u></u>
	NOT	FE: Soil samp	oles are discar ⊢	ded 60 days a Iazardous sar	after results are rep nples will be return	orted unle ed to clier	ess oth nt or dis	er arra sposec	ingement i of at clie	s are ent e	mao cpen	se.	ter sam		JU uaya	.,.			

M	cCampbell Analy "When Quality Counts			Web: www	.mccampb	ss Road, Pittsburg, CA 94 ell.com E-mail: main@m 17-252-9262 Fax: 925-2:	ccampbell.	com	
Conestoga-R	overs & Associates	Client Project	ID: #	311956; 9-0020		Date Sampled: 0	1/26/11		
5900 Hollis St	Suite A				F	Date Received: (1/26/11		
59,00 1101110 50	, 5410 11	Client Conta	ct: Na	than Lee		Date Extracted: (2/01/11-	02/02/11	l
Emeryville, CA	A 94608	Client P.O.:				Date Analyzed: ()2/02/11		
Extraction method:	SW1311/SW3050B			P Metals* ical methods: SW601	10B			Work Ord	ler: 1101610
Lab ID	Client ID	Ν	Aatrix	Extraction Type		Lead	DF	% SS	Comment
1101610-001A	OT-2		0	TCLP		570	1	93	
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			-						
						·····			
		· · · · · · · · · · · · · · · · · · ·							
								_	

Reporting Limit for $DF = 1$;	w	TOTAL	NA	μg/L
ND means not detected at or above the reporting limit	0	TCLP	0.2	mg/L

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

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

TCLP = Toxicity Characteristic Leaching Procedure. DI TCLP = Toxicity Characteristic Leaching Procedure using DI water.

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

DHS ELAP Certification 1644



Angela Rydelius, Lab Manager

	ampbell Analy1 "When Ouality Counts"			Web: www.mccamp	ass Road, Pittsburg, CA 9 bell.com E-mail: main@i 377-252-9262 Fax: 925-2	nccampbell.	com
Conestoga-Rover	s & Associates	Client Project ID:	: #311956;	9-0020	Date Sampled: 0	1/26/11	
5900 Hollis St, Sui	te A				Date Received: 0	1/26/11	
, 500 1 10 m3 51, 50		Client Contact:	Nathan Lee	2	Date Extracted: 0	2/01/11	
Emeryville, CA 94	508	Client P.O.:		·	Date Analyzed: (2/01/11	
Analytical Method: SM	2540D	Total Sus	pended Sol	ids*		Vork Order:	1101610
Lab ID	Client ID		Matrix	Total Sus	spended Solids	DF	Comment
101610-001A	OT-2		0	N	D<0.10	1000	
						· · ·	
				· · · · · · · · · · · · · · · · · · ·			
				·			
					,		
				»			
					·		
Reporting Limit fo	r DF = 1; ND means not d	etected at or above	Ĺ	0	0.0001 %		
Roporting Minit to	the reporting limit		S		NA		
	orted in %.		· · · ·				

	Campbell Analyti "When Ouality Counts"	<u>cal, Inc.</u>	Web: www.	Villow Pass Road, Pittsburg, CA 9 mccampbell.com E-mail: main@ phone: 877-252-9262 Fax: 925-	mccampbell.	com	
Conestoga-Ro	overs & Associates	Client Project ID:	#311956; 9-0020	Date Sampled:	01/26/11		
5900 Hollis St	Suite A			Date Received:	01/26/11		
5900 1101113 31	, Suite A	Client Contact: N	Vathan Lee	Date Extracted:	02/01/11	-02/02/1	1
Emeryville, CA	A 94608	Client P.O.:		Date Analyzed:	02/02/11		
The section of the section	SW1311 (ZHETCLP)/SW5030B		Drganics by GC/M			Work Or	der: 1101610
Lab ID	Client ID	Matrix		Benzene	DF	% SS	Comments
1101610-001A	OT-2	0	ZHETCLP	54	1	96	
	· · ·						
	· · · · · · · · · · · · · · · · · · ·						_
				2			
	- · · · · · · · · · · · · · · · · · · ·						

Reporting Limit for DF =1;	w	TOTAL	NA	μg/L
ND means not detected at or above the reporting limit	0	ZHETCLP	5.0	mg/L

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

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

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

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

Angela Rydelius, Lab Manager



McCampbell Analytical, Inc. "When Ouality Counts"

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

QC SUMMARY REPORT FOR SW6010B

W.O. Sample Matrix: Oil			QC Matrix	x: Soil			Batch	ID: 55863		WorkC	order 11016	10
EPA Method SW6010B	Extra	ction SW	1311/SW	3050B				S	Spiked San	nple ID	: N/A	
Analyta	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%)	I
Analyte	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Lead	N/A	1	N/A	N/A	N/A	95.6	100	4.57	N/A	N/A	75 - 125	25

BATCH 55863 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed	
1101610-001A	01/26/11 11:00 AM	1 02/01/11	02/02/11 3:01 PM		 			
			· · · ·		 	· · · ·		

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

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

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

N/A = not applicable to this method.

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

DHS ELAP Certification 1644

A QA/QC Officer



"When Ouality Counts"

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

QC SUMMARY REPORT FOR WET CHEMISTRY TESTS

Test Method:	Total Suspended Solids		Matrix: L			WorkOrder: 1101610
Method Nam	e: SM2540D		Units %	· · · · · · · · · · · · · · · · · · ·		BatchID: 55926
Lab ID	Sample	DF	Dup / Ser. Dil.	DF	% RPD	Acceptance Criteria (%)
1101610-001A	ND<0.10	1000	ND<0.050	500	N/A	<15
Lab ID	Date Sampled Date Extr		TCH 55926 SUMMARY nalyzed Lab ID	Date	Sampled Date	Extracted Date Analyzed
1101610-001A)1/26/11 11:00 AM 02/01	1/11_02/01/11	1:35 PM		· · · · · · · · · · · · ·	

Dup = Duplicate; Ser. Dil. = Serial Dilution; MS = Matrix Spike; RD = Relative Difference; RPD = Relative Percent Deviation.

Precision = Absolute Value (Sample - Duplicate)

RPD = 100 * (Sample - Duplicate) / [(Sample + Duplicate) / 2]

%RPD is calculated using results of up to 10 significant figures, however the reported results are rounded to 2 or 3 significant figures. Therefore there may be a slight discrepancy between the %RPD displayed above and %RPD calculated using the reported results. MAI considers %RPD based upon more significant figures to be more accurate.

R_QA/QC Officer



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

QC SUMMARY REPORT FOR SW8260B

WorkOrder 1101610 BatchID: 55956 QC Matrix: Solid W.O. Sample Matrix: Oil Spiked Sample ID: N/A Extraction SW1311 EPA Method SW8260B LCS-LCSD Acceptance Criteria (%) LCSD Spiked MS MSD MS-MSD LCS Sample Analyte RPD RPD LCS/LCSD % Rec % RPD MS / MSD % Rec. % RPD % Rec. % Rec. mg/L mg/L 0.810 N/A N/A 70 - 130 20 N/A 102 103 0.010 N/A N/A tert-Amyl methyl ether (TAME) N/A 115 1.84 N/A N/A 70 - 130 20 N/A 117 0.010 N/A N/A N/A Benzene 20 5.67 N/A N/A 70 - 130 N/A N/A 106 99.8 N/A 0.050 N/A t-Butyl alcohol (TBA) 70 - 130 20 1.72 N/A N/A N/A 125 123 N/A 0.010 N/A N/A Chlorobenzene 20 1.29 N/A N/A 70 - 130 120 119 0.010 N/A N/A N/A 1,2-Dibromoethane (EDB) N/A 70 - 130 20 0.010 N/A N/A N/A 105 102 2,09 N/A N/A N/A 1,2-Dichloroethane (1,2-DCA) 20 104 1.92 N/A N/A 70 - 130 N/A N/A 106 0.010 N/A 1,1-Dichloroethene N/A 20 0.010 N/A N/A 123 121 1.66 N/A N/A 70 - 130 N/A Diisopropyl ether (DIPE) N/A 20 N/A N/A 115 115 -0---N/A N/A 70-130 N/A N/A 0.010 Ethyl-tert-butyl ether (ETBE) 0.237 N/A N/A 70 - 130 20 124 123 0.010 N/A N/A N/A Methyl=t=butyl=ether_(MTBE) N/A 1.93 N/A N/A 70 - 130 20 N/A 0.010 N/A N/A 124 121 N/A Toluene N/A 70 - 130 20 N/A 125 1.31 0.010 N/A N/A 127 Trichloroethene N/A N/A N/A N/A 70 - 130 30 N/A 0.025 N/A N/A N/A 98 98 0 %SS1: 30 N/A 70 - 130 100 100 0 N/A N/A 0.025 N/A N/A N/A %SS2: N/A N/A 70 - 130 30 N/A N/A 100 100 0 N/A 0,0025 N/A %SS3: All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE

BATCH 55956 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101610-001A	01/26/11 11:00 AM	02/01/11	02/02/11 10:28 AM				

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

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

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

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

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

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

DHS ELAP Certification 1644

QA/QC Officer

514

McCampbell A		Web: www.mccampbe	s Road, Pittsburg, CA 9 11.com E-mail: main@ 7-252-9262 Fax: 925-2	mccampbell.com
Conestoga-Rovers & Associates	Client Project ID: #311956;	Chevron 9-0020	Date Sampled:	01/17/11
5900 Hollis St, Suite A			Date Received:	01/18/11
5500 Homs Br, Bute H	Client Contact: Nathan Lee	e	Date Reported:	01/19/11
Emeryville, CA 94608	Client P.O.:		Date Completed:	01/19/11

WorkOrder: 1101366

January 19, 2011

Dear Nathan:

Enclosed within are:

- 1) The results of the 1 analyzed sample from your project: **#311956; Chevron 9-0020,**
- 2) A QC report for the above sample,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

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

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

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

W Tr	ebsite: <u>www.m</u> elephone: (877	1534 WI PITTSBU ccampbe () 252-92	LLOW PA IRG, CA 9- I <u>l.com</u> En 262	SS RO 4565-1' nail; n	AD 701 1 nain@ Fax:	1 C mec : (92	13(ampb (5) 25	2-920	m 59					UR			OU	ND DF			E PD Ch	F	RUS I sa	H E	24 ccel	HR	1	48 Wr	IR 72 ite On (id "J" fla	HR S DAY DW) G g is required
Report To: nLe							Recal	work	d.a	m	_	-	_		_	•	-	A	nal	ysis	Rec	ques	t	-	-	_	-	-	Other	Comments
Company: (5 590 Tele: (50) 4	to Hollis	ST	PEET	S. Mai	.⊤€ A					, (CA	-	8015) / 52	Ger church	20 E/B&F)	CAL SHOP	5			Congeners				÷		(0)	(0)		alysis	**Indicate here if these samples are potentially
Project #: 3119	56	-	F		(-	CHE			q.	00	20	8015		/ 55	1	8	021)		lors		(s)			(5	/ 602	/ 602		ls an	dangerous t
Project Location		ARRIN								-			+	Silica	1664		NOC	2/8((s)	Aroc		bicid			PNA	6010	010	-	meta	handle:
Sampler Signatu													8021	Š	ase (bons	21 (H	A 60	sticid	CV:	ides)	Herl	0	0Cs)	Hs /I	0.8 /	18/6	6020	VED	
			PLING				MAT	RIX		MET			Gas (602 /	N (& Gre	drocar	10 / 80	N (EP	(CLPe	NO S.	Pestic	idie Cl	60 (VC	70 (SV	10 (PA	0.7/20	(7/200	6010 /	SSOL	
SAMPLE ID	LOCATION/ Field Point Name	Date	Time	# Containers	Type Containers	Water	Soil	Sludge	Other	HCL	HNO ₃	Other	RTEX & TPH as Ga	TPH as Diesel (8015) W	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (access) ^{(A}	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX ONLY (EPA 602 / 8021)	EPA 505/ 608 / 8081 (CI Pesticides)	EPA 608 / 8082 PCB's ONLV; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic CI Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT S Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 / 6010 / 6020)	Filter sample for DISSOLVED metals analysis	
CHA-1		01/17/11	08:15	4	SS		×		Y				×	×		×											X			PLEASE
																														PERFORM
																														4:1 CONI
1																														. OF ENOUGH
1																														MATERIAL
		-																												FOR SAMP
10000																														ANALYSIS,
	>																													HUND PEN
																										-				SOIL VOLER
																-														
**MAI clients MUST gloved, open air, sam allowing us to work s	ple handling by !	MAI staff.	Non-disclo	osure in	ncurs a	n im	in thei mediat	r subr e \$250	nitteo) surc	l sam harg	ples e and	in co d the	clie	ntrat nt is	subje	ect to	may (full	egal	e imr I liabi	nedi: ility	ate h for h	arm arm	or se suffe	riou red.	s futi Tha	nk y	ou fo	or yo	angerment ur understa NTS:	as a result of brie inding and for
Relinquished By:	10 4	Date: 0417/ 2011 Date: 18/1/ Date:	Time: 7:00 Time: 8:30 Time:	Rec	eived B	E	La	ATT		Ł	/	1	GC AHE DE AP	AD S CHI PRO	CON SPAC	DIT CE A NAT	BSEI CON LAB		INEF		-	-	c	оті	IFP		0.014			

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534 Willow Pass Rd itteburg CA 94565 1701

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

(925) 252-9262				WorkOr	der: 110136	6 Client	Code: CETE		
	WaterTrax	WriteOn	EDF	Excel	Fax	🖌 Email	HardCopy	ThirdParty	J-flag
Report to:				Bi	II to:		Req	quested TAT:	1 day
Nathan Lee	Email: n	lee@craworld.c	om		Accounts Pa	ayable			
Conestoga-Rovers & Associates	cc:				Conestoga-	Rovers & Associa			
5900 Hollis St, Suite A	PO:				5900 Hollis	St, Ste. A	Dat	te Received:	01/18/2011
Emeryville, CA 94608	ProjectNo: #	311956; Chevro	on 9-0020		Emeryville, (CA 94608	Dat	te Printed:	01/18/2011
(510) 420-3327 FAX (510) 420-9170									
						Requested Tests	s (See legend k	celow)	

Lab ID	Client ID	Matrix	Collection Date Hold	1	2	3	4	5	6	7	8	9	10	11	12
1101366-001	OHA-1	Soil	1/17/2011 8:15	A	Α										

Test Legend:

1	LUFT_S	
6		
11		

2	TPH(DMO)WSG_S
7	
12	

3	
8	

4	
9	

5	
10	

The following SampID: 001A contains testgroup.

Prepared by: Maria Venegas

Comments: 24hr Rush

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



"When Ouality Counts"

Sample Receipt Checklist

Client Name:	Conestoga-Rove	rs & Associates			Date	and Time Received:	1/18/2011	10:42:34 AM
Project Name:	#311956; Chevro	n 9-0020			Chec	klist completed and r	eviewed by:	Maria Venegas
WorkOrder N°:	1101366	Matrix <u>Soil</u>			Carrie	er: <u>Rob Pringle (M</u>	IAI Courier)	
		<u>Chain</u>	of Cu	stody (C	OC) Inform	ation		
Chain of custody	present?		Yes	\checkmark	No 🗆			
Chain of custody	signed when relinqui	shed and received?	Yes	\checkmark	No 🗆			
Chain of custody	agrees with sample la	abels?	Yes	✓	No 🗌			
Sample IDs noted	by Client on COC?		Yes	\checkmark	No 🗆			
Date and Time of	collection noted by Cli	ent on COC?	Yes	\checkmark	No 🗆			
Sampler's name r	noted on COC?		Yes	\checkmark	No 🗆			
		<u>S</u>	ample	Receipt	Information	<u>n</u>		
Custody seals int	tact on shipping contai	iner/cooler?	Yes		No 🗆		NA 🔽	
Shipping containe	er/cooler in good cond	ition?	Yes	\checkmark	No 🗆			
Samples in prope	er containers/bottles?		Yes	\checkmark	No 🗆			
Sample containe	rs intact?		Yes	\checkmark	No 🗆			
Sufficient sample	volume for indicated	test?	Yes	✓	No 🗌			
		Sample Prese	rvatior	n and Ho	<u>ld Time (HT</u>) Information		
All samples recei	ved within holding time	e?	Yes		No 🗌			
Container/Temp E	Blank temperature		Coole	r Temp:	4°C		NA 🗆	
Water - VOA vial	ls have zero headspac	ce / no bubbles?	Yes		No 🗆	No VOA vials subm	itted 🗹	
Sample labels ch	necked for correct pres	servation?	Yes	\checkmark	No 🗌			
Metal - pH accept	table upon receipt (pH	<2)?	Yes		No 🗆		NA 🗹	
Samples Receive	ed on Ice?		Yes	\checkmark	No 🗆			
		(Ісе Тур	e: WE	TICE))			
* NOTE: If the "N	lo" box is checked, se	e comments below.						

Client contacted:

Date contacted:

Contacted by:

Comments:

	McCampbell Analyti	cal, Inc.	Web: www.mccamp			ccampbell.c	om		
Conestog	a-Rovers & Associates	Client Project ID: 0020	#311956; Chevron 9-	Date Sample					
5900 Holl	is St, Suite A			Date Receive	ed: 01	/18/11			
		Client Contact: N	lathan Lee	Date Extracted: 01/18/11					
Emeryvill	e, CA 94608	Client P.O.:		Date Analyz	ed 01	/18/11			
		-	atile Hydrocarbons as G	asoline*					
	hod SW5030B		methods SW8015Bm			rk Order:			
Lab ID	Client ID	Matrix	TPH(g)		DF	% SS	Comments		
001A	OHA-1	S	ND		1	95			
	Reporting Limit for DF =1;	W	NA			NA			
	ND means not detected at or above the reporting limit	S	1.0			mg/Kg	5		

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

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

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

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

Angela Rydelius, Lab Manager

	McCampbo	ell Ana en Ouality Cor		<u>.</u>	Web: www		bell.com	ad, Pittsburg, CA m E-mail: main 2-9262 Fax: 925		m		
Conest	oga-Rovers & Asso	ciates	Client Pro 0020	ject ID: 🕴	#311956; Chevro	on 9-	Dat	e Sampled:	01/17/11			
5900 H	ollis St, Suite A		0020			Dat	e Received:	01/18/11				
			Client Co	ntact: Na	athan Lee		Dat	e Extracted:	01/18/11			
Emery	ville, CA 94608		Client P.C).:			Dat	e Analyzed:	01/19/11			
Extraction	n method: SW3050B			UFT 5 Metals*					Work O	rder: 11	01266	
Lab ID	Client ID	Matrix	Extraction Type	Cadmiur	-	Lea	ıd	Nickel	Zinc	DF	% SS	Comments
001A	OHA-1	S	TOTAL	ND	36	48	3	23	56	1	93	

Reporting Limit for DF =1;	W	TOTAL	NA	NA	NA	NA	NA	NA
ND means not detected at or above the reporting limit	S	TOTAL	1.5	1.5	5.0	1.5	5.0	mg/Kg

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

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

TOTAL = Hot acid digestion of a representative sample aliquot.

TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.

DISS = Dissolved metals by direct analysis of 0.45 μ m filtered and acidified sample.

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

DHS ELAP Certification 1644



Angela Rydelius, Lab Manager

	Campbell Anal		Inc.	Web: www	Willow Pass Road, Pittsburg, C. mccampbell.com E-mail: mai ephone: 877-252-9262 Fax: 92	n@mccampb					
Conestoga-Rov	vers & Associates		Project	D: #311956; Chevror	n 9- Date Sampled:	01/17	/11				
5900 Hollis St, S	Suito A	0020			Date Received:	01/18	/11				
<i>3700</i> 1101115 <i>S</i> t, 1	Suite A	Client	Contac	: Nathan Lee	Date Extracted:	01/18	/11	11			
Emeryville, CA	94608	Client	P.O.:		Date Analyzed:	01/19	/11				
	Total 1	Extractable			n Silica Gel Clean-Up*						
Extraction method:	SW3550B/3630C		Analytica	l methods: SW8015B		W	ork Order:	1101366			
Lab ID	Client ID		Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS	Comments			
1101366-001A	OHA-1		S	16	49	1	113	e7,e2			
						_					

Reporting Limit for $DF = 1$;	W	NA	NA	ug/L	
ND means not detected at or above the reporting limit	S	1.0	5.0	mg/Kg	

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

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

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

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

e2) diesel range compounds are significant; no recognizable patterne7) oil range compounds are significant

DHS ELAP Certification 1644





McCampbell Analytical, Inc. "When Quality Counts" 1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil			QC Matri	x: Soil		BatchID: 55571 WorkOrder 1101366								
EPA Method SW8015Bm	Extra	ction SW	5030B					5	Spiked San	nple ID	: 1101235-0	02A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD LCS-LCSD		Acce	eptance	Criteria (%)			
/ mary to	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD		
TPH(btex [£]	ND	0.60	97	99.5	2.49	98.9	107	8.13	70 - 130	20	70 - 130	20		
MTBE	ND	0.10	120	117	2.36	116	108	6.70	70 - 130	20	70 - 130	20		
Benzene	ND	0.10	117	109	7.31	112	110	1.54	70 - 130	20	70 - 130	20		
Toluene	ND	0.10	102	94.6	7.67	96.9	95.3	1.72	70 - 130	20	70 - 130	20		
Ethylbenzene	ND	0.10	105	98	7.27	101	98.3	2.63	70 - 130	20	70 - 130	20		
Xylenes	ND	0.30	118	110	6.67	114	111	2.78	70 - 130	20	70 - 130	20		
%SS:	101	0.10	125	108	14.7	116	110	5.52	70 - 130	20	70 - 130	20		
All target compounds in the Method NONE	Blank of this	extraction	batch we	re ND les	s than the	method R	L with th	e following o	exceptions:					

			BATCH 55571 SL	JMMARY			
Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101366-001A	01/17/11 8:15 AM	01/18/11	01/18/11 2:11 PM				

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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

A QA/QC Officer



McCampbell Analytical, Inc. "When Ouality Counts"

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

QC SUMMARY REPORT FOR 6010B

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 1101366 EPA Method SW6010B Extraction SW3050B BatchID: 55650 Spiked Sample ID: 1101359-002A LCSD LCS-LCSD Sample Spiked MS MSD MS-MSD Spiked 1 CS Acceptance Criteria (%) Analyte % Rec. RPD LCS/LCSD RPD % RPD % RPD MS / MSD mg/Kg mg/Kg % Rec. % Rec. mg/Kg % Rec. Cadmium ND 50 91.5 90.9 0.658 10 97.8 90.5 7.76 75 - 125 25 75 - 125 25 Chromium 42 50 91.7 86.8 2.81 10 99.2 90.9 8.81 75 - 125 25 75 - 125 25 7.99 Lead 15 50 97.5 88.9 6.94 10 104 96.4 75 - 125 25 75 - 125 25 Nickel 37 50 94.6 95.6 0.565 10 100 90.7 9.88 75 - 125 25 75 - 125 25 Zinc 50 500 97.8 94 3.63 100 108 94.3 75 - 125 25 75 - 125 25 13.6 %SS: 92 500 88 91 2.57 500 101 95 6.21 70 - 130 20 70 - 130 20 All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE

			BATCH 55650 SL	IMMARY			
Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101366-001A	01/17/11 8:15 AM	01/18/11 0	01/19/11 11:52 AM				

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

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

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

N/A = not applicable to this method.

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

AK___QA/QC Officer



"When Ouality Counts"

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil			QC Matri	x: Soil			Batch	ID: 55658	WorkOrder 1101366				
EPA Method SW8015B	Extra	ction SW	3550B/36	630C				5	Spiked San	nple ID	: 1101366-0	01A	
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%)	1	
, indigite	mg/Kg	mg/Kg mg/Kg % Rec. % Rec. % RPD % Re							MS / MSD	RPD	LCS/LCSD	RPD	
TPH-Diesel (C10-C23)	16	40	102	101	0.784	98.8	101	2.51	70 - 130	30	70 - 130	30	
%SS:	113	25	112	111	0.978	113	117	3.36	70 - 130	30	70 - 130	30	
All target compounds in the Metho NONE	od Blank of this	extraction	batch we	re ND les					exceptions:				

BATCH 55658 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101366-001A	01/17/11 8:15 AM	I 01/18/11	01/19/11 5:31 AM				

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

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

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

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

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

A QA/QC Officer

McCampbell A		Web: www.mccampbe	s Road, Pittsburg, CA 9 ll.com E-mail: main@ '-252-9262 Fax: 925-2	mccampbell.com
Conestoga-Rovers & Associates	Client Project ID: #311956;	9-0020	Date Sampled:	01/11/11
5900 Hollis St, Suite A			Date Received:	01/11/11
5500 Homs Bl, Build H	Client Contact: Nathan Lee	e	Date Reported:	01/12/11
Emeryville, CA 94608	Client P.O.:		Date Completed:	01/12/11

WorkOrder: 1101217

January 12, 2011

Dear Nathan:

Enclosed within are:

- 1) The results of the 1 analyzed sample from your project: #311956; 9-0020,
- 2) A QC report for the above sample,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

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

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

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

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Project Location		IARR	ISON	5	TRE	E	T	0	AKI	AI	VD	C	A	1 4	1	1 1	(418	NO	218	les)	Aroc		sicid			PNA	6010	0109	-	meta		handle:
Sampler Signatu	re: Ku		2											802			Nons	E1 (H	100	stick	N:	ides)	Herl	3	DCs	Hs / I	1.8.	8.1	(020)	ED		
	1		PLING			Γ	MA	TR	IX			THO	OD VED	(602	W TTH	1	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX ONLY (EPA 602 / 8021)	EPA 505/ 608 / 8081 (CI Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	200.8 6010	Filter sample for DISSOLVED metals analysis		
		-			ers				-	1		SER.	VED	Cas -	15)	Oil S	Hydi	8014	NLA	() [8]	CB	NPI	Acid	8261	8271	8310	200.	200.7	86	DIS		
SAMPLE ID	LOCATION/ Field Point			Containers	Type Containers									Has	TPH as Diesel (8015)	Total Petroleum Oil &	um	109	CX O	8/80	82 P	141 (151 (624 /	625/	(W)	tals (als (2	200	e for		
1.11.12.1.1.1.1	Name	Date	Time	tai	Con	1			۰.					Ê	Dies	trole	trole	221	BTI	S/ 60k	8/80	11 8	5/ 8	12/	5.2 /	70 S	Me	Met	(200.7 /	mph		
				Con	pe (Water	=	2	Sludge		HCI	HNO.	Other	BTEX &	H as	al Pe	al Pe	A 500	BE	A 50	A 60	A 50'	A 51	V 52.	A 525	A 82	M I	FTS	d (2)	cr sa		
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** MAI clients MUST																																
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byitra@craworld-com



1534 Willow Pass Rd

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

(925) 252-9262				WorkOr	der: 110121	7 Client	Code: CETE		
	WaterTrax	WriteOn	EDF	Excel	Fax	🖌 Email	HardCopy	ThirdParty	J-flag
Report to:				Bil	II to:		Rec	quested TAT:	1 day
Nathan Lee	Email:	nlee@craworld.c	om		Accounts Pa	ayable			
Conestoga-Rovers & Associates	cc:	byifru@craworld.	com		Conestoga-	Rovers & Associa			
5900 Hollis St, Suite A	PO:				5900 Hollis	St, Ste. A	Dat	te Received:	01/11/2011
Emeryville, CA 94608	ProjectNo:	#311956; 9-0020)		Emeryville,	CA 94608	Dat	te Printed:	01/11/2011
(510) 420-0700 FAX (510) 420-9170)								
						Requested Tests	s (See legend ł	below)	

Lab ID	Client ID	Matrix	Collection Date Hold	1	2	3	4	5	6	7	8	9	10	11	12
1101217-001	Debris-1	Solid	1/11/2011 13:55	А	А	А	А								

Test Legend:

1	MBTEX-8260B_S	2
6		
11		1

2	PB_S
7	
12	

3	PREDF REPORT
8	

4	TPH(DMO)WSG_S
9	

5			
10			

The following SampID: 001A contains testgroup.

Prepared by: Melissa Valles

Comments:

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



"When Ouality Counts"

Sample Receipt Checklist

Client Name:	Conestoga-Rove	rs & Associates			Date	and Time Received:	1/11/2011 4:25:49 PM	
Project Name:	#311956; 9-0020				Chec	Checklist completed and reviewed b		Melissa Valles
WorkOrder N°:	1101217	Matrix <u>Solid</u>			Carrie	er: <u>Client Drop-In</u>		
		Chain	of Cu	stody (C	OC) Inform	ation		
Chain of custody	present?		Yes	\checkmark	No 🗆			
Chain of custody	signed when relinquis	shed and received?	Yes	\checkmark	No 🗆			
Chain of custody	agrees with sample la	abels?	Yes		No 🗌			
Sample IDs noted	by Client on COC?		Yes	\checkmark	No 🗆			
Date and Time of	collection noted by Clie	ent on COC?	Yes	✓	No 🗆			
Sampler's name r	noted on COC?		Yes	✓	No 🗆			
		<u>S</u>	ample	Receipt	Informatio	<u>n</u>		
Custody seals int	tact on shipping contai	iner/cooler?	Yes		No 🗆		NA 🔽	
Shipping containe	er/cooler in good condi	ition?	Yes	\checkmark	No 🗆			
Samples in prope	er containers/bottles?		Yes	✓	No 🗆			
Sample containe	rs intact?		Yes	✓	No 🗆			
Sufficient sample	e volume for indicated	test?	Yes		No 🗌			
		Sample Prese	rvatior	n and Ho	old Time (HT	<u>) Information</u>		
All samples recei	ved within holding time	e?	Yes	<	No 🗌			
Container/Temp E	Blank temperature		Coole	r Temp:	5.2°C		NA 🗆	
Water - VOA vial	ls have zero headspac	ce / no bubbles?	Yes		No 🗆	No VOA vials subm	itted 🗹	
Sample labels ch	necked for correct pres	servation?	Yes	\checkmark	No 🗌			
Metal - pH accep	table upon receipt (pH	<2)?	Yes		No 🗆		NA 🗹	
Samples Receive	ed on Ice?		Yes	✓	No 🗆			
		(Ісе Тур	e: WE	TICE)			
* NOTE: If the "N	* NOTE: If the "No" box is checked, see comments below.							

Client contacted:

Date contacted:

Contacted by:

Comments:

	McCampb	ell Ana		cal, Ir	<u>nc.</u>		: www.mccamp	Pass Road, Pittsburg bell.com E-mail: 377-252-9262 Fa	main@mccamp	bell.com			
Cone	stoga-Rovers & Ass	ociates		Client P	roject ID: #	#311956; 9-0020 Date Sampled: 01/11/11							
5900	Hollis St, Suite A							Date Receive	ed: 01/11	/11			
				Client C	Contact: Na	than Lee		Date Extract	ed: 01/11	/11			
Emeryville, CA 94608 Client P.O.:					Date Analyz	ed: 01/12	2/11						
Gasoline Range (C6-C12) Volatile Hyd Extraction method: SW5030B Analyt				drocarbons			and MTBE*		k Order:	1101217			
Lab ID	Client ID	Matrix	TPH	H(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments	
001A	Debris-1	S	53	30	ND<1.7	ND<0.17	0.64	1.2	9.5	33	73	d7	
												<u> </u>	
												<u> </u>	
						<u> </u>	l					<u> </u>	
ND m	rting Limit for DF =1; eans not detected at or	W S		50 .0	5.0 0.05	0.5	0.5	0.5	0.5		ug/I mg/k		
	ve the reporting limit										-	-	
	and vapor samples are 1 & SPLP extracts in mg/		ıg/L, soi	l/sludge/s	olid samples i	in mg/kg, wipe	e samples in	µg/wipe, product	t/oil/non-aque	ous liqui	id samples	s and all	

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

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

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

d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram



When Ouality Counts"				1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269						
Conestoga-Rovers & Associates		Client Pro	ject ID: #	#311956	5; 9-0020	01/11/11				
5900 Hollis St, Suite A			Date Received:					01/11/11		
System in Street		Client Co	ontact: Na	athan L	ee	Date Extracted:	01/11/11			
Emeryville, CA 94608	Client P.O.:					Date Analyzed:	01/12/11			
		MTB	E and BT	EX by (GC/MS*					
Extraction Method: SW5030B		Analy	tical Method	l: SW826	0B		Work Order:	1101217		
Lab ID	11012	17-001A								
Client ID	Debris-1					Reporting Limit for DF =1				
Matrix	S						1			
DF		4					s	W		
Compound	Concentration						mg/kg	ug/L		
Benzene	ND	< 0.020					0.005	NA		
Ethylbenzene	().21					0.005	NA		
Methyl-t-butyl ether (MTBE)	ND	< 0.020					0.005	NA		
Toluene	().17					0.005	NA		
Xylenes		1.9					0.005	NA		
		Surro	ogate Rec	overies	s (%)					
%SS1:		92								
%SS2:		98								
Comments										
* water and vapor samples are reported in extracts are reported in mg/L, wipe sampl ND means not detected above the reporti	es in µg∕	wipe.	-	-				LP & SPLP		
# surrogate diluted out of range or coelut	es with a	mother peak	; &) low su	ırrogate	due to matrix inter	ference.				
%SS = Percent Recovery of Surrogate Sta	ndard	SS = Percent Recovery of Surrogate Standard								

DF = Dilution Factor

	Web: www	v.mccampl	ass Road, Pittsburg, CA 9 bell.com E-mail: main@ 77-252-9262 Fax: 925-	mccampbell	.com				
Conestoga-Ro	overs & Associates	Client Project	ID: #	311956; 9-0020		Date Sampled:	01/11/11		
5900 Hollis St	5900 Hollis St, Suite A					Date Received:	01/11/11		
			ct: Na	than Lee		Date Extracted:	01/11/11		
Emeryville, CA	4 94608	Client P.O.:				Date Analyzed:	01/12/11		
			Lea	ad by ICP*					
Extraction method:	SW3050B		Analyt	ical methods: SW60	10B			Work Orc	ler: 1101217
Lab ID	Client ID	М	latrix	Extraction Type		Lead	DF	% SS	Comments
1101217-001A	Debris-1		S	TOTAL		5400	1	96	
	-								

Reporting Limit for DF =1;	W	TOTAL	NA	μg/L
ND means not detected at or above the reporting limit	S	TOTAL	5.0	mg/Kg

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

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

TOTAL = Hot acid digestion of a representative sample aliquot.

TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.

DISS = Dissolved metals by direct analysis of 0.45 μ m filtered and acidified sample.

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



McCampbell Analytical, Inc. "When Ouality Counts" Conestoga-Rovers & Associates Client Project ID: #3				Web: www.	mccamp	Pass Road, Pittsburg, CA obell.com E-mail: main 377-252-9262 Fax: 925	@mccampbe				
Conestoga-Rov	vers & Associates	Client	Project I	D: #3	11956; 9-0020	01/11/11					
5000 Hallis St	5900 Hollis St, Suite A						Date Received:	01/11/	11		
Syou Hollis St, Suite AClient ContactEmeryville, CA 94608Client P.O.:			t Contac	t: Na	than Lee		Date Extracted:	01/11/	01/11/11		
						Date Analyzed:	01/12/	11			
		Extractabl			drocarbons with	Silica	ı Gel Clean-Up*				
Extraction method:	SW3550B/3630C		Analytica	al method	ls: SW8015B	1		W	ork Order:	1101217	
Lab ID	Client ID		Matrix		(C10-C23)]	(C18-C36)	DF	% SS	Comments	
1101217-001A	Debris-1		S		34,000		160,000	1000	#	e7,e2,e11	

Reporting Limit for DF =1;	W	NA	NA	ug/L	
ND means not detected at or above the reporting limit	S	1.0	5.0	mg/Kg	

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

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

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

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

e2) diesel range compounds are significant; no recognizable pattern

e7) oil range compounds are significant

e11) stoddard solvent/mineral spirit (?)



"When Ouality Counts"

QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil		(QC Matri	x: Soil			BatchID: 55466 WorkOrd				Drder 11012	17	
EPA Method SW8021B/8015Bm	Extrac	ction SW	5030B					5	Spiked Sample ID: 1101102-020A				
Analyte	Sample	ble Spiked MS MSD MS-MSD LCS LCSD LCS-LCSD Acceptance C						Criteria (%)	Criteria (%)				
Analyte	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	eptance Criteria RPD LCS/LC 20 70 - 1 20 70 - 1 20 70 - 1 20 70 - 1 20 70 - 1 20 70 - 1 20 70 - 1 20 70 - 1 20 70 - 1	LCS/LCSD	RPD	
TPH(btex [£]	ND	0.60	89.2	90.2	1.03	105	90.9	14.7	70 - 130	20	70 - 130	20	
MTBE	ND	0.10	114	102	10.5	99.2	104	4.74	70 - 130	20	70 - 130	20	
Benzene	ND	0.10	94	95.8	1.91	95.1	94.5	0.621	70 - 130	20	70 - 130	20	
Toluene	ND	0.10	92.8	93.6	0.935	92.9	92.3	0.736	70 - 130	20	70 - 130	20	
Ethylbenzene	ND	0.10	94.5	95.4	0.955	94.6	94	0.569	70 - 130	20	70 - 130	20	
Xylenes	ND	0.30	97.4	98.7	1.29	97.3	97	0.358	70 - 130	20	70 - 130	20	
%SS:	103	0.10	97	84	14.8	94	88	6.14	70 - 130	20	70 - 130	20	
All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE													

BATCH 55466 SUMMARY										
Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed			
1101217-001A	01/11/11 1:55 PM	1 01/11/11	01/12/11 10:47 AM							

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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

A QA/QC Officer



"When Ouality Counts"

QC SUMMARY REPORT FOR SW8260B

xtraction	sw5	5020D									
	traction SW5030B					Spiked Sample ID: 1101174-001A					
ample Spiked MS MSD MS-MSD				LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)				
Kg mį	g/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
) 0.0	050	105	96.1	8.95	104	106	1.84	70 - 130	30	70 - 130	30
) 0.0	050	105	97.2	7.81	97.9	99.2	1.30	70 - 130	30	70 - 130	30
) 0.0	050	107	97.7	9.39	108	109	1.25	70 - 130	30	70 - 130	30
0.	.13	93	94	1.09	94	95	0.829	70 - 130	30	70 - 130	30
3 0.	.13	105	106	0.808	105	105	0	70 - 130	30	70 - 130	30
	/Kg m, D 0. D 0. D 0. Q 0.	/Kg mg/Kg D 0.050 D 0.050 D 0.050 D 0.13	/Kg mg/Kg % Rec. D 0.050 105 D 0.050 105 D 0.050 107 O 0.13 93	/Kg mg/Kg % Rec. % Rec. D 0.050 105 96.1 D 0.050 105 97.2 D 0.050 107 97.7 9 0.13 93 94	/Kg mg/Kg % Rec. % Rec. % RPD D 0.050 105 96.1 8.95 D 0.050 105 97.2 7.81 D 0.050 107 97.7 9.39 9 0.13 93 94 1.09	/Kg mg/Kg % Rec. % Rec. % RPD % Rec. D 0.050 105 96.1 8.95 104 D 0.050 105 97.2 7.81 97.9 D 0.050 107 97.7 9.39 108 9 0.13 93 94 1.09 94	/Kg mg/Kg % Rec. % Rec. % RPD % Rec. % Rec. D 0.050 105 96.1 8.95 104 106 D 0.050 105 97.2 7.81 97.9 99.2 D 0.050 107 97.7 9.39 108 109 9 0.13 93 94 1.09 94 95	/Kg mg/Kg % Rec. % Rec. % RPD % Rec. % Rec. % RPD D 0.050 105 96.1 8.95 104 106 1.84 D 0.050 105 97.2 7.81 97.9 99.2 1.30 D 0.050 107 97.7 9.39 108 109 1.25 9 0.13 93 94 1.09 94 95 0.829	/Kg mg/Kg % Rec. % Rec. % RPD % Rec. % Rec. % RPD MS / MSD D 0.050 105 96.1 8.95 104 106 1.84 70 - 130 D 0.050 105 97.2 7.81 97.9 99.2 1.30 70 - 130 D 0.050 107 97.7 9.39 108 109 1.25 70 - 130 D 0.13 93 94 1.09 94 95 0.829 70 - 130	/Kg mg/Kg % Rec. % Rec. % RPD % Rec. % Rec. % RPD MS / MSD RPD D 0.050 105 96.1 8.95 104 106 1.84 70 - 130 30 D 0.050 105 97.2 7.81 97.9 99.2 1.30 70 - 130 30 D 0.050 107 97.7 9.39 108 109 1.25 70 - 130 30 D 0.13 93 94 1.09 94 95 0.829 70 - 130 30	/Kg mg/Kg % Rec. % Rec. % RPD % Rec. % Rec. % RPD MS / MSD RPD LCS/LCSD D 0.050 105 96.1 8.95 104 106 1.84 70 - 130 30 70 - 130 D 0.050 105 97.2 7.81 97.9 99.2 1.30 70 - 130 30 70 - 130 D 0.050 107 97.7 9.39 108 109 1.25 70 - 130 30 70 - 130 P 0.13 93 94 1.09 94 95 0.829 70 - 130 30 70 - 130

			JMMARY				
Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101217-001A	01/11/11 1:55 PM	1 01/11/11	01/12/11 2:20 AM				

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

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

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

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

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

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

A __ QA/QC Officer



"When Ouality Counts"

QC SUMMARY REPORT FOR 6010B

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder 1101217

EPA Method SW6010B			Extract	ion SW3	3050B		BatchID	: 55564	Spik	ed Sample	ID:	1101216-00	8A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acce	eptanc	e Criteria (%	5)
, and y to	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Lead	ND	50	96.8	98.6	1.84	10	96.6	96	0.649	75 - 125	25	75 - 125	25
%SS:	98	500	95	99	4.08	500	93	93	0	70 - 130	20	70 - 130	20
All target compounds in th NONE	e Method B	lank of th	is extract	ion batch	were ND les	ss than the	e method F	L with the	e following e	exceptions:			

BATCH 55564 SUMMARY

Lab ID	Date Sampled	Date Extracte	d Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101217-001A	01/11/11 1:55 PM	01/11/11	01/12/11 10:59 AM				

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

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

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

N/A = not applicable to this method.

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

A QA/QC Officer



"When Ouality Counts"

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil			QC Matri	x: Soil			Batch	ID: 55465		WorkC	Order 11012	.17
EPA Method SW8015B	Extra	ction SW	3550B/36	630C				5	Spiked San	nple ID	: 1101102-0)20A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%))
, mary to	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	15	40	79.2	79	0.174	99.3	100	0.694	70 - 130	30	70 - 130	30
%SS:	100	25	102	108	5.44	95	96	0.815	70 - 130	30	70 - 130	30
All target compounds in the Metho NONE	od Blank of this	extraction	batch we	re ND les	s than the	method R	L with th	e following	exceptions:			

BATCH 55465 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101217-001A	01/11/11 1:55 PM	A 01/11/11	01/12/11 2:13 PM				

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

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

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

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

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

A QA/QC Officer

McCampbell A		Web: www.mccampbe	s Road, Pittsburg, CA 9 ll.com E-mail: main@ 7-252-9262 Fax: 925-2	mccampbell.com
Conestoga-Rovers & Associates	Client Project ID: #311956;	9-0020	Date Sampled:	01/11/11
5900 Hollis St, Suite A			Date Received:	01/11/11
5500 Hollis St, Suite A	Client Contact: Nathan Lee	e	Date Reported:	01/14/11
Emeryville, CA 94608	Client P.O.:		Date Completed:	01/14/11

WorkOrder: 1101217 A

January 14, 2011

Dear Nathan:

Enclosed within are:

- 1) The results of the 1 analyzed sample from your project: **#311956; 9-0020,**
- 2) A QC report for the above sample,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

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

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

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

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SAMPLE ID	LOCATION/ Field Point Name	Date	Time	# Containers	Type Containers				9					TPH as	8	Total Petroleum Oil &	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX ONLY (EPA 5027 8021)	EPA 505/ 608 / 8081 (CI Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHS / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT S Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 6010 76020)	Filter sample for DISSOLVED metals analysis	7 2thr per	
	Tame	Date	Tune	# Con	Type C	Water	Soil	Air.	Sludge	ICE	ICH.	HNO.	Other	BTEX & TPH	TPH as I	Total Pe	Total Pel	EPA 502	MTBE /	EPA 505	EPA 608	EPA 507	EPA 515	EPA 524	EPA 525	EPA 82	CAM 17	LUFT 5	Lead (20	Filter sat	CAMI-	
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byitra@craworld.com

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			Bil	I to:		Re	quested TAT:	1 day
cc: PO:	byifru@craworld.o	com		Conestoga-R 5900 Hollis S	tovers & Assoc t, Ste. A	ciates Da	te Add-On:	01/11/2011 01/13/2011 01/13/2011
	☐ WaterTr Email: cc: PO:	☐WaterTrax ☐WriteOn Email: nlee@craworld.ce cc: byifru@craworld.c PO:	☐ WaterTrax ☐ WriteOn ✔ EDF Email: nlee@craworld.com cc: byifru@craworld.com	WaterTrax WriteOn ✓ EDF Excel Bil Email: nlee@craworld.com cc: byifru@craworld.com PO:	WorkOrder: 1101217 □ WaterTrax WriteOn ✓ EDF □ Excel □ Fax Bill to: Email: nlee@craworld.com Accounts Pay cc: byifru@craworld.com Conestoga-R PO: 5900 Hollis S	WaterTrax WriteOn ✓ EDF Excel ☐ Fax ✓ Email Bill to: Email: nlee@craworld.com Accounts Payable Conestoga-Rovers & Assoc CC byifru@craworld.com Conestoga-Rovers & Assoc 5900 Hollis St, Ste. A	WaterTrax WriteOn WEDF Excel Fax Email HardCopy Bill to: Re Conestoga-Rovers & Associates Da Synth Conternation Syntheon Da PO: Syntheon WriteOn Da	WaterTrax WriteOn WEDF Excel Fax Email HardCopy ThirdParty Bill to: Accounts Payable Conestoga-Rovers & Associates Date Received: Date Add-On: PO: South Action South Action South Action Date Add-On:

							Req	uested	Tests (See leg	gend be	elow)			
Lab ID	Client ID	Matrix	Collection Date Hold	1	2	3	4	5	6	7	8	9	10	11	12
1101217-001	Debris-1	Solid	1/11/2011 13:55	A											

Test Legend:

1	CAM17MS_Solid
6	
11	

2	
7	
12	

3	
8	

4	
9	

5	
10	

Prepared by: Melissa Valles

Comments: CAM17 added per email 24hr TAT 01/13/11.

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.

"When Ouality	' Counts"		Telepho	one: 877-252-9262 F	ax: 925-252-9269	
Conestoga-Rovers & Associates	Clier	nt Project ID: #	311956; 9-0020	Date Sample	ed: 01/11/11	
				Date Receiv	ved: 01/11/11	
5900 Hollis St, Suite A	Clie	nt Contact: Na	than Lee	Data Extrac	ted: 01/13/11	
Emeryville, CA 94608	Cher	nt P.O.:		Date Analyz	zed 01/14/11	
		CAM / CCR	17 Metals*			
Lab ID	1101217-00)1A			Reporting Lir	nit for DF =
Client ID	Debris-1				ND means r above the re	not detected
Matrix	S				S	W
Extraction Type	TOTAL				mg/Kg	mg/L
		ICP Metals, C	oncentration*	1		
Analytical Method: SW6020		Extraction Method			Work Order:	1101217
Dilution Factor	1				1	1
Antimony	3.8				0.5	NA
Arsenic	4.5				0.5	NA
Barium	150				5.0	NA
Beryllium	ND				0.5	NA
Cadmium	12				0.25	NA
Chromium	46				0.5	NA
Cobalt	7.8				0.5	NA
Copper	74				0.5	NA
Lead	1400				0.5	NA
Mercury	0.17				0.05	NA
Molybdenum	ND				0.5	NA
Nickel	35				0.5	NA
Selenium	ND				0.5	NA
Silver	ND				0.5	NA
Thallium	ND				0.5	NA
Vanadium	35				0.5	NA
Zinc	800				5.0	NA
%SS:	125					
Comments						
water samples are reported in μ g/L, prod	luct/oil/non-ag	ueous liquid same	oles and all TCI P / STI	C / DISTLC / SPI	P extracts are repo	rted in
mg/L, soil/sludge/solid samples in mg/kg,				LC / DISTLC / SPL	P extracts are repo	rted in

this sample or instrument.

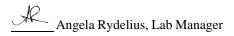
TOTAL = Hot acid digestion of a representative sample aliquot.

TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.

DISS = Dissolved metals by direct analysis of 0.45 μ m filtered and acidified sample.

%SS = Percent Recovery of Surrogate Standard

DF = Dilution Factor





"When Ouality Counts"

QC SUMMARY REPORT FOR SW6020

W.O. Sample Matrix: Sol	id			Q	C Matrix: So	bil				١	NorkO	rder 11012	17
EPA Method SW6020			Extract	tion SW	3050B		BatchID): 55563	Spik	ed Sample	ID:	1101211-01	2A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acce	eptanc	e Criteria (%	»)
, analy to	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Antimony	0.76	50	97.6	101	3.74	10	88.5	92.1	3.95	75 - 125	20	75 - 125	20
Arsenic	9.5	50	99.5	106	5.45	10	95.9	98	2.18	75 - 125	20	75 - 125	20
Barium	ND	500	103	109	4.01	100	89.8	92.3	2.66	75 - 125	20	75 - 125	20
Beryllium	0.61	50	81.8	83.8	2.29	10	88.2	90.9	3.07	75 - 125	20	75 - 125	20
Cadmium	ND	50	98.6	103	3.98	10	93.1	95.3	2.36	75 - 125	20	75 - 125	20
Chromium	66	50	NR	NR	NR	10	93.3	97.9	4.74	75 - 125	20	75 - 125	20
Cobalt	16	50	91.6	95.3	3.01	10	99.9	103	3.03	75 - 125	20	75 - 125	20
Copper	35	50	95.1	101	3.56	10	103	105	1.83	75 - 125	20	75 - 125	20
Lead	11	50	97.3	101	3.38	10	91.3	93.8	2.61	75 - 125	20	75 - 125	20
Mercury	0.066	1.25	94.1	97.4	3.25	0.25	99.3	102	2.35	75 - 125	20	75 - 125	20
Molybdenum	0.99	50	101	105	3.89	10	90.8	94.6	4.14	75 - 125	20	75 - 125	20
Nickel	100	50	NR	NR	NR	10	94.6	95.4	0.874	75 - 125	20	75 - 125	20
Selenium	ND	50	97.8	101	3.57	10	89.7	99	9.81	75 - 125	20	75 - 125	20
Silver	ND	50	98.8	102	3.39	10	92.1	95.4	3.48	75 - 125	20	75 - 125	20
Thallium	ND	50	99.1	103	3.50	10	90.7	92.9	2.37	75 - 125	20	75 - 125	20
Vanadium	54	50	NR	NR	NR	10	92.6	94.8	2.32	75 - 125	20	75 - 125	20
Zinc	78	500	102	103	1.20	100	117	99.3	16.5	75 - 125	20	75 - 125	20
%SS:	93	500	93	96	3.95	500	91	94	3.32	70 - 130	20	70 - 130	20
	93	500	93	96	3.95	500	91	94	3.32	70 - 130			

BATCH 55563 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracte	ed Date Analyzed
1101217-001A	01/11/11 1:55 PM	01/13/11 (01/14/11 11:51 AM	1101217-001A	01/11/11 1:55 PM	01/13/11	01/14/11 11:57 AM

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

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

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

N/A = not applicable to this method.

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



McCampbell A		Web: www.mccampbe	s Road, Pittsburg, CA 9 ll.com E-mail: main@ 2-252-9262 Fax: 925-2	mccampbell.com	
Conestoga-Rovers & Associates	Client Project ID: #311956;	9-0020	Date Sampled:	01/11/11	
5900 Hollis St, Suite A			Date Received:	01/11/11	
5500 Hollis St, Suite H	Client Contact: Nathan Lee	e	Date Reported:	01/14/11	
Emeryville, CA 94608 Client P.O.: Date Completed: 01/2					

WorkOrder: 1101217 A

January 20, 2011

Dear Nathan:

Enclosed within are:

- 1) The results of the 1 analyzed sample from your project: **#311956; 9-0020,**
- 2) A QC report for the above sample,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

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

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

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

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Company: CO										A	TP	9-		F	CLA	1	t														1	**Indicate
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Project #: 3//	956		F	rojec	t Nai	me:	4	7-	-00	2	0	_	_	801	WITH SILICH	1	8.1)	S)	1208		clors		des)			3	0/6	0/60		tals a		dangerous to
Project Location	: 1633 F	ARR	SON	51	RE	E	T	0	AK	A	YC	C	A	8021+	S	1	\$ (4)	HVC	1 to	ides)	Aro		rbici		(5	PN	601	6010	6) mel	T.H.	handle:
Sampler Signatu	re: Ka		-		_	_	_	_		_	1.2.2			1.	H	- inter	rhon	021 (ex.	estic	ILV;	cides	I Hei	003	/00	WHY I	90.8	0.8 /	2002	VED	2	
-		SAMI	PLING		s		MA	TR	IX	Р	ME	SER	VED	Gas (602	00 (200	droca	10/8	LY (E	(CI P	8's ON	Pesti	idie C	(V) 093	(2) (S)	10 (P/	0.7/2	0.7 / 20	6010	SSOL	rpe	
SAMPLE ID	LOCATION/ Field Point Name	Date	Time	# Containers	Type Containers				9					TPH as	8	Total Petroleum Oil &	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX ONLY (EPA 5027 8021)	EPA 505/ 608 / 8081 (CI Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHS / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT S Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 6010 76020)	Filter sample for DISSOLVED metals analysis	7 2thr per	
	Tame	Date	Tune	# Con	Type C	Water	Soil	Air.	Sludge	ICE	ICH.	HNO.	Other	BTEX & TPH	TPH as I	Total Pet	Total Pe	EPA 502	MTBE /	EPA 505	EPA 608	EPA 507	EPA 515	EPA 524	EPA 525	EPA 82	CAM 17	LUFT 5	Lead (20	Filter sat	CAMI-	
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byitra@craworld.com

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			Bil	I to:		Re	quested TAT:	1 day
cc: PO:	byifru@craworld.o	com		Conestoga-R 5900 Hollis S	tovers & Assoc t, Ste. A	ciates Da	te Add-On:	01/11/2011 01/13/2011 01/13/2011
	☐ WaterTr Email: cc: PO:	☐WaterTrax ☐WriteOn Email: nlee@craworld.ce cc: byifru@craworld.c PO:	☐ WaterTrax ☐ WriteOn ✔ EDF Email: nlee@craworld.com cc: byifru@craworld.com	WaterTrax WriteOn ✓ EDF Excel Bil Email: nlee@craworld.com cc: byifru@craworld.com PO:	WorkOrder: 1101217 □ WaterTrax WriteOn ✓ EDF □ Excel □ Fax Bill to: Email: nlee@craworld.com Accounts Pay cc: byifru@craworld.com Conestoga-R PO: 5900 Hollis S	WaterTrax WriteOn ✓ EDF Excel ☐ Fax ✓ Email Bill to: Email: nlee@craworld.com Accounts Payable Conestoga-Rovers & Assoc CC byifru@craworld.com Conestoga-Rovers & Assoc 5900 Hollis St, Ste. A	WaterTrax WriteOn WEDF Excel Fax Email HardCopy Bill to: Re Conestoga-Rovers & Associates Da Synth Conternation Syntheon Da PO: Syntheon WriteOn Da	WaterTrax WriteOn WEDF Excel Fax Email HardCopy ThirdParty Bill to: Accounts Payable Conestoga-Rovers & Associates Date Received: Date Add-On: PO: South Action South Action South Action Date Add-On:

							Req	uested	Tests (See leg	gend be	elow)			
Lab ID	Client ID	Matrix	Collection Date Hold	1	2	3	4	5	6	7	8	9	10	11	12
1101217-001	Debris-1	Solid	1/11/2011 13:55	A											

Test Legend:

1	CAM17MS_Solid
6	
11	

2	
7	
12	

3	
8	

4	
9	

5	
10	

Prepared by: Melissa Valles

Comments: CAM17 added per email 24hr TAT 01/13/11.

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.

"When Ouality	Counts"		Teleph	one: 877-252-9262	Fax: 925-252-9269			
Conestoga-Rovers & Associates	Client l	Project ID: #	311956; 9-0020	Date Samp	led: 01/11/11			
				Date Recei	ved: 01/11/11	01/11/11		
5900 Hollis St, Suite A	Client	Cantaati Na	then I as					
		Contact: Na	ithan Lee	Date Extra	cted: 01/13/11			
Emeryville, CA 94608	Client I	P.O.:		Date Analy	/zed 01/15/11-01	/19/11		
		CAM / CCF	R 17 Metals*					
Lab ID	1101217-001A				Reporting Lin	mit for DF –		
Client ID	Debris-1				ND means	not detected		
Matrix	S				S	W		
Extraction Type	TOTAL				mg/Kg	mg/L		
	I	CP Metals, C	oncentration*		I			
Analytical Method: SW6020		Extraction Method			Work Order:	1101217		
Dilution Factor	1				1	1		
Antimony	6.9				0.5	NA		
Arsenic	4.6				0.5	NA		
Barium	110				5.0	NA		
Beryllium	ND				0.5	NA		
Cadmium	21				0.25	NA		
Chromium	27				0.5	NA		
Cobalt	4.1				0.5	NA		
Copper	150				0.5	NA		
Lead	4100				0.5	NA		
Mercury	0.41				0.05	NA		
Molybdenum	ND				0.5	NA		
Nickel	24				0.5	NA		
Selenium	0.74				0.5	NA		
Silver	ND				0.5	NA		
Thallium	ND				0.5	NA		
Vanadium	18				0.5	NA		
Zinc	2100				5.0	NA		
%SS:	93							
Comments								
water samples are reported in µg/L, prod ng/L, soil/sludge/solid samples in mg/kg,				LC / DISTLC / SP	LP extracts are repo	orted in		

this sample or instrument.

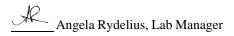
TOTAL = Hot acid digestion of a representative sample aliquot.

TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.

DISS = Dissolved metals by direct analysis of 0.45 μ m filtered and acidified sample.

%SS = Percent Recovery of Surrogate Standard

DF = Dilution Factor





"When Ouality Counts"

QC SUMMARY REPORT FOR SW6020

W.O. Sample Matrix: Solid

QC Matrix: Soil

WorkOrder 1101217

EPA Method SW6020			Extract	tion SW3	3050B		BatchID	: 55563	Spik	ed Sample	ID:	1101211-012A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acc	eptanc	e Criteria (%	5)		
, analyto	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RP		
Antimony	0.76	50	97.6	101	3.74	10	88.5	92.1	3.95	75 - 125	20	75 - 125	20		
Arsenic	9.5	50	99.5	106	5.45	10	95.9	98	2.18	75 - 125	20	75 - 125	20		
Barium	ND	500	103	109	4.01	100	89.8	92.3	2.66	75 - 125	20	75 - 125	20		
Beryllium	0.61	50	81.8	83.8	2.29	10	88.2	90.9	3.07	75 - 125	20	75 - 125	20		
Cadmium	ND	50	98.6	103	3.98	10	93.1	95.3	2.36	75 - 125	20	75 - 125	20		
Chromium	66	50	NR	NR	NR	10	93.3	97.9	4.74	75 - 125	20	75 - 125	20		
Cobalt	16	50	91.6	95.3	3.01	10	99.9	103	3.03	75 - 125	20	75 - 125	20		
Copper	35	50	95.1	101	3.56	10	103	105	1.83	75 - 125	20	75 - 125	20		
Lead	11	50	97.3	101	3.38	10	91.3	93.8	2.61	75 - 125	20	75 - 125	20		
Mercury	0.066	1.25	94.1	97.4	3.25	0.25	99.3	102	2.35	75 - 125	20	75 - 125	20		
Molybdenum	0.99	50	101	105	3.89	10	90.8	94.6	4.14	75 - 125	20	75 - 125	20		
Nickel	100	50	NR	NR	NR	10	94.6	95.4	0.874	75 - 125	20	75 - 125	20		
Selenium	ND	50	97.8	101	3.57	10	89.7	99	9.81	75 - 125	20	75 - 125	20		
Silver	ND	50	98.8	102	3.39	10	92.1	95.4	3.48	75 - 125	20	75 - 125	20		
Thallium	ND	50	99.1	103	3.50	10	90.7	92.9	2.37	75 - 125	20	75 - 125	20		
Vanadium	54	50	NR	NR	NR	10	92.6	94.8	2.32	75 - 125	20	75 - 125	20		
Zinc	78	500	102	103	1.20	100	117	99.3	16.5	75 - 125	20	75 - 125	20		
%SS:	93	500	93	96	3.95	500	91	94	3.32	70 - 130	20	70 - 130	20		

BATCH 55563 SUMMARY

Lab ID	Date Sampled	Date Extracte	d Date Analyzed	Lab ID	Date Sampled	Date Extracte	d Date Analyzed
1101217-001A	01/11/11 1:55 PM	01/13/11	01/15/11 1:00 AM	1101217-001A	01/11/11 1:55 PM	01/13/11	01/19/11 10:54 PM
1101217-001A	01/11/11 1:55 PM	01/13/11	01/19/11 11:03 PM				

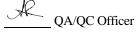
MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

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

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

N/A = not applicable to this method.

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



McCampbell A		1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269							
Conestoga-Rovers & Associates	Client Project ID: #311956;	Chevron 9-0020	Date Sampled:	01/25/11					
5900 Hollis St, Suite A			Date Received:	01/25/11					
5500 Homs Br, Bute H	Client Contact: Nathan Lee	e	Date Reported:	01/26/11					
Emeryville, CA 94608	Client P.O.:		Date Completed:	01/26/11					

WorkOrder: 1101563

January 26, 2011

Dear Nathan:

Enclosed within are:

- 1) The results of the 1 analyzed sample from your project: **#311956; Chevron 9-0020,**
- 2) A QC report for the above sample,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

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

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

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

Report To:NAT		1534 WI PITTSBU ccampbe 7) 252-92	LLOW PA URG, CA 9 <u>II.com</u> Er 262	SS RO 4565-1 nail: n Bill Te	oAD 701 nain@ Fax 0: N	C mcc : (92) 25) 2	5 252	-926	9	5					IRN		RO	UN	D T		PI Ch)F eck	RU: IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	SH E:	24 xce	HR		Wr	HR ite nd "		2 11 (D lag	W) Comments
Company: CON 590 Emp Tele: (510) 4 Project #: 311 Project Location Sampler Signatu	20 HOLLIS EPYVILLE 20 - 3333 956 : 1633 HW	ST. CA APERISC	I SUIT	E f E-Mai Fax: 1 Project	4 (510 ct Nai	- es) L me: OA	+20 CH	AN	91- 120 120	CA	ME	TH		1208	112	MO MISHUG GEL	dracar	E PA 403 3 / 601 / 8010 / 8021 / H VOCA	MTRE / RTEN ONI VIEDA 600 / 800 / 800 /	((CI Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	P Pesticides)	EPA \$157 8151 (Acidic CI Herbicides)	260 (VOCs)	270 (SVOC3)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	/ 6010 / 6020)	Filter sample for DISSOLVED metals analysis	FULL SCAN		** Indicate here if these samples are potentially dangerous to handle:
SAMPLE ID	LOCATION/ Field Point Name	Date	Time	# Containers	Type Containers	Water	Soil	Air	Sludge	ICE	ICE	HUD.	Other	HIPCE TPH as Gas (602 /		Total Petroleum Water	Total Peterleum H	F.P.A. 502 5.1601 / 8	MTRE / RTPX ON	EPA 505/ 608 / 8081 (CI Pesticides)	EPA 608 / 8082 PC	EPA S07 / 8141 (NP Pesticides)	EPA \$15/ \$151 (A	EPA 524.2 / 624 / 8260 (VOCs)	EPA \$25.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8:	CAM 17 Metals (20	LUFT 5 Metals (20	Lead (200.7 / 200.8 / 6010 / 6020)	Filter sample for D	8260 FU		
OT - 1							×			7											×						×				×		
Relinquished By: Relinquished By: Relinquished By: Relinquished By:	ple handling by lafely.			Rece Rece		in im								IC G H D A P	CE/I GOO IEAI DECI PPI RES		ONDI ACE RINA ED I	TIO ABS TEI E CO N L	ENT DIN AB	LAB	bility	for I	C	suff	ered.	A	ink y	ou fo	AME	ur ur	iders	tand	ling and for

Contingent analyses

- Organic lead required if TTLC lead ≥ 13 mg/kg
- Aquatic bioassay required if any TPH (gasoline, diesel, or motor oil) ≥ 5,000 mg/kg
- TCLP benzene required if benzene ≥ 10 mg/kg
- · TCLP and STLC required for metals per table below

Metal	Trigger level TTLC (mg/kg)	Requirement
Antimony	150	STLC required if TTLC ≥ 150 mg/kg
Arsenic	50/100	STLC required if TTLC \geq 50 mg/kg; STLC and TCLP required if TTLC \geq 100 mg/kg
Barium	1,000/2,000	STLC required if TTLC \geq 1,000 mg/kg; STLC and TCLP required if TTLC \geq 2,000 mg/kg
Beryllium	7.5	STLC required if TTLC \geq 7.5 mg/kg
Cadmium	10/20	STLC required if TTLC \geq 10 mg/kg; STLC and TCLP required if TTLC \geq 20 mg/kg
Chromium	50/100	STLC required if TTLC \geq 50 mg/kg; STLC and TCLP required if TTLC \geq 100 mg/kg
Cobalt	800	STLC required if TTLC ≥ 800 mg/kg
Copper	250	STLC required if TTLC ≥ 250 mg/kg
Lead	50/100	STLC required if TTLC \geq 50 mg/kg; STLC and TCLP required if TTLC \geq 100 mg/kg
Mercury	2/4	STLC required if TTLC $\geq 2 \text{ mg/kg}$; STLC and TCLP required if TTLC $\geq 4 \text{ mg/kg}$
Molybdenum	350	STLC required if TTLC \geq 350 mg/kg
Nickel	200	STLC required if TTLC \geq 200 mg/kg
Selenium	10/20	STLC required if TTLC \geq 10 mg/kg; STLC and TCLP required if TTLC \geq 20 mg/kg
Silver	. 50/100	STLC required if TTLC \geq 50 mg/kg; STLC and TCLP required if TTLC \geq 100 mg/kg
Thallium	70	STLC required if TTLC \geq 70 mg/kg
Vanadium	240	STLC required if TTLC ≥ 240 mg/kg
Zinc	2,500	STLC required if TTLC ≥ 2,500 mg/kg

PLEASE CONTACT NATHAN LEE @ (510)420-3333 IF CAMIT RESULTS EXCEED ANY OF THE ABOVE TRIGGER LEVELS.

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	C

534 Willow Pass Rd ttsburg CA 94565 1701

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

(925) 252-9262				WorkOr	der: 110156	3 Clie	ntCode: CETE		
	WaterTrax	WriteOn	EDF	Excel	Fax	🖌 Email	HardCopy	ThirdParty	J-flag
Report to:				Bi	I to:		Ree	quested TAT:	1 day
Nathan Lee Conestoga-Rovers & Associates 5900 Hollis St, Suite A	CC: PO:	nlee@craworld.c			5900 Hollis	Rovers & Assoc St, Ste. A	Da	te Received:	
Emeryville, CA 94608 (510) 420-3327 FAX (510) 420-9170	•	#311956; Chevro	on 9-0020		Emeryville, (CA 94608	Da	te Printed:	01/25/2011
					1	Requested Te	sts (See legend l	below)	

Lab ID	Client ID	Matrix	Collection Date Hol	d 1	2	3	4	5	6	7	8	9	10	11	12
1101563-001	OT 1	Soil	1/25/2011 9:30		٨	۸	^				-				
1101563-001	01-1	2011	1/25/2011 9:30	A	A	A	A								

Test Legend:

1 8082A_PCB_S] [2
6] [7
11] [1	12

2	8260B+7OXY_S	
7		
12		

3	CAM17MS_S	
8		

_	
4	TPH(DMO)WSG_S
9	

E	5	
ſ	10	

Prepared by: Maria Venegas

The following SampID: 001A contains testgroup.

Comments: 24hr Rush

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



"When Ouality Counts"

Sample Receipt Checklist

Client Name:	Conestoga-Rove	rs & Associa	tes		Date a	nd Time Received:	1/25/2011	3:38:53 PM		
Project Name:	#311956; Chevro	n 9-0020			Check	list completed and re	eviewed by:	Maria Venegas		
WorkOrder N°:	1101563	Matrix Soil			Carrier	Client Drop-In				
		<u>C</u>	hain of Cu	stody (C	OC) Informa	tion				
Chain of custody	present?		Yes	\checkmark	No 🗆					
Chain of custody	signed when relinqui	shed and receive	ed? Yes	✓	No 🗆					
Chain of custody	agrees with sample l	abels?	Yes	✓	No 🗌					
Sample IDs noted	by Client on COC?		Yes	\checkmark	No 🗆					
Date and Time of	collection noted by Cli	ent on COC?	Yes	✓	No 🗆					
Sampler's name r	noted on COC?		Yes	✓	No 🗆					
Sample Receipt Information										
Custody seals int	tact on shipping conta	iner/cooler?	Yes		No 🗆		NA 🔽			
Shipping containe	er/cooler in good cond	ition?	Yes	✓	No 🗆					
Samples in prope	er containers/bottles?		Yes	✓	No 🗆					
Sample containe	rs intact?		Yes	\checkmark	No 🗆					
Sufficient sample	volume for indicated	test?	Yes	✓	No 🗌					
		<u>Sample P</u>	reservatior	and Ho	old Time (HT)	Information				
All samples recei	ved within holding time	e?	Yes	✓	No 🗌					
Container/Temp E	Blank temperature		Coole	r Temp:	11.2°C		NA 🗆			
Water - VOA vial	ls have zero headspa	ce / no bubbles?	Yes		No 🗆	No VOA vials submi	itted 🗹			
Sample labels ch	necked for correct pres	servation?	Yes	✓	No 🗌					
Metal - pH accept	table upon receipt (pH	<2)?	Yes		No 🗆		NA 🗹			
Samples Receive	ed on Ice?		Yes	✓	No 🗆					
		(Ice	e Type: WE	TICE)					
* NOTE: If the "N	lo" box is checked, se	e comments be	low.							

Client contacted:

Date contacted:

Contacted by:

Comments:

McCampbell Ar	<u>nc.</u>	1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269							
Conestoga-Rovers & Associates	Client P 0020	roject ID: 4	#31195	6; Chevron 9-	Date Sampled:				
5900 Hollis St, Suite A		Date Received:							
	Client C	Contact: Na	than L	ee	Date Extracted:	01/25/11			
Emeryville, CA 94608	01/25/11								
Pe	lychlorinated B	iphenyls (P	CBs) A	roclors by GC-	ECD*				
Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1101563									
Lab ID	1101563-001A OT-1								
Client ID	01-1					Reporting DF			
Matrix	S								
DF	1000					S	W		
Compound			mg/kg	ug/L					
Aroclor1016	ND<50					0.05	NA		
Aroclor1221	ND<50					0.05	NA		
Aroclor1232	ND<50					0.05	NA		
Aroclor1242	ND<50					0.05	NA		
Aroclor1248	ND<50					0.05	NA		
Aroclor1254	ND<50					0.05	NA		
Aroclor1260	ND<50					0.05	NA		
PCBs, total	ND<50					0.05	NA		
	Sur	rogate Reco	overies	s (%)					
%SS:	#								
Comments	Comments a3,h4								
 * water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L. ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis. 									
# surrogate diluted out of range or surrog %SS = Percent Recovery of Surrogate Sta DF = Dilution Factor	ate coelutes with a		, 1V/A III	eans analyte not a	ppileable to this anal	ysis.			
a3) sample diluted due to high organic co h4) sulfuric acid permanganate (EPA 366									

Angela Rydelius, Lab Manager

WcCampbell A "When Ouali		<u>nc.</u>		Web: www.mccamp	Pass Road, Pittsburg, Ca obell.com E-mail: mai 877-252-9262 Fax: 92	n@mccampbell.com		
Conestoga-Rovers & Associates	Client I 0020	Project ID	: #311	1956; Chevron 9-	01/25/11			
5900 Hollis St, Suite A	0020				Date Received:	01/25/11		
5900 Hollis St, Suite A	Client	Contact: 1	Nathar	n Lee	Date Extracted:	01/25/11		
Emeryville, CA 94608	Emeryville, CA 94608 Client P.O.:					01/25/11		
Vola	tiles Organics + (Dxygenat	es by F	P&T and GC/MS (Basic Target List	<u>;</u>)*		
Extraction Method: SW5030B	C	Analytic	al Metho	od: SW8260B	0	Work Order: 1101	563	
Lab ID				110156	3-001A			
Client ID				ОТ	-1			
Matrix				So	il			
Compound	Concentration *	DF	Reporting Limit	Compou	nd	Concentration *	DF	Reporting Limit
Acetone	ND<20	400	0.05	tert-Amyl methyl e	ther (TAME)	ND<2.0	400	0.005
Benzene	ND<2.0	400	0.005	Bromobenzene	· · · ·	ND<2.0	400	0.005
Bromochloromethane	ND<2.0	400	0.005	Bromodichlorometh	nane	ND<2.0	400	0.005
Bromoform	ND<2.0	400	0.005	Bromomethane		ND<2.0	400	0.005
2-Butanone (MEK)	ND<8.0	400	0.02	t-Butyl alcohol (TB	A)	ND<20	400	0.05
n-Butyl benzene	2.4	400	0.005	sec-Butyl benzene		ND<2.0	400	0.005
tert-Butyl benzene	ND<2.0	400	0.005	Carbon Disulfide		ND<2.0	400	0.005
Carbon Tetrachloride	ND<2.0	400	0.005	Chlorobenzene		ND<2.0	400	0.005
Chloroethane	ND<2.0	400	0.005	Chloroform		ND<2.0	400	0.005
Chloromethane	ND<2.0	400	0.005	2-Chlorotoluene		ND<2.0	400	0.005
4-Chlorotoluene	ND<2.0	400	0.005	Dibromochloromethane		ND<2.0	400	0.005
1,2-Dibromo-3-chloropropane	ND<1.6	400	0.004	1,2-Dibromoethane	(EDB)	ND<1.6	400	0.004
Dibromomethane	ND<2.0	400	0.005	1,2-Dichlorobenzene		ND<2.0	400	0.005
1,3-Dichlorobenzene	ND<2.0	400	0.005	1,4-Dichlorobenzene		ND<2.0	400	0.005
Dichlorodifluoromethane	ND<2.0	400	0.005	1,1-Dichloroethane		ND<2.0	400	0.005
1,2-Dichloroethane (1,2-DCA)	ND<1.6	400	0.004	1,1-Dichloroethene		ND<2.0	400	0.005
cis-1,2-Dichloroethene	ND<2.0	400	0.005	trans-1,2-Dichloroe	ethene	ND<2.0	400	0.005
1,2-Dichloropropane	ND<2.0	400	0.005	1,3-Dichloropropar	ie	ND<2.0	400	0.005
2,2-Dichloropropane	ND<2.0	400	0.005	1,1-Dichloroproper	ie	ND<2.0	400	0.005
cis-1,3-Dichloropropene	ND<2.0	400	0.005	trans-1,3-Dichloror	propene	ND<2.0	400	0.005
Diisopropyl ether (DIPE)	ND<2.0	400	0.005	Ethanol		ND<200	400	0.5
Ethylbenzene	5.0	400	0.005	Ethyl tert-butyl eth	er (ETBE)	ND<2.0	400	0.005
Freon 113	ND<40	400	0.1	Hexachlorobutadien	e	ND<2.0	400	0.005
Hexachloroethane	ND<2.0	400	0.005	2-Hexanone		ND<2.0	400	0.005
Isopropylbenzene	ND<2.0	400	0.005	4-Isopropyl toluene	;	ND<2.0	400	0.005
Methanol	ND<2000	400	5.0	Methyl-t-butyl ethe	er (MTBE)	ND<2.0	400	0.005
Methylene chloride	ND<2.0	400	0.005	4-Methyl-2-pentan	one (MIBK)	ND<2.0	400	0.005
Naphthalene	17	400	0.005	n-Propyl benzene		2.4	400	0.005
Styrene	ND<2.0	400	0.005	1,1,1,2-Tetrachloro	oethane	ND<2.0	400	0.005
1,1,2,2-Tetrachloroethane	ND<2.0	400	0.005	Tetrachloroethene		ND<2.0	400	0.005
Toluene	14	400	0.005	1,2,3-Trichlorobenz		ND<2.0	400	0.005
1,2,4-Trichlorobenzene	ND<2.0	400	0.005	1,1,1-Trichloroetha	ine	ND<2.0	400	0.005
1,1,2-Trichloroethane	ND<2.0	400	0.005	Trichloroethene		ND<2.0	400	0.005
Trichlorofluoromethane	ND<2.0	400	0.005	1,2,3-Trichloroprop		ND<2.0	400	0.005
1,2,4-Trimethylbenzene	28	400	0.005	1,3,5-Trimethylben	zene	6.9	400	0.005
Vinvl Chloride	ND<2.0	400	0.005	Xvlenes		32	400	0.005
		Surrog	gate Re	coveries (%)				
%SS1:	8	3		%SS2:		9	7	
%SS3:		3						

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

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

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

%SS = Percent Recovery of Surrogate Standard

DF = Dilution Factor

"When Ouality	Counts"		Telephor	ne: 877-252-9262 F	ax: 925-252-9269		
Conestoga-Rovers & Associates		•	#311956; Chevron 9- Date Sampled: 01/25/11				
	002	20		Date Receiv	ved: 01/25/11		
5900 Hollis St, Suite A	Cl	ient Contact: Na	than Lee	Date Extract	ted: 01/25/11		
Emeryville, CA 94608	Cli	ient P.O.:		Date Analyz	zed 01/26/11		
		CAM / CCR	17 Metals*	Duterinary			
	1			1			
Lab ID	1101563-	001A			Reporting Lir		
Client ID	OT-1	1			ND means r above the re		
Matrix	S				S	W	
Extraction Type	TOTA	AL			mg/Kg	mg/L	
	•	ICP Metals, C	oncentration*	·		•	
Analytical Method: SW6020	•	Extraction Method	: SW3050B	7	Work Order:	1101563	
Dilution Factor	1				1	1	
Antimony	ND				0.5	NA	
Arsenic	1.6				0.5	NA	
Barium	43				5.0	NA	
Beryllium	ND				0.5	NA	
Cadmium	1.3				0.25	NA	
Chromium	30				0.5	NA	
Cobalt	1.9				0.5	NA	
Copper	7.0				0.5	NA	
Lead	110				0.5	NA	
Mercury	ND				0.05	NA	
Molybdenum	ND				0.5	NA	
Nickel	11				0.5	NA	
Selenium	ND				0.5	NA	
Silver	ND				0.5	NA	
Thallium	ND				0.5	NA	
Vanadium	23				0.5	NA	
Zinc	360				5.0	NA	
%SS:	104						
Comments							
water samples are reported in µg/L, prod	luct/oil/non-	aqueous liquid samt	les and all TCLP / STI	C / DISTLC / SPI	P extracts are repo	rted in	
ng/L, soil/sludge/solid samples in mg/kg,				C / DISTLC / SFL	i entracto are repo	ittu ill	

TOTAL = Hot acid digestion of a representative sample aliquot.

TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.

DISS = Dissolved metals by direct analysis of 0.45 μ m filtered and acidified sample.

%SS = Percent Recovery of Surrogate Standard

DF = Dilution Factor

	McCampbell Analyti	cal, Inc.	1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269						
Conestog	ga-Rovers & Associates	Client Project ID: 0020	D: #311956; Chevron 9- Date Sample			/25/11			
5900 Holl	lis St, Suite A	0020		Date Received: 01/25/11					
, ,		Client Contact: N	lathan Lee	Date Extract	ed: 01	/25/11			
Emeryvill	e, CA 94608	Client P.O.:		Date Analyz	ed 01.	/26/11			
			ntile Hydrocarbons as G	asoline*					
Extraction met	Client ID	Analytical n Matrix		DF	rk Order: % SS	Comments			
001A	OT-1	S	TPH(g) 1900		100	#	d7,d9		
001A	01-1		1900		100	#	07,09		
	Reporting Limit for DF =1;	W	NA			NA			
	ND means not detected at or above the reporting limit	S	1.0			mg/Kg	ŗ		

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

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

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

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

d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram d9) no recognizable pattern

DHS ELAP Certification 1644



	Campbell Anal "When Ouality Cour		<u>nc.</u>	Web: www.	1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269						
Conestoga-Ro	vers & Associates		roject I	D: #311956; Chevron 9- Date Sampled:			01/25/11				
5900 Hollis St,	Suite A	0020				Date Received:	01/25/	11			
5500 1101118 51,	Suite A	Client C	Contact	: Nathan Lee	Date Extracted:	01/25/	11				
Emeryville, CA	94608	Client P.	.0.:			Date Analyzed:	01/26/	11			
	Total			um Hydrocarbons with	Silica	Gel Clean-Up*					
Extraction method:	SW3550B/3630C	A	Analytical	methods: SW8015B	1		W	ork Order:	1101563		
Lab ID	Client ID	М	atrix	TPH-Diesel T (C10-C23)		PH-Motor Oil (C18-C36)	DF	% SS	Comments		
1101563-001A	OT-1		S	14,000		75,000	500	#	e7,e2,e11		

Reporting Limit for $DF = 1$;	W	NA	NA	ug/L
ND means not detected at or above the reporting limit	S	1.0	5.0	mg/Kg

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

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

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

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

e2) diesel range compounds are significant; no recognizable pattern

e7) oil range compounds are significant

e11) stoddard solvent/mineral spirit (?)





"When Ouality Counts"

QC SUMMARY REPORT FOR SW8082

W.O. Sample Matrix: Soil Q			QC Matri	C Matrix: Soil				BatchID: 55781			WorkOrder 1101563		
EPA Method SW8082 Extraction SW3550B							5	Spiked San	nple ID	: 1101538-0	19A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCS LCSD LCS-LCSD Accept			eptance	nce Criteria (%)		
	mg/kg	mg/kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD	
Aroclor1260	ND	0.15	89.1	88.3	0.715	87.2	90.5	3.73	70 - 130	20	70 - 130	20	
%SS:	119	0.050	121	122	0.933	103	101	1.81	70 - 130	20	70 - 130	20	
All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE													

BATCH 55781 SUMMARY

Lab ID	ID Date Sampled Date Extracted Date An		Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101563-001A	01/25/11 9:30 AM	1 01/25/11	01/25/11 9:58 PM				

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

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

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

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

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

QA/QC Officer



"When Ouality Counts"

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil			QC Matri	x: Soil			Batch	ID: 55785		WorkC	Drder 11015	63
EPA Method SW8260B	Extrac	ction SW	5030B					5	Spiked San	nple ID	: 1101543-0)02b
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	e Criteria (%)	1
, indigite	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	84.9	84.1	0.897	96.8	95.4	1.45	70 - 130	30	70 - 130	30
Benzene	ND	0.050	110	113	2.66	114	114	0	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	87.8	88.9	1.29	91.9	88.7	3.50	70 - 130	30	70 - 130	30
Chlorobenzene	ND	0.050	109	110	1.36	110	110	0	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	95.9	96.9	1.06	98.4	97.2	1.23	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	100	100	0	103	102	1.26	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	0.050	119	121	1.97	121	121	0	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	116	118	1.48	119	118	0.854	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	101	102	0.930	103	102	0.868	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	108	108	0	110	109	1.18	70 - 130	30	70 - 130	30
Toluene	ND	0.050	113	116	2.63	116	116	0	70 - 130	30	70 - 130	30
Trichloroethene	ND	0.050	114	119	3.86	119	118	0.594	70 - 130	30	70 - 130	30
%SS1:	81	0.13	95	95	0	96	94	1.53	70 - 130	30	70 - 130	30
%SS2:	108	0.13	103	103	0	104	102	1.12	70 - 130	30	70 - 130	30
%SS3:	96	0.013	91	93	1.85	92	92	0	70 - 130	30	70 - 130	30
All target compounds in the Method E NONE	Blank of this	extraction	batch we	re ND les	s than the	method R	L with th	e following	exceptions:			

BATCH 55785 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101563-001A	01/25/11 9:30 AM	1 01/25/11	01/25/11 5:51 PM				

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

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

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

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

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

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



"When Ouality Counts"

QC SUMMARY REPORT FOR SW6020

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder 1101563

EPA Method SW6020			Extract	ion SW3	3050B		BatchID	: 55717	Spik	ed Sample	ID:	1101444-00	3A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acc	eptanc	e Criteria (%	»)
Analyte	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Antimony	ND	50	99.2	96.5	2.76	10	92.3	88.9	3.79	75 - 125	20	75 - 125	20
Arsenic	2.3	50	103	97.6	4.91	10	97.5	98	0.552	75 - 125	20	75 - 125	20
Barium	75	500	104	102	2.27	100	94.7	92	2.92	75 - 125	20	75 - 125	20
Beryllium	ND	50	86.5	83.4	3.65	10	90.2	88.2	2.29	75 - 125	20	75 - 125	20
Cadmium	ND	50	102	99.3	3.08	10	97.5	95	2.56	75 - 125	20	75 - 125	20
Chromium	11	50	97.5	90.3	6.16	10	100	96.2	4.13	75 - 125	20	75 - 125	20
Cobalt	5.4	50	106	102	3.20	10	107	104	2.65	75 - 125	20	75 - 125	20
Copper	13	50	103	94.3	7.30	10	81.3	75.4	7.58	75 - 125	20	75 - 125	20
Lead	49	50	105	101	2.24	10	97.4	95.1	2.43	75 - 125	20	75 - 125	20
Mercury	0.092	1.25	98.3	96.4	1.83	0.25	98.9	96.2	2.75	75 - 125	20	75 - 125	20
Molybdenum	ND	50	99.5	97.6	1.89	10	95.1	91.2	4.23	75 - 125	20	75 - 125	20
Nickel	7.3	50	102	95.4	6.07	10	102	95.9	6.42	75 - 125	20	75 - 125	20
Selenium	ND	50	106	109	2.72	10	106	102	3.85	75 - 125	20	75 - 125	20
Silver	ND	50	101	98	3.06	10	97.8	94.6	3.34	75 - 125	20	75 - 125	20
Thallium	ND	50	101	98.5	2.49	10	94	92.4	1.64	75 - 125	20	75 - 125	20
Vanadium	34	50	101	89.9	6.61	10	96.3	94	2.44	75 - 125	20	75 - 125	20
Zinc	51	500	104	97.7	6.04	100	97	95.1	2.00	75 - 125	20	75 - 125	20
%SS:	95	500	96	95	0.712	500	99	96	3.40	70 - 130	20	70 - 130	20

BATCH 55717 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101563-001A	01/25/11 9:30 AM	01/25/11	01/26/11 6:16 AM	1101563-001A	01/25/11 9:30 AM	01/25/11	01/26/11 1:21 PM

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

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

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

N/A = not applicable to this method.

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

A QA/QC Officer



"When Ouality Counts"

QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil			QC Matri	x: Soil			Batch	ID: 55736		WorkC	Order 11015	63
EPA Method SW8015Bm	Extra	ction SW	5030B					5	Spiked San	nple ID	: 1101485-0	01A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%)	
Analyte	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex [£]	ND	0.60	119	112	6.30	120	126	4.78	70 - 130	20	70 - 130	20
MTBE	ND	0.10	115	112	2.95	116	116	0	70 - 130	20	70 - 130	20
Benzene	ND	0.10	96.9	94.6	2.39	94.8	93.6	1.29	70 - 130	20	70 - 130	20
Toluene	ND	0.10	93.8	91.7	2.18	92.6	90.4	2.34	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	93.7	91.2	2.71	93	90.6	2.59	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	93.5	90.6	3.18	92.8	90.5	2.57	70 - 130	20	70 - 130	20
%SS:	77	0.10	99	96	2.49	93	93	0	70 - 130	20	70 - 130	20
All target compounds in the Metho NONE	d Blank of this	extraction	batch we	re ND les	s than the	method R	L with th	e following	exceptions:			

BATCH 55736 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101563-001A	01/25/11 9:30 AM	1 01/25/11	01/26/11 11:15 AM				

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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

A QA/QC Officer



"When Ouality Counts"

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil			QC Matri	k: Soil			Batch	ID: 55807		WorkC	Order 11015	63
EPA Method SW8015B	Extra	ction SW	3550B/36	530C				5	Spiked San	nple ID	: 1101563-0	01A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%)	
Analyte	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	14,000	40	NR	NR	NR	118	119	1.51	70 - 130	30	70 - 130	30
%SS:	#	25	#	#	N/A	84	83	1.08	70 - 130	30	70 - 130	30
All target compounds in the Methe NONE	od Blank of this	extraction	batch we	re ND les	s than the	method R	L with th	e following	exceptions:			

BATCH 55807 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1101563-001A	01/25/11 9:30 AM	I 01/25/11	01/26/11 10:58 AM				

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

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

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

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

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

QA/QC Officer

McCampbell A		Web: www.mccampbe	ss Road, Pittsburg, CA 9 Il.com E-mail: main@ 7-252-9262 Fax: 925-2	mccampbell.com
Conestoga-Rovers & Associates	Client Project ID: #311956;	Chevron 9-0020	Date Sampled:	04/06/11
5900 Hollis St, Suite A			Date Received:	04/06/11
5500 Homs Br, Bute M	Client Contact: Nathan Le	e	Date Reported:	04/07/11
Emeryville, CA 94608	Client P.O.:		Date Completed:	04/07/11

WorkOrder: 1104140

April 07, 2011

Dear Nathan:

Enclosed within are:

- 1) The results of the 2 analyzed samples from your project: **#311956; Chevron 9-0020,**
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

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

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

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

	McCAMP /ebsite: <u>www.m</u> elephone: (877	1534 WII PITTSBU ccampbel	LLOW PA RG, CA 9 Leom Er	SS RC 4565-1	DAD 701 nain@	mce	amp	bel	1	1	4	14	0		TUR Geo'			ot	INI	DT	IM G	E PI)F	RU	SH E	24 XCe		2	48 Wr	HR ite		0
Report To:NAT	E LEE ((RA)	1	Bill T	0: NA	TE	L	EE	(0	RA))					_			ð	Anal		_			-	_		_			ther	Comments
Company: CP-/ 590 Tele: (5\0) W Project #: 3110 Project Location Sampler Signatu	20 HOLLIS 120-3344 956 1: 1633 HAR	ST. S	SUITE I I ST.	A E-Ma Fax: Project	EME il: nL (510 ct Nar	EYI EE) i me:	0C 420 CH	E. RA	CA Mol	9 220 2	46 1. G	00	20	1 8021 + (1) / (1) + 1208/2	SILKA GEL CLEMUP	Oil & Grease (1664 / 5520 E/B&F)	rbons (418.1)	021 (HVOCs)	PA 602 / 8021)	esticides)	EPA 608 / 8082 PCB's ONLY; Araclars / Congeners	cides)		DCS) AND LEND SCHUS		(Hs / PNAs)	00.8 / 6010 / 6020)	0.8 (6010) 6020)	(6020)	sample for DISSOLVED metals analysis	WI SELLON CEL	**Indicate here if these samples are potentially dangerous to handle:
SAMPLE ID	LOCATION/ Field Point Name	SAMF Date	Time	# Containers	Type Containers	Water	Soil	1	Sludge XI Other	PI	RES	CONH CONH	ED	TPH as Gas (60)	TPH as Diesel (8015) W	Total Petroleum Oil & Gr	Total Petroleum Hydrocarhons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX ONLY (EPA 602 / 8021)	EPA 505/ 608 / 8081 (C1 Pesticides)	CPA 608 / 8082 PCB's ON	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic CI Herbicides)	EPA 524.2 / 624 8260 VOCs) +	EPA 525.2 / 625 (8270) SVOCS)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 (6010) 6020)	Lead (200.7 / 200.8 / 6010 / 6020)	Filter sample for DISSOL	TPH as MODE O	
OT-2	OT	201/04	1030	1	TUBE	1	X	1		×	-	-	-	X	×		-	-		-	×	-	-	X	X	-	-	X	-	-	×	
OT-3	OT	2011/041	1040	1	TUBE		X	+	-	×	-			X	X		-	-	-	-	X			X	X		-	V	-	-	×	
																		*													•	
** MAI clients MUST gloved, open air, sam allowing us to work s Relinquished By: Relinquished By: Relinquished By:	aple handling by ! safely.	Date: 2019/04 2019/04 04 04 04 04 04 04 04 04 04 04 04 04 0	Time: Time: TH.30 Time: Time: Time:	Rece	eived B	y:	in the media	eir s ate 5	submi S250 s	urch	sam narg	ples e and	in co	ICI GC HE AP PR	E/I [®] E/I [®] SAD S CHL PRO RESE	SPAC CON SPAC OR PRI RVE	VDIT CE A INATE	TON ABSE FED CO! (LA) V(Iegal	AB	ility RS	for h	arm C	suffe	ered.	Tha	NA So	CON	IME LE		dersta	es a result of brief, ading and for



1534 Willow Pass Rd Pittsburg, CA 94565-1701

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

(925) 252-9262				WorkOr	der: 110414	0 Client	Code: CETE		
	WaterTrax	WriteOn	EDF	Excel	Fax	✓ Email	HardCopy	ThirdParty	J-flag
Report to:				Bil	II to:		Rec	quested TAT:	1 day
Nathan Lee	Email: r	nlee@craworld.c	om		Accounts Pa	ayable			
Conestoga-Rovers & Associates	CC:				Conestoga-	Rovers & Associa			
5900 Hollis St, Suite A	PO:				5900 Hollis	St, Ste. A	Dat	te Received:	04/06/2011
Emeryville, CA 94608	ProjectNo: #	#311956; Chevro	on 9-0020		Emeryville, (CA 94608	Dat	te Printed:	04/06/2011
(510) 420-3327 FAX (510) 420-9170					·				
						Poguostod Tosts	(Soo logond k		

					d 1 2 3 4 5 6 7 8 9 10 11											
Lab ID	Client ID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
1104140-001	OT-2	Soil	4/6/2011 10:30		А	А	А	А	А	А						
1104140-002	OT-3	Soil	4/6/2011 10:40		А	А	А	А		А						

Test Legend:

1	8082A_PCB_S		2	
6	TPH(D)WSG_S]	7	
11			12	

2	8260B+7OXY_S	
7		
12		1

3	8270D_S
8	

4	LUFT_S
9	

5	PREDF REPORT
10	

The following SampIDs: 001A, 002A contain testgroup.

Prepared by: Melissa Valles

Comments:

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



"When Ouality Counts"

Sample Receipt Checklist

Client Name:	Conestoga-Rove	rs & Associates			Date a	and Time Received:	4/6/2011 4	:32:13 PM
Project Name:	#311956; Chevro	n 9-0020			Check	Melissa Valles		
WorkOrder N°:	1104140	Matrix <u>Soil</u>			Carrie	r: <u>Rob Pringle (M</u>	AI Courier)	
		<u>Chain</u>	of Cu	stody (C	OC) Informa	ation		
Chain of custody	present?		Yes	✓	No 🗆			
Chain of custody	signed when relinqui	shed and received?	Yes	✓	No 🗆			
Chain of custody	agrees with sample l	abels?	Yes	✓	No 🗌			
Sample IDs noted	by Client on COC?		Yes	✓	No 🗆			
Date and Time of	collection noted by Cli	ent on COC?	Yes	✓	No 🗆			
Sampler's name r	noted on COC?		Yes	✓	No 🗆			
		<u>S</u>	ample	Receipt	Information	1		
Custody seals int	tact on shipping conta	iner/cooler?	Yes		No 🗆		NA 🗹	
Shipping containe	er/cooler in good cond	ition?	Yes	✓	No 🗆			
Samples in prope	er containers/bottles?		Yes	✓	No 🗆			
Sample containe	rs intact?		Yes	\checkmark	No 🗆			
Sufficient sample	volume for indicated	test?	Yes		No 🗌			
		Sample Prese	vation	and Ho	old Time (HT)) Information		
All samples recei	ved within holding time	e?	Yes		No 🗌			
Container/Temp E	Blank temperature		Coole	r Temp:	5.2°C		NA 🗆	
Water - VOA vial	ls have zero headspa	ce / no bubbles?	Yes		No 🗆	No VOA vials subm	itted 🗹	
Sample labels ch	necked for correct pres	servation?	Yes		No 🗌			
Metal - pH accept	table upon receipt (pH	<2)?	Yes		No 🗆		NA 🗹	
Samples Receive	ed on Ice?		Yes	✓	No 🗆			
		(Ісе Тур	e: WE	TICE)			
* NOTE: If the "N	lo" box is checked, se	ee comments below.						

Client contacted:

Date contacted:

Contacted by:

Comments:

When Ouality		<u>.</u>	1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269					
Conestoga-Rovers & Associates	Client Pr	roject ID: #3119	04/06/11					
2000 II.11'. Cr. C. 'r. A	0020			Date Received: 04/06/11				
5900 Hollis St, Suite A	Client C	ontact: Nathan	Lee	Date Extracted:	04/06/11			
Emeryville, CA 94608	Client P.	0.:		Date Analyzed:	04/07/11			
Pe	olychlorinated Bi	phenyls (PCBs)	Aroclors by GC-	·ECD*				
Extraction Method: SW3550B	Ana	lytical Method: SW8	082		Work Order:	1104140		
Lab ID	1104140-001A	1104140-002A						
Client ID OT		OT-3			Reporting DF			
Matrix	S	S						
DF	1	1			S	W		
Compound		Con	centration	mg/kg	ug/L			
Aroclor1016	ND	ND			0.05	NA		
Aroclor1221	ND	ND			0.05	NA		
Aroclor1232	ND	ND			0.05	NA		
Aroclor1242	ND	ND			0.05	NA		
Aroclor1248	ND	ND			0.05	NA		
Aroclor1254	ND	ND			0.05	NA		
Aroclor1260	ND	ND			0.05	NA		
PCBs, total	ND	ND			0.05	NA		
	Surr	ogate Recoveri	es (%)					
%SS:	91	91						

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

When Ouali		<u>nc.</u>		Web: www.mccamp	Pass Road, Pittsburg, CA obell.com E-mail: main 877-252-9262 Fax: 92	n@mccampbell.com		
Conestoga-Rovers & Associates Client Project ID: #3			: #311	1956; Chevron 9-	04/06/11			
5000 Hallis St. Suita A	0020				Date Received:	04/06/11		
5900 Hollis St, Suite A	Client (Contact:	Nathar	n Lee	Date Extracted:	04/06/11		
Emeryville, CA 94608	Client P	2.0.:			Date Analyzed:	04/07/11		
Vola	tiles Organics + O	Dxygenat	es by F	P&T and GC/MS (Basic Target List)*		
Extraction Method: SW5030B	0		-	od: SW8260B	8	Work Order: 1104	140	
Lab ID				1104140)-001A			
Client ID				ОТ	-2			
Matrix				So	il			
Compound	Concentration *	DF	Reporting Limit	Compou	nd	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl e	ther (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	· · ·	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichlorometh	nane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane		ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TB	A)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene		ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide		ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene		ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform		ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene		ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromet	nane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)		ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzen	e	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzen	e	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane		ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene		ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroe	thene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropar	e	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloroproper	e	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloror	propene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethanol		ND	1.0	0.5
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl eth	er (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadien	e	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone		ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene		ND	1.0	0.005
Methanol	ND	1.0	5.0	Methyl-t-butyl ethe	<i>(</i>	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentane	one (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene		ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloro	oethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene		ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenz		ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroetha	ine	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene		ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloroprop		ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylben	zene	ND	1.0	0.005
Vinvl Chloride	ND	1.0	0.005	Xvlenes. Total		ND	1.0	0.005
			gate Re	ecoveries (%)			-	
%SS1:	94			%SS2:		11	2	
%SS3:	9'	7						

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

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

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

When Oual		<u>nc.</u>		Web: www.mccamp	Pass Road, Pittsburg, Ca obell.com E-mail: mai 877-252-9262 Fax: 92	n@mccampbell.com		
•		Project ID: #311956; Chevron 9- Date Sampled:				04/06/11		
5900 Hollis St, Suite A	0020				Date Received:	04/06/11		
5900 Hollis St, Suite A	Client (Contact:	Nathar	n Lee	Date Extracted:	04/06/11		
Emeryville, CA 94608	Client F	P.O.:			Date Analyzed:	04/07/11		
Vola	ntiles Organics + (Dxvgenat	es bv F	P&T and GC/MS (Basic Target List	:)*		
Extraction Method: SW5030B		•••	•	od: SW8260B		Work Order: 1104	140	
Lab ID				1104140)-002A			
Client ID				OT				
Matrix				So				
Compound	Concentration *	DF	Reporting Limit	Compou		Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl e		ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene		ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichlorometh	ane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane		ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.002	t-Butyl alcohol (TB	A)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	•••)	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide		ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene		ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform		ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene		ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane		ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.003	1,2-Dibromoethane (EDB)		ND	1.0	0.003
Dibromomethane	ND	1.0	0.004	1,2-Dichlorobenzene		ND	1.0	0.004
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzen		ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane		ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.003	1,1-Dichloroethene		ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.004	trans-1,2-Dichloroe		ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropar		ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloroproper		ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichlorog		ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethanol	Nopene	ND	1.0	0.003
Ethylbenzene	ND	1.0	0.005	Ethyl tert-butyl eth	er (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.005	Hexachlorobutadien		ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	C	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene		ND	1.0	0.005
Methanol	ND	1.0	5.0	Methyl-t-butyl ethe		ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentano	/	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	Juc (MIDK)	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloro	ethane	ND	1.0	0.005
1.1.2.2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	othano	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenz	zene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroetha		ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene		ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloroprop	oane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylben		ND	1.0	0.005
Vinvl Chloride	ND	1.0	0.005	Xvlenes. Total		ND	1.0	0.005
				coveries (%)				
%SS1:	9			%SS2:		11	2	
%SS3:		9		///////////////////////////////////////			-	
Comments:								

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

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

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

McCampbell	1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269											
Conestoga-Rovers & Associates			t Proje	ect ID:	#311956; Chevron 9-							
5900 Hollis St, Suite A	C	020				Date R	eceived: 04/06/1	1				
3900 Hollis St, Suite A	(Clien	t Cont	act: Na	athan Lee	Date E	xtracted: 04/06/1	1				
Emeryville, CA 94608	(lien	t P.O.:			Date A	nalyzed: 04/07/1	1				
	Semi-Vola	atile	Orgar	nics by (GC/MS (Basic Target	List)*						
Extraction Method: SW3550B			Anal	ytical Metl	hod: SW8270C		Work Orde	er: 110	4140			
Lab ID					1104140-001A							
Client ID					OT-2							
Matrix					Soil							
Compound	Concentration	n *	DF	Reporting Limit	Compound		Concentration *	DF	Report Lim			
Acenaphthene	ND		1.0	0.33	Acenaphthylene		ND	1.0	0.3			
Acetochlor	ND		1.0	0.33	Anthracene		ND	1.0	0.3			
Benzidine	ND		1.0	1.6	Benzoic Acid		ND	1.0	1.0			
Benzo(a)anthracene	ND		1.0	0.33	Benzo(b)fluoranthene		ND	1.0	0.3			
Benzo(k)fluoranthene	ND		1.0	0.33	Benzo(g,h,i)perylene		ND	1.0	0.3			
Benzo(a)pyrene	ND		1.0	0.33	Benzyl Alcohol		ND	1.0	1.			
1,1-Biphenyl	ND		1.0	0.33	Bis (2-chloroethoxy) Me	ethane	ND	1.0	0.3			
Bis (2-chloroethyl) Ether	ND		1.0	0.33	Bis (2-chloroisopropyl)		ND	1.0	0.3			
Bis (2-ethylhexyl) Phthalate	ND		1.0	0.33	· · · · · · · · · · · · · · · · · · ·	-Bromophenyl Phenyl Ether		1.0	0.3			
Butylbenzyl Phthalate	ND		1.0	0.33	4-Chloroaniline		ND ND	1.0	0.6			
4-Chloro-3-methylphenol	ND		1.0	0.33	2-Chloronaphthalene		ND	1.0	0.3			
2-Chlorophenol	ND		1.0	0.33	4-Chlorophenyl Phenyl	Ether	ND	1.0	0.3			
Chrysene	ND		1.0	0.33	Dibenzo(a,h)anthracene		ND	1.0	0.3			
Dibenzofuran	ND		1.0	0.33	Di-n-butyl Phthalate		ND	1.0	0.3			
1,2-Dichlorobenzene	ND		1.0	0.33	1,3-Dichlorobenzene		ND	1.0	0.3			
1,4-Dichlorobenzene	ND		1.0	0.33	3,3-Dichlorobenzidine		ND	1.0	0.6			
2,4-Dichlorophenol	ND		1.0	0.33	Diethyl Phthalate		ND	1.0	0.3			
2,4-Dimethylphenol	ND		1.0	0.33	Dimethyl Phthalate		ND	1.0	0.3			
4,6-Dinitro-2-methylphenol	ND		1.0	1.6	2,4-Dinitrophenol		ND	1.0	1.0			
2,4-Dinitrotoluene	ND		1.0	0.33	2,6-Dinitrotoluene		ND	1.0	0.3			
Di-n-octyl Phthalate	ND		1.0	0.33	1,2-Diphenylhydrazine		ND	1.0	0.3			
Fluoranthene	ND		1.0	0.33	Fluorene		ND	1.0	0.3			
Hexachlorobenzene	ND		1.0	0.33	Hexachlorobutadiene		ND	1.0	0.3			
Hexachlorocyclopentadiene	ND		1.0	1.6	Hexachloroethane		ND	1.0	0.3			
Indeno (1,2,3-cd) pyrene	ND		1.0	0.33	Isophorone		ND	1.0	0.3			
2-Methylnaphthalene	ND		1.0	0.33	2-Methylphenol (o-Cres	ol)	ND	1.0	0.3			
3 &/or 4-Methylphenol (m,p-Cres	ND		1.0	0.33	Naphthalene		ND	1.0	0.3			
2-Nitroaniline	ND		1.0	1.6	3-Nitroaniline		ND	1.0	1.			
4-Nitroaniline	ND		1.0	1.6	Nitrobenzene		ND	1.0	0.3			
2-Nitrophenol	ND		1.0	1.6	4-Nitrophenol		ND	1.0	1.			
N-Nitrosodiphenylamine	ND		1.0	0.33	N-Nitrosodi-n-propylam	ine	ND	1.0	0.3			
Pentachlorophenol	ND		1.0	1.6	Phenanthrene		ND	1.0	0.3			
Phenol	ND		1.0	0.33	Pyrene		ND	1.0	0.3			
1,2,4-Trichlorobenzene	ND		1.0	0.33	2,4,5-Trichlorophenol		ND	1.0	0.3			
2.4.6-Trichlorophenol	ND		1.0	0.33	•							
			Surro	ogate Re	coveries (%)		1					
%SS1:		76			%SS2:		64					
%SS3:		71			%SS4:		75					
%SS5:	1	53			%SS6:				81			

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

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

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

WcCampbell	1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269									
Conestoga-Rovers & Associates			•	ect ID:			Date Sampled: 04/06/11			
5900 Hollis St, Suite A)020				Date R	eceived: 04/06/1	1		
J900 Hollis SI, Suile A	(Clier	nt Cont	tact: Na	athan Lee	Date E	xtracted: 04/06/1	1		
Emeryville, CA 94608	(Clier	nt P.O.:			Date A	analyzed: 04/07/1	1		
- J								-		
	Semi-Vola	atile	0	·	GC/MS (Basic Target	List)*				
Extraction Method: SW3550B			Anal	ytical Met	hod: SW8270C		Work Ord	er: 110	4140	
Lab ID					1104140-002A					
Client ID					OT-3					
Matrix					Soil					
Compound	Concentratio	n *	DF	Reporting Limit	Compound		Concentration *	DF	Reporti Limi	
Acenaphthene	ND		1.0	0.33	Acenaphthylene		ND	1.0	0.3	
Acetochlor	ND		1.0	0.33	Anthracene		ND	1.0	0.3	
Benzidine	ND		1.0	1.6	Benzoic Acid		ND	1.0	1.6	
Benzo(a)anthracene	ND		1.0	0.33	Benzo(b)fluoranthene		ND	1.0	0.3	
Benzo(k)fluoranthene	ND		1.0	0.33	Benzo(g,h,i)perylene		ND	1.0	0.3	
Benzo(a)pyrene	ND		1.0	0.33	Benzyl Alcohol		ND	1.0	1.6	
1,1-Biphenyl	ND		1.0	0.33	Bis (2-chloroethoxy) Me	ethane	ND	1.0	0.3	
Bis (2-chloroethyl) Ether	ND		1.0	0.33	Bis (2-chloroisopropyl)	Ether	ND	1.0	0.3	
Bis (2-ethylhexyl) Phthalate	ND		1.0	0.33	4-Bromophenyl Phenyl	Bromophenyl Phenyl Ether		1.0	0.3	
Butylbenzyl Phthalate	ND		1.0	0.33	4-Chloroaniline		ND	1.0	0.6	
4-Chloro-3-methylphenol	ND		1.0	0.33	2-Chloronaphthalene		ND	1.0	0.3	
2-Chlorophenol	ND		1.0	0.33	4-Chlorophenyl Phenyl	Ether	ND	1.0	0.3	
Chrysene	ND		1.0	0.33	Dibenzo(a,h)anthracene			1.0	0.3	
Dibenzofuran	ND		1.0	0.33	Di-n-butyl Phthalate	2		1.0	0.3	
1,2-Dichlorobenzene	ND		1.0	0.33	1,3-Dichlorobenzene		ND	1.0	0.3	
1,4-Dichlorobenzene	ND		1.0	0.33	3,3-Dichlorobenzidine		ND	1.0	0.6	
2,4-Dichlorophenol	ND		1.0	0.33	Diethyl Phthalate		ND	1.0	0.3	
2,4-Dimethylphenol	ND		1.0	0.33	Dimethyl Phthalate		ND	1.0	0.3	
4,6-Dinitro-2-methylphenol	ND		1.0	1.6	2,4-Dinitrophenol		ND	1.0	1.6	
2,4-Dinitrotoluene	ND		1.0	0.33	2,6-Dinitrotoluene		ND	1.0	0.3	
Di-n-octyl Phthalate	ND		1.0	0.33	1,2-Diphenylhydrazine		ND	1.0	0.3	
Fluoranthene	ND		1.0	0.33	Fluorene		ND	1.0	0.3	
Hexachlorobenzene	ND		1.0	0.33			ND	1.0	0.3	
Hexachlorocyclopentadiene	ND		1.0		Hexachloroethane		ND	1.0	0.3	
Indeno (1,2,3-cd) pyrene	ND		1.0	0.33			ND	1.0	0.3	
2-Methylnaphthalene	ND		1.0	0.33	2-Methylphenol (o-Cres	01)	ND	1.0	0.3	
3 &/or 4-Methylphenol (m,p-Cres	ND		1.0	0.33	Naphthalene		ND	1.0	0.3	
2-Nitroaniline	ND		1.0	1.6	3-Nitroaniline		ND ND	1.0	1.0	
4-Nitroaniline	ND		1.0	1.6	Nitrobenzene 4-Nitrophenol		ND ND	1.0	0.3	
2-Nitrophenol N-Nitrosodiphenylamine	ND ND		1.0 1.0	1.6 0.33	4-Nitrophenol N-Nitrosodi-n-propylam	ine	ND ND	1.0 1.0	0.3	
Pentachlorophenol	ND		1.0	1.6	Phenanthrene		ND	1.0	0.3	
Phenol	ND		1.0	0.33	Pyrene		ND	1.0	0.3	
1,2,4-Trichlorobenzene	ND		1.0	0.33	2,4,5-Trichlorophenol		ND	1.0	0.3	
2.4.6-Trichlorophenol	ND		1.0	0.33				1.0	. 0.5	
					coveries (%)					
%SS1:		76		3	%SS2:		59			
%SS3:		70			%SS4:					
/0000.		70			/0.004.	78				

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

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

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

<u> </u>	Campbell Analyti "When Ouality Counts"	cal, Inc.	Web: www.mccamp	Pass Road, Pittsbur bbell.com E-mail 377-252-9262 Fa	: main@m	ccampbell.	com
Conestoga-Rove		Client Project ID:	#311956; Chevron 9-		led: 04/06/11		
7000 H 11' G, G	• •	0020		Date Received: 04/06/11 Date Extracted: 04/06/11			
5900 Hollis St, Sı	uite A	Client Contact: N	Vathan Lee				
Emeryville, CA 94	4608	Client P.O.:		Date Analyz	zed 04	/07/11	
	Gasoline Ra	ange (C6-C12) Vola	atile Hydrocarbons as G	asoline*			
Extraction method SW5		U	methods SW8015Bm		Wo	ork Order:	1104140
Lab ID	Client ID	Matrix	TPH(g)		DF	% SS	Comments
001A	OT-2	S	ND		1	103	
002A	OT-3	S	ND		1	98	
					<u> </u>		
	ing Limit for DF =1; ans not detected at or	W	NA			NA	
	e the reporting limit	S	1.0			mg/K	g

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

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

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

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

Angela Rydelius, Lab Manager

	McCampbo	2.	Web: www	w.mccamp	bell.co	oad, Pittsburg, CA m E-mail: main 2-9262 Fax: 925	@mccampbell.co	m				
Conest	toga-Rovers & Asso	ciates	Client Pro 0020	ject ID: #	#311956; Chevro	on 9-	Dat	te Sampled:	04/06/11			
5900 H	Iollis St, Suite A						Dat	te Received:	04/06/11			
			Client Co	ntact: Na	than Lee		Dat	te Extracted:	04/06/11			
Emery	ville, CA 94608		Client P.C).:			Dat	te Analyzed:	04/07/11			
					UFT 5 Metals*							
Extraction	n method: SW3050B Client ID	Matrix	Extraction Type		ytical methods: SWe	Lea	nd	Nickel	Zinc	Work O	wider: 11	Comments
001A	OT-2	S	TOTAL	ND	52	NI		38	23	1	101	
002A	OT-3	S	TOTAL	ND	71	NI)	55	39	1	105	

Reporting Limit for DF =1;	W	TOTAL	NA	NA	NA	NA	NA	NA
ND means not detected at or above the reporting limit	S	TOTAL	1.5	1.5	5.0	1.5	5.0	mg/Kg

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

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

TOTAL = Hot acid digestion of a representative sample aliquot.

TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.

DISS = Dissolved metals by direct analysis of 0.45 μ m filtered and acidified sample.

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

DHS ELAP Certification 1644



Angela Rydelius, Lab Manager

<u> </u>	Campbell Analyt		<u>c.</u>	Web: www.n	illow Pass Road, Pittsbur nccampbell.com E-mail: hone: 877-252-9262 Fa	-		
Conestoga-Ro	vers & Associates		oject ID:	#311956; Chevron	d: 04/06/	04/06/11		
5900 Hollis St,	Suite A	0020			Date Receive	ived: 04/06/11		
		Client Co	Contact: Nathan Lee Date Extracte			ed: 04/06/	/11	
Emeryville, CA	94608	Client P.C).:		Date Analyz	ed: 04/06/	/11-04/0	7/11
Extraction method:				h Hydrocarbons with ethods: SW8015B	Silica Gel Clean-Up		ork Order:	1104140
Lab ID	Client ID	Ma	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36) DF % SS Co				
1104140-001A	OT-2	5	5	ND	ND	1	98	
1104140-002A	OT-3	S	8	ND	ND	1	104	
		l	<u> </u>				1	I

Reporting Limit for $DF = 1$;	W	NA	NA	ug/L
ND means not detected at or above the reporting limit	S	1.0	5.0	mg/Kg

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

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

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

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

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager



<u>McCampbell Analytical, Inc.</u>

"When Ouality Counts"

QC SUMMARY REPORT FOR SW8082

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 57501 WorkOrder 1104140 Extraction SW3550B EPA Method SW8082 Spiked Sample ID: N/A MS-MSD LCS LCSD LCS-LCSD Spiked MS MSD Sample Acceptance Criteria (%) Analyte % RPD % RPD MS / MSD RPD LCS/LCSD RPD mg/kg mg/kg % Rec. % Rec. % Rec. % Rec. Aroclor1260 N/A 0.15 N/A N/A 115 1.88 N/A 70 - 130 N/A 117 N/A 20 %SS: 0.050 72 74 N/A N/A 70 - 130 20 N/A N/A N/A N/A 1.86 All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE

BATCH 57501 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104140-001A	04/06/11 10:30 AM	04/06/11	04/07/11 5:10 AM	1104140-002A	04/06/11 10:40 AM	04/06/11	04/07/11 2:24 AM

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

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

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

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

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

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





"When Ouality Counts"

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil		QC Matrix: Soil					BatchID: 57454				WorkOrder 1104140		
EPA Method SW8260B	Extra	ction SW	5030B					S	Spiked Sample ID: 1104091-003				
Analyte	Sample	e Spiked MS MSD MS-MSD				LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%)	1	
Analyte	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD	
tert-Amyl methyl ether (TAME)	ND	0.050	83.3	82.8	0.619	79.6	80.6	1.18	70 - 130	30	70 - 130	30	
Benzene	ND	0.050	112	111	0.782	104	105	1.84	70 - 130	30	70 - 130	30	
t-Butyl alcohol (TBA)	ND	0.25	95.4	94.9	0.613	93.7	96.3	2.70	70 - 130	30	70 - 130	30	
Chlorobenzene	ND	0.050	112	110	1.68	105	108	2.56	70 - 130	30	70 - 130	30	
1,2-Dibromoethane (EDB)	ND	0.050	91.4	90.9	0.566	86	89.5	3.92	70 - 130	30	70 - 130	30	
1,2-Dichloroethane (1,2-DCA)	ND	0.050	103	102	0.942	96.5	97.7	1.22	70 - 130	30	70 - 130	30	
1,1-Dichloroethene	ND	0.050	121	120	0.639	113	116	2.91	70 - 130	30	70 - 130	30	
Diisopropyl ether (DIPE)	ND	0.050	111	110	1.23	105	107	1.99	70 - 130	30	70 - 130	30	
Ethyl tert-butyl ether (ETBE)	ND	0.050	107	106	1.31	101	103	2.12	70 - 130	30	70 - 130	30	
Methyl-t-butyl ether (MTBE)	ND	0.050	109	107	2.49	103	105	2.09	70 - 130	30	70 - 130	30	
Toluene	ND	0.050	116	115	0.922	109	112	2.44	70 - 130	30	70 - 130	30	
Trichloroethene	ND	0.050	111	110	1.64	103	107	3.12	70 - 130	30	70 - 130	30	
%SS1:	93	0.12	95	95	0	94	93	0.797	70 - 130	30	70 - 130	30	
%SS2:	111	0.12	111	112	1.19	112	112	0	70 - 130	30	70 - 130	30	
%SS3:	95	0.012	96	101	5.03	100	100	0	70 - 130	30	70 - 130	30	

BATCH 57454 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104140-001A	04/06/11 10:30 AM	04/06/11	04/07/11 3:52 AM	1104140-002A	04/06/11 10:40 AM	04/06/11	04/07/11 4:33 AM

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

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

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

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

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

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



NONE

McCampbell Analytical, Inc. "When Quality Counts"

QC SUMMARY REPORT FOR SW8270C

W.O. Sample Matrix: Soil		QC Matrix: Soil					BatchID: 57433 WorkOrder 110				order 11041	40	
EPA Method SW8270C	Extra	ction SW	3550B					s	Spiked Sample ID: 1104061-012				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%))	
, inaly to	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD	
Acenaphthene	ND	2	65.9	67	1.67	69.8	67.5	3.28	30 - 130	30	30 - 130	30	
4-Chloro-3-methylphenol	ND	4	76.7	78.4	2.17	79.4	74.6	6.34	30 - 130	30	30 - 130	30	
2-Chlorophenol	ND	4	64.6	65	0.633	65.3	61.7	5.69	30 - 130	30	30 - 130	30	
1,4-Dichlorobenzene	ND	2	68.9	69.6	0.953	71.7	68.9	4.05	30 - 130	30	30 - 130	30	
2,4-Dinitrotoluene	ND	2	67.3	69.7	3.52	70.1	66	6.01	30 - 130	30	30 - 130	30	
4-Nitrophenol	ND	4	69.1	70.5	2.08	67.2	62.6	7.13	30 - 130	30	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	2	66.2	66.2	0	71.1	66.1	7.27	30 - 130	30	30 - 130	30	
Pentachlorophenol	ND	4	79.4	76.8	3.25	55.6	50.5	9.52	30 - 130	30	30 - 130	30	
Phenol	ND	4	66.1	66.5	0.475	67.4	65.1	3.47	30 - 130	30	30 - 130	30	
Pyrene	ND	2	77.7	79	1.66	82.4	76.2	7.82	30 - 130	30	30 - 130	30	
1,2,4-Trichlorobenzene	ND	2	79.2	80.5	1.69	82.1	76.4	7.23	30 - 130	30	30 - 130	30	
%SS1:	97	200	92	93	0.548	91	87	5.12	30 - 130	30	30 - 130	30	
%SS2:	102	200	103	99	4.28	103	99	3.74	30 - 130	30	30 - 130	30	
%SS3:	103	200	105	106	1.28	110	103	6.37	30 - 130	30	30 - 130	30	
%SS4:	87	200	85	84	0.974	87	88	1.39	30 - 130	30	30 - 130	30	
%SS5:	113	200	122	121	0.293	119	113	5.06	30 - 130	30	30 - 130	30	
%SS6:	103	200	103	104	0.817	107	102	4.33	30 - 130	30	30 - 130	30	

BATCH 57433 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104140-001A	04/06/11 10:30 AM	04/06/11	04/07/11 8:11 AM	1104140-002A	04/06/11 10:40 AM	04/06/11	04/07/11 9:23 AM

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

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

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

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

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

#) surrogate diluted out of range; & = low or no recovery of surrogate or target analytes due to matrix interference.

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

"When Ouality Counts"

QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil QC Mat				Matrix: Soil BatchID: 57426				ID: 57426	WorkOrder 1104140			
EPA Method SW8015Bm	Extraction SW5030B Spiked Sample ID: 1104053							: 1104053-0)12A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%)	1
,	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex ^f	ND	0.60	118	118	0	111	110	0.524	70 - 130	20	70 - 130	20
MTBE	ND	0.10	90.3	92.4	2.25	86	80.7	6.44	70 - 130	20	70 - 130	20
Benzene	ND	0.10	90.6	94.7	4.40	88.3	88.8	0.555	70 - 130	20	70 - 130	20
Toluene	ND	0.10	88.3	92.7	4.84	86.1	86.2	0.0288	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	89.9	94.1	4.62	87.1	87.4	0.360	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	89.8	93.8	4.42	86.6	86.2	0.488	70 - 130	20	70 - 130	20
%SS:	98	0.10	93	83	11.2	90	86	4.35	70 - 130	20	70 - 130	20
All target compounds in the Method NONE	Blank of this	extraction	batch we	re ND les	s than the	method R	L with th	e following	exceptions:			

BATCH 57426 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104140-001A	04/06/11 10:30 AM	04/06/11	04/07/11 1:15 AM	1104140-002A	04/06/11 10:40 AM	04/06/11	04/07/11 2:44 AM

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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

A QA/QC Officer



McCampbell Analytical, Inc. "When Ouality Counts"

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

QC SUMMARY REPORT FOR 6010B

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 1104140 EPA Method SW6010B Extraction SW3050B BatchID: 57489 Spiked Sample ID: 1104125-001A MSD LCSD LCS-LCSD Sample Spiked MS MS-MSD Spiked 1 CS Acceptance Criteria (%) Analyte RPD LCS/LCSD RPD % Rec. % RPD % Rec. % RPD MS / MSD mg/Kg mg/Kg % Rec. mg/Kg % Rec. Cadmium ND 50 98.7 98.4 0.355 10 88 79.2 10.5 75 - 125 25 75 - 125 25 Chromium 10 50 94.6 98.2 3.14 10 95.2 91.8 3.64 75 - 125 25 75 - 125 25 101 Lead ND 50 98.4 2.91 10 87 79.6 8.76 75 - 125 25 75 - 125 25 Nickel 5.4 50 94.6 95.9 1.18 10 87.1 1.00 75 - 125 25 75 - 125 25 88 Zinc 5.49 11 500 102 96.1 100 96.5 95.2 1.38 75 - 125 25 75 - 125 25 %SS: 100 500 100 104 3.82 500 104 104 0 70 - 130 20 70 - 130 20 All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE

			<u>BATCH 57489 SL</u>	<u>JMMARY</u>			
Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104140-001A	04/06/11 10:30 AM	04/06/11 0	4/07/11 11:49 AM	1104140-002A	04/06/11 10:40 AM	04/06/11 0	4/07/11 11:52 AM

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

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

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

N/A = not applicable to this method.

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

A _ QA/QC Officer



McCampbell Analytical, Inc. "When Ouality Counts" 1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil	W.O. Sample Matrix: Soil QC Matrix: Soil								BatchID: 57502 Wo					
EPA Method SW8015B	Extra	ction SW	3550B/36	530C			Spiked Sample ID: 1104138-0							
Analyte	Sample	Sample Spiked			MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)					
Analyte	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD		
TPH-Diesel (C10-C23)	ND	40	86.1	99.1	14.0	102	105	2.60	70 - 130	30	70 - 130	30		
%SS:	101	25	90	105	15.3	91	93	2.02	70 - 130	30	70 - 130	30		
%SS: All target compounds in the Meth- NONE		-								30	70 - 130			

BATCH 57502 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104140-001A	04/06/11 10:30 AM	04/06/11	04/07/11 4:11 AM	1104140-002A	04/06/11 10:40 AM	04/06/11	04/06/11 10:36 PM

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

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

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

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

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

QA/QC Officer

When Oual		1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269						
Conestoga-Rovers & Associates	Client Project ID: #311956;	9-0020	Date Sampled:	05/03/11				
5900 Hollis St, Suite A			Date Received:	05/05/11				
5500 Hollis Bi, Bule H	Client Contact: Nathan Lee	2	Date Reported:	05/06/11				
Emeryville, CA 94608	Client P.O.:	Date Completed:	05/06/11					

WorkOrder: 1105143

May 06, 2011

Dear Nathan:

Enclosed within are:

- 1) The results of the 3 analyzed samples from your project: **#311956**; **9-0020**,
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

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

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

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

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W Te	IcCAMP ebsite: <u>www.m</u> elephone: (877	PITTSBU ccampbe 7) 252-92	JRG, CA 94 Il.com En 262	4565-1 nail: n	701 nain@ Fax	mcc : (92	amp (5) 2	bell.c	om 269		•	2		G	eol	fra	cke	er E	EDF			PD	F	8	E	24 ccel	HR	1		ite	On		_
Report To: NAT				_	0: N	_	_	_	_	_	_	-	+	_		-			_	_	ysis	_		_	mp	16 13	em	uen	IL AL	-	other	_	Comments
Company: CQA					. 10			av	-						25																		
SAC	ERYVILLE	15 ST., SUITEA LE, CA E-Mail: nLEE @ Craworld.com 33 Fax: (S10) 420-9170 Project Name: 9-0020						(SOIS) MTBE	OID CLEMM	20 E/B&F)					Congeners			MTBE			20)	(0)		alysis			**Indicate here if these samples are potentially						
Project #: 311	956		P	roje	et Nar	ne:	9	-00	20					8015	0	155	G.	8	(11)		015		cs)	×			/ 603	602		ls an			dangerous to
Project Location								-					ľ	7	d	1664	(418	VOK	2/80	es)	Iroc		bicid	E		NA	5010	010	_	meta			handle:
Sampler Signatu												_		802	5	356 (50.02	H) [A 603	theid	N: V	des)	Herb	ā	00	Is / F	8/6	8/6	6020	ED			
	C	SAM	PLING		rs		MA	RD	(IETI ESE			30(602	S) + (S	A Gre	vdrocart	010 / 802	LY (EP)	I (CI Pes	B's ONL	P Pestici	cidie C1	260 000	270 (SVC	10 (PA	0.7/200	0.7 / 200	/ 6010 /	NIOSSI			
SAMPLE ID	LOCATION/ Field Point Name	Date	Time	# Containers	Type Containers	Water	Soil	Sludge	Other	ICE	HCL	HNO ₃	Other	BTEX & TPH as G	TPH as Diesd (8015) + (NOTOP	Total Petroleum Oi	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX ONLY (EPA 602 / 8021)	EPA 505/ 608 / 8081 (CI Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA S07 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 8260 0000 BTE+	EPA \$25.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	L.U.F.T S Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 / 6010 / 6020)	Fifter sample for DISSOLVED metals analysis			
1-1-8	GT-1	05103/11	11:15	1	SLU		×	-		×		-	+	_	-									X				×	Η			+	
GT - 1-8 GT - 2-5 GT - 3-5		1	11:37		SLV		×	+		×	-	+	+	-	×	-								K				×	\square			+	
G1 - 2 -	GT-2				SLU		×	+		×		+	+	~	×			-	-			-	-	X		-		J	\square	-		-	
(-1 -)-)	G-T-3	-	11:40		240		-			~		-	-		~			_										~				-	
**MAI clients MUST gloved, open air, sam allowing us to work s	ple handling by																																
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Refinquished By	5</td <td>Date:</td> <td>Time:</td> <td>1</td> <td>cived B</td> <td>d</td> <td>(</td> <td>C</td> <td>N</td> <td>t</td> <td>-</td> <td></td> <td></td> <td>API</td> <td>CHL</td> <td>PRIA</td> <td>TE</td> <td>CON</td> <td>TAI</td> <td>_</td> <td>ts_</td> <td>_</td> <td></td>	Date:	Time:	1	cived B	d	(C	N	t	-			API	CHL	PRIA	TE	CON	TAI	_	ts_	_											
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1534 Willow Pass Rd Pittshurg CA 94565-1701

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

(925) 252-9262			WorkOr	rder: 110514.	3 Clie	entCode: CETE		
	WaterTrax WriteOn	✓ EDF	Excel	Fax	✓ Email	HardCopy	ThirdParty	J-flag
Report to:			Bil	I to:		Req	uested TAT:	1 day
Nathan Lee	Email: nlee@craworld.	com		Accounts Pag	yable			
Conestoga-Rovers & Associates 5900 Hollis St, Suite A	cc: PO:			Conestoga-F 5900 Hollis S	Rovers & Assoc St, Ste. A		te Received:	05/05/2011
Emeryville, CA 94608 (510) 420-3327 FAX: (510) 420-917	ProjectNo: #311956; 9-002 0	0		Emeryville, C	CA 94608	Dat	te Printed:	05/05/2011
					Requested Tes	sts (See legend k	pelow)	

Lab ID	Client ID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
1105143-001	GT-1-8	Soil	5/3/2011 11:15		A	A	А	A								
1105143-002	GT-2-5	Soil	5/3/2011 11:37		А	Α		А								
1105143-003	GT-3-5	Soil	5/3/2011 11:40		A	Α		А								

Test Legend:

1	8260B_S]	2	LUFT_
6]	7	
11]	12	

2	LUFT_S
7	
12	

3	PREDF REPORT
8	

4	TPH(DMO)WSG_S
9	

5			
10			

The following SampIDs: 001A, 002A, 003A contain testgroup.

Prepared by: Zoraida Cortez

Comments:

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



McCampbell Analytical, Inc. "When Ouality Counts"

Sample Receipt Checklist

Client Name:	Conestoga-Rove	rs & Associates			Date a	nd Time Received:	5/5/2011 5	:55:07 PM
Project Name:	#311956; 9-0020				Check	list completed and r	eviewed by:	Zoraida Cortez
WorkOrder N°:	1105143	Matrix <u>Soil</u>			Carrier	:: <u>Rob Pringle (M</u>	Al Courier)	
		<u>Chain</u>	of Cu	stody (C	OC) Informa	tion		
Chain of custody	present?		Yes	\checkmark	No 🗆			
Chain of custody	signed when relinquis	shed and received?	Yes	✓	No 🗆			
Chain of custody	oject Name: #311956; 9-0020 orkOrder N°: 1105143 Matrix Soil aain of custody present? aain of custody signed when relinquished and received aain of custody agrees with sample labels? mple IDs noted by Client on COC? te and Time of collection noted by Client on COC? mpler's name noted on COC? astody seals intact on shipping container/cooler? ipping container/cooler in good condition? mples in proper containers/bottles? mple containers intact? fficient sample volume for indicated test? Sample P samples received within holding time? ntainer/Temp Blank temperature ater - VOA vials have zero headspace / no bubbles? mple labels checked for correct preservation? atal - pH acceptable upon receipt (pH<2)? mples Received on Ice? (Ice		Yes	✓	No 🗌			
Sample IDs noted	by Client on COC?		Yes	✓	No 🗆			
Date and Time of	collection noted by Cli	ent on COC?	Yes	\checkmark	No 🗆			
Sampler's name r	noted on COC?		Yes	✓	No 🗆			
	roject Name: #311956; 9-0020 /orkOrder N°: 1105143 Matrix Soil hain of custody present? hain of custody signed when relinquished and rece hain of custody agrees with sample labels? ample IDs noted by Client on COC? ate and Time of collection noted by Client on COC? ampler's name noted on COC? ustody seals intact on shipping container/cooler? hipping container/cooler in good condition? amples in proper containers/bottles? ample containers intact? ufficient sample volume for indicated test? Il samples received within holding time? ontainer/Temp Blank temperature /ater - VOA vials have zero headspace / no bubble ample labels checked for correct preservation? letal - pH acceptable upon receipt (pH<2)? amples Received on Ice?		ample	Receipt	Information			
Custody seals int	tact on shipping contai	ner/cooler?	Yes		No 🗆		NA 🔽	
Shipping containe	ject Name: #311956; 9-0020 rkOrder N°: 1105143 Matrix Soil ain of custody present? ain of custody signed when relinquished and receive ain of custody agrees with sample labels? mple IDs noted by Client on COC? e and Time of collection noted by Client on COC? npler's name noted on COC? stody seals intact on shipping container/cooler? pping container/cooler in good condition? mples in proper containers/bottles? mple containers intact? ficient sample volume for indicated test? Sample F samples received within holding time? ntainer/Temp Blank temperature ter - VOA vials have zero headspace / no bubbles? mple labels checked for correct preservation? tal - pH acceptable upon receipt (pH<2)? mples Received on Ice?				No 🗆			
Samples in prope	er containers/bottles?		Yes	\checkmark	No 🗆			
Sample container	rs intact?		Yes	\checkmark	No 🗆			
Sufficient sample	ject Name: #311956; 9-0020 rkOrder N°: 1105143 Matrix Soil ain of custody present? ain of custody signed when relinquished and receive ain of custody agrees with sample labels? mple IDs noted by Client on COC? te and Time of collection noted by Client on COC? mpler's name noted on COC? stody seals intact on shipping container/cooler? pping container/cooler in good condition? mples in proper containers/bottles? mple containers intact? fficient sample volume for indicated test? Sample 1 samples received within holding time? ntainer/Temp Blank temperature tter - VOA vials have zero headspace / no bubbless mple labels checked for correct preservation? tal - pH acceptable upon receipt (pH<2)? mples Received on Ice?		Yes	✓	No 🗌			
Project Name: # 311956; 9-0020 Checklist completed and reviewed by: Zoraida Cortez WorkOrder N°: 1105143 Matrix Soil Carrier: Rob Pringle (MAL Courier) Chain of custody present? Yes V No Image: Solation of Court of C								
All samples recei	ved within holding time	? ?	Yes	✓	No 🗌			
Project Name: # 2119514' Matrix Sold Carrier: Rec Project (MAL Courier) Channot custody present? Yes No Chain of custody agrees with sample labels? Yes No Chain of custody agrees with sample labels? Yes No Chain of custody agrees with sample labels? Yes No Chain of custody agrees with sample labels? Yes No Chain of custody agrees with sample labels? Yes No Chain of custody agrees with sample labels? Yes No Carrier: No No Sample IDs noted by Client on COC? Yes No Custody seals intact on shipping container/cooler? Yes No Samples in proper container/cooler? Yes No Sample sin proper container/cooler? Yes No Yes Yes No Samples in proper container/cooler? Yes No Sample sin proper container/cooler? Yes No Sample sin proper containers/bottles? Yes No Sample sin proper containers/bottles? Yes No Sample sin proper containers/cooler? Yes No Sample sin proper containers/cooler? Yes No Container/Temp Blank temperature Cooler Temp: 2.8°C Cotainer/Temp Blank temperature? Yes No Martin - UN COA vials have zero headspace / no bubbles? Yes No Martin - UN Cooler Temp: 2.8°C No Sample schecked for c								
Water - VOA vial	*kOrder N°: 1105143 Matrix Soil ain of custody present? in of custody signed when relinquished and receins of custody agrees with sample labels? apple IDs noted by Client on COC? and Time of collection noted by Client on COC? a and Time of collection noted by Client on COC? and Time of collection noted by Client on COC? a and Time of collection noted by Client on COC? and time of collection noted by Client on COC? a tody seals intact on shipping container/cooler? anples in proper containers/bottles? apple containers intact? Sample aright is ample volume for indicated test? Sample samples received within holding time? atainer/Temp Blank temperature ter - VOA vials have zero headspace / no bubble al - pH acceptable upon receipt (pH<2)?		Yes		No 🗆	No VOA vials subm	itted 🗹	
Sample labels ch	ain of custody signed when relinquished and rece ain of custody agrees with sample labels? nple IDs noted by Client on COC? e and Time of collection noted by Client on COC? npler's name noted on COC? stody seals intact on shipping container/cooler? oping container/cooler in good condition? nples in proper containers/bottles? nple containers intact? ficient sample volume for indicated test? Samples received within holding time? ntainer/Temp Blank temperature ter - VOA vials have zero headspace / no bubble nple labels checked for correct preservation? al - pH acceptable upon receipt (pH<2)? nples Received on Ice?			✓	No 🗌			
Metal - pH accept	table upon receipt (pH	<2)?	Yes		No 🗆		NA 🗹	
Samples Receive	ed on Ice?				No 🗆			
		(Ice Type	e: WE	TICE)			
* NOTE: If the "N	lo" box is checked, se	e comments below.						
	======					======		=======

Client contacted:

Date contacted:

Contacted by:

Comments:

<u>McCampbell Ar</u>		<u>nc.</u>		Web: www.mccamp	ass Road, Pittsburg, CA bell.com E-mail: main	@mccampbell.c	com
When Ouality Conestoga-Rovers & Associates		roject ID: #	+311056		77-252-9262 Fax: 92. Date Sampled:	5-252-9269	
Concistoga-Rovers & Associates	Client P	roject ID: +	1511930	, 9-0020	-		
5900 Hollis St, Suite A					Date Received:		
	Client C	Contact: Na	05/05/11				
Emeryville, CA 94608	Client P	.0.:			Date Analyzed:	05/06/11	
Extraction Method: SW5030B		Drganics by alytical Method		and GC/MS*		Work Order:	1105143
Lab ID	1105143-001A	1105143-		1105143-003A			
Client ID	GT-1-8	GT-2	-5	GT-3-5		Reporting DF	Limit for =1
Matrix	S	S		S]	
DF	20	20 1		20		S	W
Compound			Conce	ntration	mg/kg	ug/L	
Benzene	0.12	ND		ND<0.10		0.005	NA
Ethylbenzene	1.3	ND	0.49			0.005	NA
Methyl-t-butyl ether (MTBE)	ND<0.10	ND		ND<0.10		0.005	NA
Toluene	1.0	ND		ND<0.10		0.005	NA
Xylenes, Total	5.1	0.008	32	1.2		0.005	NA
	Sur	rogate Rec	overies	(%)			
%SS1:	94	94		94			
%SS2:	102	106		100			
%SS3:	100	100	1	99			
Comments							
* water and vapor samples are reported in extracts are reported in mg/L, wipe sampl ND means not detected above the reporti	es in µg/wipe.						

Recovery of Surrogate Standard; DF = Dilution Factor

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

	Campbell Analyti "When Ouality Counts"	cal, Inc.	Web: www.mccamp		-	ccampbell.	com				
Conestoga-Rove		Client Project ID:		Date Sample							
5000 H-11:5 St. S.	-: 4			Date Received: 05/05/11 Date Extracted: 05/05/11							
5900 Hollis St, St	inte A	Client Contact: N	lathan Lee								
Emeryville, CA 94	4608	Client P.O.:	Client P.O.: Date Analyzed 05/06/11								
	Gasoline Ra	unge (C6-C12) Vola	tile Hydrocarbons as G	asoline *							
Extraction method SW5	5030B	Analytical r	nethods SW8015Bm		Wo	rk Order:	1105143				
Lab ID	Client ID	Matrix	TPH(g)		DF	% SS	Comments				
001A	GT-1-8	S	420		10	109	d7,d9				
002A	GT-2-5	S	2.6		1	90	ď7				
003A	GT-3-5	S	110		10	82	d7,d9				
	ing Limit for DF =1;	W	NA		NA						
	ans not detected at or e the reporting limit	S	1.0			mg/K	g				

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

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

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

d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram d9) no recognizable pattern

DHS ELAP Certification 1644



Angela Rydelius, Lab Manager

	<u>McCampb</u>	ell Ana 1en Ouality Cou		<u>,</u>	Web: www	w.mccamp	bell.com	ad, Pittsburg, CA m E-mail: main 2-9262 Fax: 925	@mccampbell.co	m		
Conest	oga-Rovers & Asso	ociates	Client Proj	ject ID: #	311956; 9-0020		Dat	e Sampled:	05/03/11			
5900 H	ollis St, Suite A						Dat	e Received:	05/05/11			
	- · · · · · · · · · · · · · · · · · · ·		Client Co	ntact: Na	than Lee		Dat	e Extracted:	05/05/11			
Emeryv	ville, CA 94608	Client P.O).:			Dat	te Analyzed:	05/06/11				
Extraction	n method: SW3050B				UFT 5 Metals*					Work O	rder: 1	105143
Lab ID	Client ID	Matrix	Extraction Type	Cadmium		Lea	ıd	Nickel	Zinc	DF	% SS	Comments
001A	GT-1-8	S	TOTAL	ND	64	29)	41	24	1	102	
002A	GT-2-5	S	TOTAL	ND	65	11		50	36	1	105	
003A	GT-3-5	S	TOTAL	ND	74	65	i	59	49	1	126	

Reporting Limit for DF =1;	W	TOTAL	NA	NA	NA	NA	NA	NA
ND means not detected at or above the reporting limit	S	TOTAL	0.25	0.5	0.5	0.5	5.0	mg/Kg

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

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

TOTAL = Hot acid digestion of a representative sample aliquot.

TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.

DISS = Dissolved metals by direct analysis of $0.45 \ \mu m$ filtered and acidified sample.

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



<u> </u>	When Quality Coun		Web: www.	Villow Pass Road, Pittsburg, CA mccampbell.com E-mail: main phone: 877-252-9262 Fax: 925				
Conestoga-Rovers	& Associates	Client Project ID:	#311956; 9-0020	Date Sampled:	05/03/	/11		
5900 Hollis St, Suite				Date Received:	05/05/11			
5500 Homs St, Suite	A	Client Contact:	Nathan Lee	Date Extracted:	05/05/			
Emeryville, CA 9460)8	Client P.O.:		Date Analyzed:	05/06/	/11		
Extraction method: SW35			Hydrocarbons with thods: SW8015B	Silica Gel Clean-Up*	w	ork Order:	1105143	
Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS	Comments	
1105143-001A	GT-1-8	S	2100	9600	100	106	e7,e2,e11	
1105143-002A	GT-2-5	S	40	260	5	99	e7,e2	
1105143-003A	GT-3-5	S	1100	5100	100	122	e7,e2,e4	
							1	
					I		<u> </u>	

Reporting Limit for DF =1;	w	NA	NA	ug/L
ND means not detected at or above the reporting limit	S	1.0	5.0	mg/Kg

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

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

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

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

e2) diesel range compounds are significant; no recognizable pattern

e4) gasoline range compounds are significant.

e7) oil range compounds are significant

e11) stoddard solvent/mineral spirit (?)

Angela Rydelius, Lab Manager



"When Ouality Counts"

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil			QC Matrix			BatchID: 58163 WorkOrder 1105143							
EPA Method SW8260B	Extra	action SW5030B					Spiked Sample ID: 1105147-001A						
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)				
Analyte	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD	
tert-Amyl methyl ether (TAME)	ND	0.050	89.3	94.2	5.41	94	92.4	1.78	70 - 130	30	70 - 130	30	
Benzene	ND	0.050	110	118	7.12	115	115	0	70 - 130	30	70 - 130	30	
t-Butyl alcohol (TBA)	ND	0.25	101	101	0	102	99.1	2.69	70 - 130	30	70 - 130	30	
Chlorobenzene	ND	0.050	102	106	4.28	108	106	1.95	70 - 130	30	70 - 130	30	
1,2-Dibromoethane (EDB)	ND	0.050	93.8	100	6.76	100	102	1.72	70 - 130	30	70 - 130	30	
1,2-Dichloroethane (1,2-DCA)	ND	0.050	107	113	5.24	112	110	1.27	70 - 130	30	70 - 130	30	
1,1-Dichloroethene	ND	0.050	116	129	11.0	129	127	1.63	70 - 130	30	70 - 130	30	
Diisopropyl ether (DIPE)	ND	0.050	118	125	5.60	124	122	1.45	70 - 130	30	70 - 130	30	
Ethyl tert-butyl ether (ETBE)	ND	0.050	111	116	4.92	115	113	1.74	70 - 130	30	70 - 130	30	
Methyl-t-butyl ether (MTBE)	ND	0.050	122	126	3.63	127	124	2.20	70 - 130	30	70 - 130	30	
Toluene	ND	0.050	111	118	6.28	116	114	1.72	70 - 130	30	70 - 130	30	
Trichloroethene	ND	0.050	101	109	7.54	109	108	1.06	70 - 130	30	70 - 130	30	
%SS1:	92	0.12	86	87	1.14	86	87	1.16	70 - 130	30	70 - 130	30	
%SS2:	107	0.12	104	104	0	102	103	1.49	70 - 130	30	70 - 130	30	
%SS3:	99	0.012	106	105	0.841	104	107	2.52	70 - 130	30	70 - 130	30	

BATCH 58163 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1105143-001A	05/03/11 11:15 AM	05/05/11	05/06/11 1:13 AM	1105143-002A	05/03/11 11:37 AM	05/05/11	05/06/11 12:35 AM
1105143-003A	05/03/11 11:40 AM	05/05/11	05/06/11 1:52 AM				

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

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

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

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

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

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



QA/QC Officer

"When Ouality Counts"

QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil	W.O. Sample Matrix: Soil						Batch	ID: 57996	WorkOrder 1105143			
EPA Method SW8015Bm	Extra	ction SW	5030B					5	Spiked San	nple ID	: 1104808-0)02A
Analyte	Sample	Spiked	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)					
Analyte	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex ^f	ND	0.60	121	118	2.51	117	113	3.66	70 - 130	20	70 - 130	20
MTBE	ND	0.10	98.2	102	4.16	93.4	106	12.6	70 - 130	20	70 - 130	20
Benzene	ND	0.10	89.2	92.1	3.27	88.5	95.5	7.55	70 - 130	20	70 - 130	20
Toluene	ND	0.10	88.8	91.3	2.74	87.8	94	6.85	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	89.7	92.8	3.49	88.8	95.2	7.04	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	89.7	92.3	2.86	88	94.4	7.00	70 - 130	20	70 - 130	20
%SS:	90	0.10	79	81	2.75	80	84	5.70	70 - 130	20	70 - 130	20
All target compounds in the Method NONE	Blank of this	extraction	batch we	re ND les	s than the	method R	L with th	e following	exceptions:			

BATCH 57996 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1105143-001A	05/03/11 11:15 AM	05/05/11	05/06/11 11:57 AM	1105143-002A	05/03/11 11:37 AM	05/05/11	05/06/11 7:44 AM
1105143-003A	05/03/11 11:40 AM	05/05/11	05/06/11 12:27 PM				

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

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

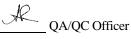
MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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





"When Ouality Counts"

QC SUMMARY REPORT FOR SW6020

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 1105143

EPA Method SW6020	EPA Method SW6020 Extraction SW3050B						BatchID: 58169 Spiked Sample ID: 1105159-						4A	
Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acc	Acceptance Criteria (%)			
Analyte	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD	
Cadmium	0.51	50	116	120	3.08	10	96.6	99.2	2.67	75 - 125	20	75 - 125	20	
Chromium	49	50	106	110	1.74	10	96	114	16.9	75 - 125	20	75 - 125	20	
Lead	240	50	NR	NR	NR	10	93.3	96.1	2.95	75 - 125	20	75 - 125	20	
Nickel	52	50	NR	NR	NR	10	100	115	13.9	75 - 125	20	75 - 125	20	
Zinc	510	500	NR	NR	NR	100	101	115	13.4	75 - 125	20	75 - 125	20	
%SS:	120	500	124	128	3.43	500	97	96	1.87	70 - 130	20	70 - 130	20	
All target compounds in th NONE											20	70 130		

			BATCH 58169 SL	JMMARY			
Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1105143-001A	05/03/11 11:15 AM	05/05/11	05/06/11 3:11 PM	1105143-002A	05/03/11 11:37 AM	05/05/11	05/06/11 3:17 PM
1105143-003A	05/03/11 11:40 AM	05/05/11	05/06/11 3:23 PM				

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

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

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

N/A = not applicable to this method.

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





McCampbell Analytical, Inc. "When Ouality Counts" 1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil		(QC Matri	k: Soil			Batch	ID: 58159		WorkC	WorkOrder 1105143			
EPA Method SW8015B	Extra	ction SW	3550B/36	630C				5	Spiked Sample ID: 1105140-040					
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%)			
, and you	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD		
TPH-Diesel (C10-C23)	41	40	99	114	7.31	107	110	2.42	70 - 130	30	70 - 130	30		
%SS:	104	25	90	102	12.9	92	94	2.95	70 - 130	30	70 - 130	30		
All target compounds in the Metho NONE	od Blank of this	extraction	batch we	re ND les	s than the	method R	L with th	e following	exceptions:					

BATCH 58159 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1105143-001A	05/03/11 11:15 AM	05/05/11	05/06/11 1:54 PM	1105143-002A	05/03/11 11:37 AM	05/05/11	05/06/11 10:27 AM
1105143-003A	05/03/11 11:40 AM	05/05/11	05/06/11 9:25 AM				

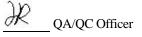
MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

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

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

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

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



McCampbell A		1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269						
Conestoga-Rovers & Associates	Client Project ID: #311956;	9-0020	Date Sampled:	05/03/11				
5900 Hollis St, Suite A			Date Received:	05/03/11				
Syde Homs Br, Suite H	Client Contact: Nathan Lee	e	Date Reported:	05/04/11				
Emeryville, CA 94608	Client P.O.:		Date Completed:	05/04/11				

WorkOrder: 1105052

May 04, 2011

Dear Nathan:

Enclosed within are:

- 1) The results of the 1 analyzed sample from your project: #311956; 9-0020,
- 2) A QC report for the above sample,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

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

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

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

Web		1534 WI PITTSBU campbell.	RG, CA 94	SS RO. 4565-17	AD 01 in@n	nccai		ll.co	m	69						AN		ou	HAND ND	T	M	E		RUS	l H	۲ 24)Y HR		48 1	ORD R 72 H Write O	R 54DAY n (DW)
Report To: n/e	e e crau	ord.	COM E	Bill To	:									õ	_	2		_	A	nal	sis	Req	ues	t				_		Other	Comment
Company: CON Tele: (SID) 4 Project #: 3(1 Project Location: Sampler Signatu	956 1633	00	I F F	E-Mai Fax: (Projec	l: <i>n1</i> 510 t Nan	<i>le€</i>)4	e 20 20	- 0	10	0r10 7 C	1.0	on	-	IS Gas (1002) 10 BILLEY &	MTBE/BTEX GNAN (REPARDET 8821) & 26 0	11 (8015) w/SILICAG	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	arbons (418.1)	8021 (HVOCs)	Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	ticides)	Cl Herbicides)	VOCs)	SVOCs)	AHS / PNAs)	200.8 600 6020)	LUFT S Metals (200.7 / 200.8 (6010) 6020)	026020)		Filter Samples for Metals analysis: Yes / No
		SAM	PLING		ers	1	TAN	RD	ĸ		IETH ESE		D	HAL	HAN	otor O	Dil & C	lydroe	/ 0108	81 (CI	CB's O	NP Pes	Acidic	8260 (8270 ()	8310 (1	200.7 /	1 2.00	8 601		
SAMPLE ID	LOCATION/ Field Point Name	Date	Time	# Containers	Type Containers	Water	Soil	Sludge	Other	ICE	HCL	HNO ₃	Other	MITRE-BURY	MTBE / BTEX @	TPH as Diesel / Motor Oil (8015)	Total Petroleum (Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	EPA 505/ 608 / 8081 (CI Pesticides)	EPA 608 / 8082 PG	EPA S07 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic CI Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 690)	LUFT 5 Metals (2	Lead (200.7 / 200.8 6010 06020)		
* C-1	STOCK PILE	5/3/11	11:47	3			X			+			1	X	Х	X												X	X		
Relinquished By: BELEW	TIFRU	Date: 5/3/11	Time: 1615-	Rece	ived B	57	n	la	1	1	2	1		GO	OD	CON	DIT	ION	NT	-		2	/	~	L	1.			IMEN		11.1.01
Relinquished By:		Date:	Time:	Rece	ived B	y:								API	PRO	PRL		CON	IN L NTAI	_	s_	X	5(W	di	110	on	01	S	Jee a	Hached
Relinquished By: RESUCTS		Date:	Time:	Rece	ived B	y:											TIO	vo	AS	08		ME pH<		s e	отн	ER					

Kgripper@claworld.com EDF TO dohage @ craworld.com

Contingent analyses

- Organic lead required if TTLC lead ≥ 13 mg/kg
- Aquatic bioassay required if any TPH (gasoline, diesel, or motor oil) ≥ 5,000 mg/kg
- TCLP benzene required if benzene ≥ 10 mg/kg
- · TCLP and STLC required for metals per table below

Metal	Trigger level TTLC (mg/kg)	Requirement
Antimony	150	STLC required if TTLC ≥ 150 mg/kg
		STLC required if TTLC \geq 50 mg/kg;
Arsenic	50/100	STLC and TCLP required if TTLC ≥ 100 mg/kg
		STLC required if TTLC \geq 1,000 mg/kg;
Barium	1,000/2,000	STLC and TCLP required if TTLC ≥ 2,000 mg/kg
Beryllium	7.5	STLC required if TTLC \geq 7.5 mg/kg
		STLC required if TTLC $\geq 10 \text{ mg/kg}$;
Cadmium	10/20	STLC and TCLP required if TTLC $\geq 20 \text{ mg/kg}$
		STLC required if TTLC \geq 50 mg/kg;
Chromium	50/100	STLC and TCLP required if TTLC ≥ 100 mg/kg
Cobalt	800	STLC required if TTLC \geq 800 mg/kg
Copper	250	STLC required if TTLC ≥ 250 mg/kg
		STLC required if TTLC \geq 50 mg/kg;
Lead	50/100	STLC and TCLP required if TTLC ≥ 100 mg/kg
		STLC required if TTLC $\geq 2 \text{ mg/kg}$;
Mercury	2/4	STLC and TCLP required if TTLC \geq 4 mg/kg
Molybdenum	350	STLC required if TTLC \geq 350 mg/kg
Nickel	200	STLC required if TTLC \geq 200 mg/kg
	-	STLC required if TTLC $\geq 10 \text{ mg/kg}$;
Selenium	10/20	STLC and TCLP required if TTLC ≥ 20 mg/kg
		STLC required if TTLC \geq 50 mg/kg;
Silver	50/100	STLC and TCLP required if TTLC ≥ 100 mg/kg
Thallium	70	STLC required if TTLC \geq 70 mg/kg
Vanadium	240	STLC required if TTLC \geq 240 mg/kg
Zinc	2,500	STLC required if TTLC \geq 2,500 mg/kg



1534 Willow Pass Rd

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Pittsburg, CA 94565-1701 (925) 252-9262				WorkOr	rder: 110505	2 Client	Code: CETE		
	WaterTrax	WriteOn	EDF	Excel	Fax	🖌 Email	HardCopy	ThirdParty	J-flag
Report to:				Bil	II to:		Rec	quested TAT:	1 day
Nathan Lee Conestoga-Rovers & Associates 5900 Hollis St, Suite A	Email: cc: PO:	nlee@craworld.c kgripper@crawo			Accounts Pa Conestoga- 5900 Hollis	Rovers & Associat		te Received:	05/03/2011
Emeryville, CA 94608 (510) 420-3369 FAX (510) 420-9170		#311956; 9-0020)		Emeryville, (CA 94608	Dat	te Printed:	05/03/2011
						Requested Tests	(See legend b	pelow)	

Lab ID	Client ID	Matrix	Collection Date Hold	1	2	3	4	5	6	7	8	9	10	11	12
1105052-001	C-1	Soil	5/3/2011 11:47	А	А	А	Α								

Test Legend:

1	LUFT_S	2	N
6		7	
11		12	2

2	MBTEX-8260B_S
7	
12	

3	PREDF REPORT
8	

4	TPH(DMO)WSG_S
9	

5		
10		

Prepared by: Maria Venegas

The following SampID: 001A contains testgroup.

Comments: 24hr Rush. PLEASE NOTE CONDITIONALS ATTACHED!

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.



"When Ouality Counts"

Sample Receipt Checklist

Client Name:	Conestoga-Rove	rs & Associates			Date a	and Time Received:	5/3/2011 4	:15:52 PM
Project Name:	#311956; 9-0020				Check	list completed and re	eviewed by:	Maria Venegas
WorkOrder N°:	1105052	Matrix <u>Soil</u>			Carrie	r: <u>Client Drop-In</u>		
		<u>Chai</u>	n of Cu	stody (C	OC) Informa	ition		
Chain of custody	present?		Yes	✓	No 🗆			
Chain of custody	signed when relinquis	shed and received?	Yes	✓	No 🗆			
Chain of custody	agrees with sample la	abels?	Yes	✓	No 🗌			
Sample IDs noted	by Client on COC?		Yes	✓	No 🗆			
Date and Time of	collection noted by Clie	ent on COC?	Yes	✓	No 🗆			
Sampler's name r	noted on COC?		Yes		No 🔽			
		<u>s</u>	Sample	<u>Receipt</u>	Information			
Custody seals int	tact on shipping contai	iner/cooler?	Yes		No 🗆		NA 🔽	
Shipping containe	er/cooler in good condi	ition?	Yes	✓	No 🗆			
Samples in prope	er containers/bottles?		Yes	✓	No 🗆			
Sample containe	rs intact?		Yes		No 🗆			
Sufficient sample	volume for indicated	test?	Yes		No 🗌			
		Sample Prese	ervation	and Ho	<u>Id Time (HT)</u>	Information		
All samples recei	ved within holding time	e?	Yes	✓	No 🗌			
Container/Temp E	Blank temperature		Coole	r Temp:	14.6°C		NA 🗆	
Water - VOA vial	s have zero headspac	ce / no bubbles?	Yes		No 🗆	No VOA vials subm	itted 🗹	
Sample labels ch	necked for correct pres	servation?	Yes	✓	No 🗌			
Metal - pH accept	table upon receipt (pH	<2)?	Yes		No 🗆		NA 🗹	
Samples Receive	ed on Ice?		Yes	✓	No 🗆			
		(Ice Ty	be: WE	TICE))			
* NOTE: If the "N	lo" box is checked, se	e comments below.						

Client contacted:

Date contacted:

Contacted by:

Comments:

	McCampbell Analyti "When Ouality Counts"	<u>cal, Inc.</u>	Web: www.mccamp			ccampbell.c	com
Conestoga	-Rovers & Associates	Client Project ID:	#311956; 9-0020	Date Sample	ed: 05	/03/11	
5900 Holli	s St, Suite A			Date Receiv	ed: 05	/03/11	
5500 11011	s St, Suite A	Client Contact: N	athan Lee	Date Extract	ed: 05	/03/11	
Emeryville	, CA 94608	Client P.O.:		Date Analyz	xed 05	/03/11	
	Gasoline Ra	nge (C6-C12) Vola	tile Hydrocarbons as G	asoline*			
Extraction meth	od SW5030B	Analytical m	nethods SW8015Bm		Wo	rk Order:	1105052
Lab ID	Client ID	Matrix	TPH(g)		DF	% SS	Comments
001A	C-1	S	150		5	107	d7
	Reporting Limit for DF =1; ND means not detected at or	W	NA		NA		
	above the reporting limit	S	1.0			mg/Kg	5

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

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

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

d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

	<u>McCampbo</u>	ell Ana en Ouality Cot		<u>.</u>	Web: ww		bell.coi	ad, Pittsburg, CA n E-mail: main 2-9262 Fax: 925		m		
Conest	coga-Rovers & Asso	ciates	Client Pro	ject ID: #	311956; 9-0020		Dat	e Sampled:	05/03/11			
5900 H	lollis St, Suite A						Dat	e Received:	05/03/11			
	· · · · · · · · · · · · · · · · · · ·		Client Co	ntact: Na	than Lee		Dat	e Extracted:	05/03/11			
Emery	ville, CA 94608		Client P.O).:			Dat	e Analyzed:	05/04/11			
Extractio	n method: SW3050B	I SW3050B Anal								Work O	rder: 1	105052
Lab ID	Client ID	Matrix	Extraction Type	Cadmiun	n Chromium	Lea	ıd	Nickel	Zinc	DF	% SS	Comments
001A	C-1	S	TOTAL	ND	52	94	0	28	110	1	90	

Reporting Limit for DF =1;	W	TOTAL	NA	NA	NA	NA	NA	NA
ND means not detected at or above the reporting limit	S	TOTAL	1.5	1.5	5.0	1.5	5.0	mg/Kg

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

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

TOTAL = Hot acid digestion of a representative sample aliquot.

TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.

DISS = Dissolved metals by direct analysis of 0.45 μ m filtered and acidified sample.

SS = Percent Recovery of Surrogate StandardDF = Dilution Factor

DHS ELAP Certification 1644



Angela Rydelius, Lab Manager

McCampbell An "When Ouality		cal, Inc	<u>•</u>		Web: www.mccamp	ass Road, Pittsburg, CA bell.com E-mail: main 77-252-9262 Fax: 92:	@mccampbell.c	com		
Conestoga-Rovers & Associates		Client Proj	ect ID: #	#311950	5; 9-0020	Date Sampled:	05/03/11			
5900 Hollis St, Suite A						Date Received:	05/03/11			
System in Street		Client Cor	ntact: Na	athan L	ee	Date Extracted:	05/03/11			
Emeryville, CA 94608		Client P.O.	.:			Date Analyzed:	05/03/11			
		MTBE	and BT	EX by (GC/MS*					
Extraction Method: SW5030B		Analyt	ical Method	l: SW826	0B		Work Order:	1105052		
Lab ID	11050	52-001A								
Client ID	(C-1					Reporting DF	Limit for		
Matrix		S					1			
DF		50					S	W		
Compound				Conce	entration		mg/kg	ug/L		
Benzene	NE	0<0.25					0.005	NA		
Ethylbenzene		1.2					0.005	NA		
Methyl-t-butyl ether (MTBE)	NE	0<0.25					0.005	NA		
Toluene	().64					0.005	NA		
Xylenes		5.9					0.005	NA		
		Surrog	gate Rec	overies	s (%)					
%SS1:		81								
%SS2:		86								
Comments										
extracts are reported in mg/L, wipe sampl	* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe. ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.									
# surrogate diluted out of range or coelut	es with a	nother peak;	&) low su	irrogate	due to matrix inter	ference.				
%SS = Percent Recovery of Surrogate Sta	ndard									

DF = Dilution Factor

	When Quality Coun		Web: www.	1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269						
Conestoga-Rovers	& Associates	Client Project ID:	#311956; 9-0020	Date Sampled:	05/03/	52-9269 05/03/11 05/03/11 05/03/11 05/04/01 Work Order: 1105052				
5900 Hollis St, Suite				Date Received:	05/03/	/11				
5900 Hollis St, Suite	A	Client Contact:	Nathan Lee	Date Extracted:	05/03/	/11				
Emeryville, CA 9460)8	Client P.O.:		Date Analyzed:	05/04/	/01				
Extraction method: SW35			Hydrocarbons with ethods: SW8015B	Silica Gel Clean-Up*	w	ork Order:	1105052			
Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS	Comments			
1105052-001A	C-1	S	2200	15,000	100	105	e7,e2			
						-				
							<u> </u>			

Reporting Limit for DF =1;	W	NA	NA	ug/L	
ND means not detected at or above the reporting limit	S	1.0	5.0	mg/Kg	

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

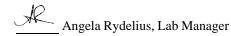
cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

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

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

e2) diesel range compounds are significant; no recognizable patterne7) oil range compounds are significant

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"When Ouality Counts"

QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil	. Sample Matrix: Soil QC Matrix: Soil						BatchID: 57996 WorkOrder 1105					52
EPA Method SW8015Bm	Extra	ction SW	5030B					s	Spiked San	nple ID	: 1104808-0	02A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
Analyte	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex [£]	ND	0.60	121	118	2.51	117	113	3.66	70 - 130	20	70 - 130	20
MTBE	ND	0.10	98.2	102	4.16	93.4	106	12.6	70 - 130	20	70 - 130	20
Benzene	ND	0.10	89.2	92.1	3.27	88.5	95.5	7.55	70 - 130	20	70 - 130	20
Toluene	ND	0.10	88.8	91.3	2.74	87.8	94	6.85	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	89.7	92.8	3.49	88.8	95.2	7.04	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	89.7	92.3	2.86	88	94.4	7.00	70 - 130	20	70 - 130	20
%SS:	90	0.10	79	81	2.75	80	84	5.70	70 - 130	20	70 - 130	20
All target compounds in the Method NONE	Blank of this	extraction	batch we	re ND les	s than the	method R	L with th	e following e	exceptions:			

			<u>BATCH 57996 SL</u>	JMMARY			
Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1105052-001A	05/03/11 11:47 AM	05/03/11	05/03/11 10:45 PM				

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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

A QA/QC Officer

DHS ELAP Certification 1644



McCampbell Analytical, Inc. "When Quality Counts"

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

QC SUMMARY REPORT FOR 6010B

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 1105052 Extraction SW3050B BatchID: 58049 EPA Method SW6010B Spiked Sample ID: 1105016-002A MSD MS-MSD Spiked LCS LCSD LCS-LCSD Sample Spiked MS Acceptance Criteria (%) Analyte LCS/LCSD mg/Kg mg/Kg % Rec. % Rec. % RPD mg/Kg % Rec. % Rec. % RPD MS / MSD RPD RPD ND 50 111 104 6.33 10 97 93.1 4.05 75 - 125 25 75 - 125 25 Cadmium Chromium 35 50 112 104 4.32 10 101 98 3.48 75 - 125 25 75 - 125 25 37 50 116 104 6.35 10 106 88 18.2 75 - 125 25 75 - 125 25 Lead Nickel 20 50 114 104 6.55 10 104 96.4 7.15 75 - 125 25 25 75 - 125 Zinc 72 115 100 102 75 - 125 25 25 500 110 4.02 99.6 1.99 75 - 125 %SS: 99 500 102 97 4.72 500 99 100 1.20 70 - 130 20 70 - 130 20 All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE

			<u>BATCH 58049 SL</u>	JMMARY			
Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1105052-001A	05/03/11 11:47 AM	05/03/11	05/04/11 9:31 AM				

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

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

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

N/A = not applicable to this method.

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

_QA/QC Officer



"When Ouality Counts"

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil			QC Matrix	k: Soil			Batch	ID: 58032		WorkC	order 11050	52
EPA Method SW8260B	Extra	ction SW	5030B					5	spiked Sar	nple ID	: 1104850-0	02A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)	
, and y to	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Benzene	ND	0.050	96.6	109	12.4	82.6	95.5	14.5	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	98.9	106	6.62	92.1	95.3	3.42	70 - 130	30	70 - 130	30
Toluene	ND	0.050	100	112	10.9	85.1	98.3	14.3	70 - 130	30	70 - 130	30
%SS1:	94	0.12	97	96	0.809	97	97	0	70 - 130	30	70 - 130	30
%SS2:	99	0.12	103	103	0	104	104	0	70 - 130	30	70 - 130	30
All target compounds in the Metho NONE	d Blank of this	extraction	batch we	re ND les	s than the	method R	L with th	e following	exceptions:			

			BATCH 58032 SL	JMMARY			
Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1105052-001A	05/03/11 11:47 AM	05/03/11	05/03/11 11:48 PM				

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

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

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

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

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

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

A __ QA/QC Officer



McCampbell Analytical, Inc. "When Quality Counts" 1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil QC Matrix: Soil								D: 57986		WorkOrder 1105052						
EPA Method SW8015B	Extrac	ction SW	3550B/36	630C				s	Spiked San	nple ID:	1104794-0	26A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)							
, analyto	mg/Kg mg/Kg		% Rec. % Rec		% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD				
TPH-Diesel (C10-C23)	ND	40	106	106	0	100	103	2.69	70 - 130	30	70 - 130	30				
%SS:	109	25	91	90	0.783	84	88	4.51	70 - 130	30	70 - 130	30				
All target compounds in the Method E NONE	lank of this	extraction	batch we	re ND les	s than the	method R	L with th	e following e	exceptions:							

BATCH 57986 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1105052-001A	05/03/11 11:47 AM	05/03/11	05/04/01 12:29 PM				

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

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

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

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

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

A QA/QC Officer

McCampbell A		1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269							
Conestoga-Rovers & Associates	Client Project ID: #311956;	Chevron 9-0020	Date Sampled:	05/27/11					
5900 Hollis St, Suite A			Date Received:	05/27/11					
5500 Homs St, Suite A	Client Contact: Nathan Lee	e	Date Reported:	05/31/11					
Emeryville, CA 94608	Client P.O.:		Date Completed:	05/31/11					

WorkOrder: 1105893

May 31, 2011

Dear Nathan:

Enclosed within are:

- 1) The results of the **8** analyzed samples from your project: **#311956; Chevron 9-0020,**
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

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

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

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

Report To: NATE LEE CRA Bill TO: NATHAN LEE CRA																								$W) \square$						
5 Tele: (519) 4:	1956	HARRIS	F F F SON S	-Mai ax: (rojec		LAA	ATH	C.		TET	COM COM	02 / 8021+	E SILIC	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Trocarbons (418.1) TOH 40 80	211115	Y (EPA 602 / 8021)	505/ 608 / 8081 (CI Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	Pesticides)	die CI Herbieides)	60 (VOCs)	70 (SVOCs)	8270 SIM / 8310 (PAHs / PNAs)	17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 (6010) 6020)	6010 / 6020)	Filter sample for DISSOLVED metals analysis		**Indicate here if thes samples ar potentially dangerous handle:
SAMPLE ID	LOCATION/ Field Point Name	Date	Time	# Containers	Type Containers	Water	Air	Sludge	ICE .	HCL	HNO ₃ Other	BIEN & TPH as Ga	TPH as Diesel (8015)	Total Petroleum Oil	Total Petroleum Hydrocarbôns (418.1)	EPA \$02.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX ONLY (EPA 602 / 8021)	EPA 505/ 608 / 8081	EPA 608 / 8082 PCB	EPA S07 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Ci Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 831	CAM 17 Metals (200	LUFT 5 Metals (200	Lead (200.7 / 200.8 / 6010 / 6020)	Filter sample for DIS		TOH NOIL
0E-E- 10.4		052711	1210	1	即改	7			×			×	X	-	×											×	-			
DE-E-7		T	1220	1	TURE	Y	4		7			X	×		×											+			-	
DE - N - 7			1227	1	TUBE)	(×			+	7		×											+				
0E-C-12.5			1413	1	TOBE	3	-		4			×	1		×											×				
OE-5-7.8				1	TUBE	-	1		+			4	×		×											*				
OE-W-63			1417	Nor	TOPE	1			7			1	×		×											×				-
0E-W-11.4			1426)	TURE	1	F		F			X	+		×											*				
0E-W2-6.3		V	1440	1	TUR		K		Ŧ			+	*		×											t				
**MAI clients MUST	disclose any dar	gerous cho	emicals kn	own to	be pre	sent in	their	subm	itted	samp	ples in	conce	entra	tions	that	may	cause	imn	nedia	ate h	arm	or se	riou	s fut	ureh	lealth	n end	langer	ment	s a result of b
gloved, open air, samp allowing us to work sa Relinquished By:	le handling by l			sure ii	ncurs a	n imm						he cli		subj											ink y	ou fe	or yo		derstaa	
Relinquished By: July Has IJ37/11 1445 Received By:						G	OOD	CÓ	NDIT CE A		NT	-					9	end	-											
Relinquished By: By: Relinquished By: By: Date: 3'14 SECURE LOCATION Relinquished By: Date: Time: Received By: CATION						D A	ECH	OPRI	INAT	CO	IN L/		as_	-	-			n	ee	0	cr	200	orld	.com						
Relinquished By:		Date:	Time:	Rece	and b	1	>	-	~	~	8	P	RESE	RVA	TIO		DAS	08		ME pH<		S	OTI	IER						

1



1534 Willow Pass Rd Pittsburg, CA 94565-1701

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

(925) 2	52-9262					Work	Order	1105	893		ClientC	ode: C	ETE				
		WaterTrax	WriteOr	EDF	Γ	Excel	[Fax	[🗸 Email		Hard	Сору	Third	dParty	∐J-	flag
Report to:							Bill to:						Req	uested	TAT:		1 day
Nathan Lee		Email: n	lee@crawor	ld.com			Ac	counts	Payabl	е							
Conestoga-	Rovers & Associates	CC:					Co	nestog	a-Rove	rs & As	sociate	s					
5900 Hollis	St, Suite A	PO:					59	00 Holl	is St, S	te. A			Dat	e Recei	ived:	05/27/	/2011
Emeryville,	CA 94608	ProjectNo: #	311956; Che	evron 9-0020			En	neryville	e, CA 94	4608			Dat	e Print	ed:	05/27/	/2011
(510) 420-332	27 FAX (510) 420-9170)															
									Req	uested	Tests	See leg	gend b	elow)			
Lab ID	Client ID		Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
1105893-001	OE-E-10.4		Soil	5/27/2011 12:10		А	А	А									
1105893-002	OE-E-7		Soil	5/27/2011 12:20		Α	А	Α									
1105893-003	OE-N-7		Soil	5/27/2011 12:27		Α	А	Α									
1105893-004	OE-C-12.5		Soil	5/27/2011 14:13		Α	А	Α									
1105893-005	OE-S-7.8		Soil	5/27/2011 14:17		Α	А	Α									
1105893-006	OE-W-6.3		Soil	5/27/2011 14:27		Α	А	Α									
1105893-007	OE-W-11.4		Soil	5/27/2011 14:26		А	А	Α									
1105893-008	OE-W2-6.3		Soil	5/27/2011 14:40		А	А	Α									

Test Legend:

1	G-MBTEX_S	2
6		7
11		12

2	LUFT_S
7	
12	

3	TPH(DMO)WSG_S
8	

4	
9	

5				
10	1	 		

Prepared by: Ana Venegas

Comments: 24hr rush

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



McCampbell Analytical, Inc. "When Ouality Counts"

Sample Receipt Checklist

Client Name:	Conestoga	-Rovers &	Associates			Date a	nd Time Received:	5/27/2011	6:29:04 PM
Project Name:	#311956; C	hevron 9-0	020			Check	list completed and re	eviewed by:	Ana Venegas
WorkOrder N°:	1105893	Matri	x <u>Soil</u>			Carrie	r: <u>Rob Pringle (M</u>	AI Courier)	
			<u>Chai</u> i	n of Cu	stody (C	COC) Informa	tion		
Chain of custody	present?			Yes	\checkmark	No 🗆			
Chain of custody	signed when	relinquished a	and received?	Yes	✓	No 🗆			
Chain of custody	agrees with s	ample labels?	?	Yes	✓	No 🗌			
Sample IDs noted	by Client on C	OC?		Yes	✓	No 🗆			
Date and Time of	collection note	ed by Client on	COC?	Yes	✓	No 🗆			
Sampler's name n	noted on COC?	•		Yes	✓	No 🗆			
			<u>S</u>	Sample	Receipt	Information			
Custody seals int	act on shippin	g container/co	ooler?	Yes		No 🗆		NA 🔽	
Shipping containe	er/cooler in goo	od condition?		Yes	✓	No 🗆			
Samples in prope	er containers/b	ottles?		Yes	✓	No 🗆			
Sample container	rs intact?			Yes	✓	No 🗆			
Sufficient sample	volume for inc	dicated test?		Yes	✓	No 🗌			
		<u>:</u>	Sample Prese	ervatio	n and Ho	old Time (HT)	Information		
All samples recei	ved within hold	ding time?		Yes	✓	No 🗌			
Container/Temp E	Blank temperat	ure		Coole	er Temp:	9.8°C		NA 🗆	
Water - VOA vial	s have zero h	eadspace / no	bubbles?	Yes		No 🗆	No VOA vials subm	itted 🗹	
Sample labels ch	ecked for corr	ect preservat	ion?	Yes	✓	No 🗌			
Metal - pH accept	table upon rec	eipt (pH<2)?		Yes		No 🗆		NA 🗹	
Samples Receive	d on Ice?			Yes	✓	No 🗆			
			(Ісе Тур	e: WE	TICE)			
* NOTE: If the "N	lo" box is cheo	cked, see con	nments below.						
		====	=====				======	====	

Client contacted:

Date contacted:

Contacted by:

Comments:

	McCampbe	ell An en Ouality (cal, Ir	<u>nc.</u>	1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269								
Cones	toga-Rovers & Asso	ciates			roject ID: #	‡311956; Ch	evron 9-	Date Sampled: 05/27/11						
5900 H	Iollis St, Suite A			0020				Date Receive	ed: 05/27	//11				
				Client C	Contact: Na	than Lee		Date Extract	ed: 05/27	7/11				
Emery	ville, CA 94608		_	Client P.	.0.:			Date Analyz	ed: 05/28	8/11				
Extractio	Ga on method: SW5030B	asoline F	Range (C	C6-C12)	•	drocarbons ical methods: S		e with BTEX a	nd MTBE*		rk Order:	1105893		
Lab ID	Client ID	Matrix	TPF	H(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments		
001A	OE-E-10.4	S	N	ID	ND	ND	ND	ND	ND	1	99			
002A	OE-E-7	S	4.	.1	ND	ND	0.015	ND	0.018	1	98	d7		
003A	OE-N-7	S	N	D	ND	ND	ND	ND	ND	1	100			
004A	OE-C-12.5	S	N	D	ND	ND	ND	ND	ND	1	104			
005A	OE-S-7.8	S	N	D	ND	ND	ND	ND	ND	1	99			
006A	OE-W-6.3	S	N	D	ND	ND	ND	ND	ND	1	105			
007A	OE-W-11.4	S	N	ID	ND	ND	ND	ND	ND	1	102			
008A	OE-W2-6.3	s	Ν	D	ND	ND	ND	ND	ND	1	100			
-	ting Limit for DF =1;	5	50	5.0	0.5	0.5	0.5		ug/I					
	eans not detected at or ve the reporting limit	S	1.	.0	0.05	0.005	0.005	0.005	0.005		mg/k	g		

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

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

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

d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram

	McCampbe	ell Ana		<u>.</u>	Web: www	w.mccamp	bell.cor	ad, Pittsburg, CA n E-mail: main -9262 Fax: 925	@mccampbell.co	m		
Conest	oga-Rovers & Asso	ject ID: #31	#311956; Chevron 9- Date Sampled: 05/				05/27/11					
5900 H	ollis St, Suite A		0020				Dat	e Received:	05/27/11			
			Client Co	ntact: Natha	an Lee		Date	e Extracted:	05/27/11			
Emeryv	rille, CA 94608		Client P.O	0.:			Dat	e Analyzed:	05/31/11			
					FT 5 Metals*							
Extraction	n method: SW3050B Client ID	Matrix	Extraction Type	Analytic Cadmium	al methods: SW6	5010B Lea	d	Nickel	Zinc	Work O	rder: 11 % SS	Comments
001A	OE-E-10.4	S	TOTAL	ND	61	NI		47	24	1	101	
002A	OE-E-7	S	TOTAL	ND	76	14)	38	33	1	91	
003A	OE-N-7	S	TOTAL	ND	62	NI)	36	25	1	93	
004A	OE-C-12.5	S	TOTAL	ND	45	NI)	51	18	1	99	
005A	OE-S-7.8	S	TOTAL	ND	100	NI)	34	20	1	89	
006A	OE-W-6.3	S	TOTAL	ND	70	NI)	39	27	1	97	
007A	OE-W-11.4	S	TOTAL	ND	43	NI)	41	19	1	88	
008A	OE-W2-6.3	S	TOTAL	ND	61	NI)	33	22	1	96	

Reporting Limit for DF =1;	W	TOTAL	NA	NA	NA	NA	NA	NA
ND means not detected at or above the reporting limit	S	TOTAL	1.5	1.5	5.0	1.5	5.0	mg/Kg

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

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

TOTAL = Hot acid digestion of a representative sample aliquot.

TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.

DISS = Dissolved metals by direct analysis of $0.45 \ \mu m$ filtered and acidified sample.

SS = Percent Recovery of Surrogate StandardDF = Dilution Factor

DHS ELAP Certification 1644



Angela Rydelius, Lab Manager

Index Index <th< th=""><th></th><th>ampbell Analy "When Quality Counts</th><th></th><th>Web: www.r</th><th colspan="7">1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269</th></th<>		ampbell Analy "When Quality Counts		Web: www.r	1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269						
5900 Hollis St, Suite A Date Received: 05/2//11 Emeryville, CA 94608 Client Contact: Nathan Lee Date Extracted: 05/27/11 Client Contact: Nathan Lee Date Received: 05/27/11 Client Contact: Nathan Lee Date Analyzed: 05/27/11 Total Extracted: 05/27/11 Total Extractor Date Analyzed: 05/27/11 Lister Contact: Nathan Lee Date Analyzed: 05/27/11 <td>Conestoga-Rovers</td> <td>s & Associates</td> <td>•</td> <td>D: #311956; Chevron</td> <td colspan="3">#311956; Chevron 9- Date Sampled:</td> <td colspan="4">05/27/11</td>	Conestoga-Rovers	s & Associates	•	D: #311956; Chevron	#311956; Chevron 9- Date Sampled:			05/27/11			
Emergy ille, CA 94608 Client Contact: Nathan Lee Date Extracted: $05/27/11$ Client P.O.: Date Analyzed: $05/29/11-05/31/11$ Extraction method: SW3550B/3630C Analytical methods: SW8015B Work Order: 110589 Lab ID Client ID Matrix TPH-Diesel (C10-C23) TPH-Motor Oil (C18-C36) DF $\%$ SS Control 1105893-001A OE-E-10.4 S ND ND 1 91	5000 Hallia St. Suit		0020	05/27/	/11						
Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up* Extraction method: SW3550B/3630C Analytical methods: SW8015B Work Order: 11058 Lab ID Client ID Matrix TPH-Diesel (CI0-C23) TPH-Motor Oil (CI8-C36) DF % SS Control 1105893-001A OE-E-10.4 S ND ND 1 91 1 1105893-002A OE-E-7 S 270 1600 20 107 6 1105893-003A OE-N-7 S ND ND 1 91 1 1105893-004A OE-S-7.8 S ND ND 1 90 1 1105893-005A OE-S-7.8 S ND ND 1 90 1 1105893-006A OE-W-6.3 S ND ND 1 90 1 1105893-007A OE-W-11.4 S 2.1 8.2 1 92 6	5900 Hollis St, Suit	e A	Client Contact:	Nathan Lee	Date Extracted:	05/27/11					
Extraction method: SW355DB/3630C Analytic Imethods: SW815B Work Implementation I	Emeryville, CA 946	508	Client P.O.:		Date Analyzed:	05/29/	/11-05/3	1/11			
Lab ID Client ID Matrix (C10-C23) (C18-C36) DF % SS Constraints 1105893-001A OE-E-10.4 S ND ND 1 91 1 1105893-002A OE-E-7 S 270 1600 20 107 6 1105893-003A OE-N-7 S ND ND 1 111 1 1105893-004A OE-C-12.5 S ND ND 1 90 1 1105893-005A OE-S-7.8 S ND ND 1 90 1 1105893-006A OE-W-6.3 S ND ND 1 90 1 1105893-007A OE-W-11.4 S 2.1 8.2 1 92 6	Extraction method: SW3				Silica Gel Clean-Up*	w	ork Order:	1105893			
1105893-002A OE-E-7 S 270 1600 20 107 e 1105893-003A OE-N-7 S ND ND 1 111 1105893-004A OE-C-12.5 S ND ND 1 90 1105893-005A OE-S-7.8 S ND ND 1 90 1105893-006A OE-W-6.3 S ND ND 1 99 1105893-007A OE-W-11.4 S 2.1 8.2 1 92 e	Lab ID	Client ID	Matrix			DF	% SS	Comment			
Index Index <th< td=""><td>1105893-001A</td><td>OE-E-10.4</td><td>S</td><td>ND</td><td>ND</td><td>1</td><td>91</td><td></td></th<>	1105893-001A	OE-E-10.4	S	ND	ND	1	91				
1105893-004A OE-C-12.5 S ND ND 1 90 1105893-005A OE-S-7.8 S ND ND 1 103 1105893-006A OE-W-6.3 S ND ND 1 99 1105893-007A OE-W-11.4 S 2.1 8.2 1 92 6	1105893-002A	OE-E-7	S	270	1600	20	107	e7,e2			
Index Index Index Index Index Index 1105893-005A OE-W-6.3 S ND ND 1 103 1105893-006A OE-W-6.3 S ND ND 1 99 1105893-007A OE-W-11.4 S 2.1 8.2 1 92 6	1105893-003A	OE-N-7	S	ND	ND	1	111				
Index Index Index Index Index Index 1105893-006A OE-W-6.3 S ND ND 1 99 1105893-007A OE-W-11.4 S 2.1 8.2 1 92 6	1105893-004A	OE-C-12.5	S	ND	ND	1	90				
1105893-007A OE-W-11.4 S 2.1 8.2 1 92 e	1105893-005A	OE-S-7.8	S	ND	ND	1	103				
	1105893-006A	OE-W-6.3	S	ND	ND	1	99				
1105893-008A OE-W2-6.3 S 2.6 11 1 82 e Image: Second sec	1105893-007A	OE-W-11.4	S	2.1	8.2	1	92	e7,e2			
Image: Sector of the sector	1105893-008A	OE-W2-6.3	S	2.6	11	1	82	e7,e2			
Image: state of the state											
Image: Sector of the sector											

Reporting Limit for $DF = 1$;	W	NA	NA	ug/L
ND means not detected at or above the reporting limit	S	1.0	5.0	mg/Kg

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

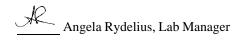
cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

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

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

e2) diesel range compounds are significant; no recognizable patterne7) oil range compounds are significant

DHS ELAP Certification 1644



"When Ouality Counts"

QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil		(QC Matrix	c: Soil			Batch	ID: 58678	WorkOrder 1105893							
EPA Method SW8021B/8015Bm	Extra	ction SW	5030B					5	Spiked Sample ID: 1105861-001A							
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)					
, mary to	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD				
TPH(btex ^f)	ND	0.60	126	128	2.04	126	128	1.76	70 - 130	20	70 - 130	20				
MTBE	ND	0.10	110	115	5.18	106	114	7.03	70 - 130	20	70 - 130	20				
Benzene	ND	0.10	96.1	92.9	3.37	97.8	97.2	0.601	70 - 130	20	70 - 130	20				
Toluene	ND	0.10	95.8	93.4	2.61	97.4	96.6	0.812	70 - 130	20	70 - 130	20				
Ethylbenzene	ND	0.10	95.9	93.9	2.17	97.5	96.4	1.08	70 - 130	20	70 - 130	20				
Xylenes	ND	0.30	94.3	92.8	1.65	97.4	96.4	1.03	70 - 130	20	70 - 130	20				
%SS:	81	0.10	82	79	3.95	82	81	1.60	70 - 130	20	70 - 130	20				
All target compounds in the Method B NONE	lank of this	extraction	batch we	re ND les	s than the	method R	L with th	e following	exceptions:							

			BATCH 58678 SL	JMMARY			
Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1105893-001A	05/27/11 12:10 PM	05/27/11	05/28/11 1:56 AM	1105893-002A	05/27/11 12:20 PM	05/27/11	05/28/11 2:26 AM
1105893-003A	05/27/11 12:27 PM	05/27/11	05/28/11 2:55 AM	1105893-004A	05/27/11 2:13 PM	05/27/11	05/28/11 3:25 AM
1105893-005A	05/27/11 2:17 PM	05/27/11	05/28/11 3:55 AM	1105893-006A	05/27/11 2:27 PM	05/27/11	05/28/11 4:24 AM
1105893-007A	05/27/11 2:26 PM	05/27/11	05/28/11 4:54 AM	1105893-008A	05/27/11 2:40 PM	05/27/11	05/28/11 5:23 AM

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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

A QA/QC Officer



<u>McCampbell Analytical, Inc.</u>

"When Ouality Counts"

QC SUMMARY REPORT FOR 6010B

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 1105893 EPA Method SW6010B Extraction SW3050B BatchID: 58618 Spiked Sample ID: 1105766-004A MSD MS-MSD LCSD LCS-LCSD Sample Spiked MS Spiked 1 CS Acceptance Criteria (%) Analyte MS / MSD RPD LCS/LCSD RPD % Rec. % RPD % Rec. % RPD mg/Kg mg/Kg % Rec. mg/Kg % Rec. Lead 88 50 97.6 94.8 1.01 10 89.9 89.3 0.697 75 - 125 25 75 - 125 25 104 %SS: 500 104 107 2.74 500 97 103 5.63 70 - 130 20 70 - 130 20 All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE

BATCH 58618 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracte	d Date Analyzed
1105893-001A	05/27/11 12:10 PM	05/27/11	05/31/11 2:52 PM	1105893-002A	05/27/11 12:20 PM	05/27/11	05/31/11 3:02 PM
1105893-003A	05/27/11 12:27 PM	05/27/11	05/31/11 3:05 PM	1105893-004A	05/27/11 2:13 PM	05/27/11	05/31/11 3:08 PM
1105893-005A	05/27/11 2:17 PM	05/27/11	05/31/11 3:11 PM	1105893-006A	05/27/11 2:27 PM	05/27/11	05/31/11 3:15 PM
1105893-007A	05/27/11 2:26 PM	05/27/11	05/31/11 3:18 PM	1105893-008A	05/27/11 2:40 PM	05/27/11	05/31/11 3:21 PM

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

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

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

N/A = not applicable to this method.

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

DHS ELAP Certification 1644

____QA/QC Officer



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

"When Ouality Counts"

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil		(QC Matri	x: Soil			Batch	ID: 58694		WorkOrder 1105893					
EPA Method SW8015B	Extra	ction SW	3550B/36	630C				Spiked Sample ID: 1105893-008A							
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)				
, maly to	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD			
TPH-Diesel (C10-C23)	2.6	40	108	108	0	103	103	0	70 - 130	30	70 - 130	30			
%SS:	82	25	91	90	0.593	82	82	0	70 - 130	30	70 - 130	30			
All target compounds in the Metho NONE	od Blank of this	extraction	batch we	re ND les	s than the	method R	L with th	e following	exceptions:						

BATCH 58694 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1105893-001A	05/27/11 12:10 PM	05/27/11	05/29/11 4:53 AM	1105893-002A	05/27/11 12:20 PM	05/27/11	05/31/11 12:28 PM
1105893-003A	05/27/11 12:27 PM	05/27/11	05/31/11 12:23 PM	1105893-004A	05/27/11 2:13 PM	05/27/11	05/30/11 2:27 AM
1105893-005A	05/27/11 2:17 PM	05/27/11	05/29/11 7:42 PM	1105893-006A	05/27/11 2:27 PM	05/27/11	05/29/11 9:58 PM
1105893-007A	05/27/11 2:26 PM	05/27/11	05/30/11 6:53 AM	1105893-008A	05/27/11 2:40 PM	05/27/11	05/31/11 2:00 PM

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

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

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

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

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

DHS ELAP Certification 1644

When Qual		1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269							
Conestoga-Rovers & Associates	Client Project ID: #311956	; Chevron 9.0020	Date Sampled:	06/10/11					
5900 Hollis St, Suite A			Date Received:	06/10/11					
5500 Homs by, bute M	Client Contact: Nathan Le	e	Date Reported:	06/13/11					
Emeryville, CA 94608	Client P.O.: Date Completed: 06/13/								

WorkOrder: 1106376

June 13, 2011

Dear Nathan:

Enclosed within are:

- 1) The results of the 2 analyzed samples from your project: **#311956; Chevron 9.0020,**
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

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

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

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

								_	11	ò	03				_		_	_	_			_	_		_								
McCAMPBELL ANALYTICAL, INC. 1534 WILLOW PASS ROAD PITTSBURG, CA 94565-1701 Website: www.mcrampbell.com Telephone: (877) 252-9262 Fax: (925) 252-9269							CHAIN OF CUSTODY RECORD TURN AROUND TIME A GOVERNMENT CONTINUE A							V) 🖬																			
Report To: ma	L. NATHA	NIE	E B	ill To	:Nut	hu	0 1	PP		CI	A			_	_	-	0 5	5	A	nal	ysis	_	_		mp	10 13	em	uen	i ai		ther	-	Comments
Company: Cf	NERYVILL	E	E	-Mai	1: n	lee)L	120	cra	200	10	d.e	0	n	S015) MTBE	L CLENUP	520 E/B&F)	7015* #16160										120)	20)					** Indicate here if these samples are potentially
Project #: 311 Project Location:		HARRI				Name: CHEVION 9.0020 OAICLAND			5	A GEL	664 / 552	(1-81)	VOCs)	(8021)	es)	roclars /		bicides)			(svv)	010 / 603	6010 60		netals a			dangerous to handle:					
Sampler Signatur		7-	3		MATRIX METHOD				8021	SILICA	ise (1	-	I (H	V 602	ticid	N: Y	des)	Herb	(s))Cs)	Is / P	8/6	8 6	(0Z05	ED a		1	Please					
	X	SAMI	PLING		s		MA	TR	IX		MET			Gas (602 /	10	& Grea	deneart	10 / 802	LV (EP)	(CI Pes	3's ONL	Pestici	idie CI I	60 (VO	70 (SVC	10 (PAF	0.7 / 200	0.7 / 200	6010/	SSOLV		i	s instoroil
SAMPLE ID	LOCATION/ Field Point Name	Date	Time	# Containers	Type Containers	Water	Soil	Air .	Sludge	ICE	HCL	HNO ₃	Other	BTEX & TPH as G	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Warnt-Baseoloum Hydevenrhous (ABLI) 2015	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX ONLY (EPA 602 / 8021)	EPA 505/ 608 / 8081 (CI Pesticides)	EPA 608 / 8082 PCB's ONLV; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic CI Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 6010 6020)	Lead (200.7 / 200.8 / 6010 / 6020)	Filter sample for DISSOLVED metals analysis		b	y 8015 with silica bel cleunup
0E-E2-C		06.10.11	0 900	1	TUBO		×			X				×	7		X					1						×				+	
0E-E2-6		06.10.11		(TUBE		7		-	X				×	×		X											×					
**MAI clients MUST gloved, open air, samp allowing us to work sa Relinquished By: Supplier Relinquished By: Relinquished By: Relinquished By: Relinquished By:	ole handling by			Reco Sec Reco		y: //	ocu	iate 5	\$250 \$	surch				ICI GC HE DE AP PR	E/t° OOD AD CHI PRO ESE	CON SPAC		full ION BSE ED COT LA	Int_INT_INT_I	AB_INE	RS_	for h	arm	suffe		Tha	ink y	ou fo	or yo		nderst		

. . . .

See.

1534 Willow Pass Rd Pittsburg, CA 94565-1701

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

(925) 252-9262				WorkO	rder: 110637	6 Clie	entCode: CETE		
	WaterTrax	WriteOn	EDF	Excel	Fax	🖌 Email	HardCopy	ThirdParty	J-flag
Report to:				Bi	II to:		Red	quested TAT:	1 day
Nathan Lee	Email: r	nlee@craworld.c	com		Accounts Pa	yable			
Conestoga-Rovers & Associates	cc:				Conestoga-F	Rovers & Assoc			
5900 Hollis St, Suite A	PO:				5900 Hollis S	St, Ste. A	Da	te Received:	06/10/2011
Emeryville, CA 94608	ProjectNo: #	#311956; Chevr	on 9.0020		Emeryville, C	CA 94608	Da	te Printed:	06/10/2011
(510) 420-3327 FAX (510) 420-9170					-				
						Requested Te	sts (See legend l	oelow)	

Lab ID	Client ID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
1106376-001	OE-E2-C	Soil	6/10/2011 9:00		А	А	Α									
1106376-002	OE-E2-6	Soil	6/10/2011 9:05		А	А	А									

Test Legend:

1	G-MBTEX_S	
6		
11		

2	LUFT_S
7	
12	

3	TPH(DMO)WSG_S
8	

4	
9	

5			
10			

Prepared by: Ana Venegas

Comments: 24hr rush

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



McCampbell Analytical, Inc. "When Quality Counts"

Sample Receipt Checklist

Client Name:	Conestoga	Rovers & Assoc	iates			Date a	and Ti	ime Received:	6/10/2011	4:13:00 PM
Project Name:	#311956; C	hevron 9.0020				Check	klist c	ompleted and re	eviewed by:	Ana Venegas
WorkOrder N°:	1106376	Matrix <u>Soil</u>				Carrie	er:	Rob Pringle (M	Al Courier)	
			<u>Chain c</u>	of Cu	stody (C	COC) Information	ation			
Chain of custody	present?			Yes	✓	No 🗆				
Chain of custody	signed when r	elinquished and rece	eived?	Yes	✓	No 🗆				
Chain of custody	agrees with sa	ample labels?		Yes	✓	No 🗌				
Sample IDs noted	by Client on C	DC?		Yes	✓	No 🗆				
Date and Time of	collection noted	d by Client on COC?		Yes	✓	No 🗆				
Sampler's name n	noted on COC?			Yes	✓	No 🗆				
			<u>Sar</u>	nple	Receipt	Information	<u>1</u>			
Custody seals int	act on shipping	g container/cooler?		Yes		No 🗆			NA 🔽	
Shipping containe	er/cooler in goo	d condition?		Yes	✓	No 🗆				
Samples in prope	er containers/bo	ottles?		Yes	✓	No 🗆				
Sample container	rs intact?			Yes	✓	No 🗆				
Sufficient sample	volume for ind	icated test?		Yes	✓	No 🗌				
		Sample	Preserv	ation	n and Ho	old Time (HT	') Infc	ormation		
All samples recei	ved within hold	ing time?		Yes	✓	No 🗌				
Container/Temp E	Blank temperatu	ire		Coole	r Temp:	9.6°C			NA 🗆	
Water - VOA vial	s have zero he	adspace / no bubble	es?	Yes		No 🗆	No \	/OA vials subm	itted 🗹	
Sample labels ch	ecked for corre	ect preservation?		Yes	\checkmark	No 🗌				
Metal - pH accept	table upon rece	eipt (pH<2)?		Yes		No 🗆			NA 🗹	
Samples Receive	d on Ice?			Yes	✓	No 🗆				
			(Ice Type:	WE	TICE)				
* NOTE: If the "N	lo" box is chec	ked, see comments	below.							
		=====				:		=====		

Client contacted:

Date contacted:

Contacted by:

Comments:

	McCamph	ell An	•	cal, Iı	<u>ıc.</u>	Web	www.mccamp		g, CA 94565-17 : main@mccamp x: 925-252-9269	bell.com			
Cones	stoga-Rovers & Asso	ociates			Project ID:	#311956; C	Chevron	Date Sample	ed: 06/1	0/11			
5900	Hollis St, Suite A			9.0020				Date Receiv	ed: 06/1	0/11			
5700	fionis 5t, 5uite 7			Client (Contact: Na	than Lee		Date Extract	ted: 06/1	0/11			
Emery	yville, CA 94608			Client l	P.O.:		Date Analyzed: 06/10/11						
Extractio	Gas on method: SW5030B	soline Ra	nge (C	C6-C12)	-		5 as Gasoli 5W8021B/8015	ne with BTE2	X and MT		rk Order:	1106376	
Lab ID	Client ID	Matrix	TF	PH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments	
001A	OE-E2-C	S]	ND	ND	ND	ND	ND	ND	1	95		
002A	OE-E2-6	S	1	ND	ND	ND	ND	ND	ND	1	93		

Reporting Limit for DF =1; ND means not detected at or	W	50	5.0	0.5	0.5	0.5	0.5	ug/L
above the reporting limit	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg

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

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

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

	McCampbe	ell Ana 1en Quality Cou		. <u>.</u>	Web: www		bell.con		94565-1701 @mccampbell.com -252-9269	m		
Conest	oga-Rovers & Assoc	ciates	Client Pro 9.0020	ject ID: #	\$311956; Chev	ron	Dat	e Sampled:	06/10/11			
5900 H	Iollis St, Suite A		9.0020	5.0020					06/10/11			
			Client Co	ntact: Natl	nan Lee		Dat	e Extracted:	06/10/11			
Emery	ville, CA 94608		Client P.C).:			Date	e Analyzed:	06/13/11			
Extraction	method: SW3050B		UFT 5 Metals*					Work C	Order: 11	106376		
Lab ID	Client ID	Matrix	Extraction Type	Cadmium	Chromium	Lea	ıd	Nickel	Zinc	DF	% SS	Comments
001A	OE-E2-C	S	TOTAL	ND	68	NI)	48	27	1	89	
002A	OE-E2-6	S	TOTAL	ND	51	NI)	44	21	1	93	

Reporting Limit for DF =1; ND means not detected at or	W	TOTAL	NA	NA	NA	NA	NA	NA
above the reporting limit	S	TOTAL	1.5	1.5	5.0	1.5	5.0	mg/Kg

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

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

TOTAL = Hot acid digestion of a representative sample aliquot.

TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.

DISS = Dissolved metals by direct analysis of $0.45 \,\mu$ m filtered and acidified sample.

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

DHS ELAP Certification 1644



<u> </u>	"When Quality Count			Web: www.m		urg, CA 94565-170 ail: main@mccampl Fax: 925-252-9269				
Conestoga-Rovers &	& Associates		ct ID: #311	956; Chevroi	n Date Samp	oled: 06/10)/11			
5900 Hollis St, Suit		9.0020			Date Recei	ived: 06/10)/11			
5900 Hollis St, Suit	e A	Client Conta	act: Nathan	Lee	Date Extra	cted: 06/10)/11			
Emeryville, CA 946	508	Client P.O.:			Date Analy	yzed: 06/1	06/11/11			
	Total	Extractable Petr	oleum Hydrod	arbons with S	Silica Gel Clean-U	U p*				
Extraction method: SW35	50B/3630C	Analyt	ical methods: SV	V8015B		,	Work Order:	1106376		
Lab ID	Client ID Matrix OE-E2-C S			Diesel -C23)	TPH-Motor Oi (C18-C36)	¹ DF	% SS	Comments		
1106376-001A	OE-E2-C S		2	.2	18	1	101	e7,e2		
1106376-002A	OE-E2-6	S	Ν	ID	ND	1	101			

Reporting Limit for DF =1; ND means not detected at or	W	NA	NA	ug/L
above the reporting limit	S	1.0	5.0	mg/Kg

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

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

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

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: e2) diesel range compounds are significant; no recognizable pattern e7) oil range compounds are significant

DHS ELAP Certification 1644



Angela Rydelius, Lab Manager



"When Quality Counts"

QC SUMMARY REPORT FOR SW8021B/8015Bm

QC Matrix: Soil BatchID: 58903 WorkOrder: 1106376 W.O. Sample Matrix: Soil Spiked Sample ID: 1106241-005A EPA Method: SW8021B/8015Bm Extraction: SW5030B Sample Spiked MS MSD MS-MSD LCS LCSD LCS-LCSD Acceptance Criteria (%) Analyte LCS/LCSD mg/Kg mg/Kg % Rec. % Rec. % RPD % Rec. % Rec. % RPD MS / MSD RPD RPD TPH(btex)[£] ND 0.60 109 108 0.689 107 107 0 70 - 130 70 - 130 20 20 MTBE ND 0.10 103 105 2.06 103 103 0 70 - 130 20 70 - 130 20 ND 0.10 93.1 97.2 4.33 93.5 93.4 0.0827 70 - 130 20 70 - 130 20 Benzene Toluene ND 0.10 96.7 101 4.44 97 96.9 0.0534 70 - 130 20 70 - 130 20 Ethylbenzene ND 0.10 103 108 4.49 103 102 0.332 70 - 130 20 70 - 130 20 0.30 0.349 ND 101 106 4.53 103 102 70 - 130 20 70 - 130 20 **Xylenes** 97 102 5.40 102 99 70 - 130 20 70 - 130 20 %SS: 81 0.10 2.81 All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE

BATCH 58903 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1106376-001A	06/10/11 9:00 AN	1 06/10/11	06/10/11 7:59 PM	1106376-002A	06/10/11 9:05 AM	06/10/11	06/10/11 8:30 PM

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

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

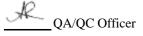
MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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





"When Quality Counts"

QC SUMMARY REPORT FOR 6010B

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 1106376 EPA Method: SW6010B Extraction: SW3050B BatchID: 58989 Spiked Sample ID: 1106376-002A Sample Spiked MS MSD MS-MSD Spiked LCS LCSD LCS-LCSD Acceptance Criteria (%) Analyte RPD mg/Kg mg/Kg % Rec. % Rec. % RPD mg/Kg % Rec. % Rec. % RPD MS / MSD RPD LCS/LCSD Cadmium ND 50 91.1 92.7 1.69 10 94.8 94.1 0.715 75 - 125 25 75 - 125 25 Chromium 51 50 90.9 94.1 1.65 10 97.4 97.6 0.256 75 - 125 25 75 - 125 25 ND 87.8 75 - 125 25 75 - 125 Lead 50 94.4 91.2 3.45 10 85.6 2.60 25 Nickel 44 10 95.4 75 - 125 25 25 50 90.2 92 1.04 96.2 0.835 75 - 125 Zinc 21 94.9 100 103 75 - 125 25 25 500 96.5 1.65 101 1.54 75 - 125 93 1.36 500 70 - 130 20 70 - 130 20 %SS: 500 95 96 88 91 3.69 All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE

			BATCH 58989 S	<u>UMMARY</u>			
Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1106376-001A	06/10/11 9:00 AM	06/10/11	06/13/11 11:38 AM	1106376-002A	06/10/11 9:05 AM	06/10/11	06/13/11 11:28 AM

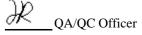
MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

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

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

N/A = not applicable to this method.

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





"When Quality Counts"

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil	N.O. Sample Matrix: Soil QC Matrix: Soil						Batch	ID: 58977		WorkC	Order: 110637	76		
EPA Method: SW8015B	Extrac	ction: SW	3550B/3	630C				5	Spiked Sam	ple ID:	1106376-0	02A		
Analyte	Sample	ample Spiked MS MSD MS-MSD LCS LC					LCSD	LCS-LCSD	Acc	eptance	e Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD		
TPH-Diesel (C10-C23)	ND	40	109	107	2.14	98.3	101	2.28	70 - 130	30	70 - 130	30		
%SS:	101	25	94	92	1.78	78	81	4.17	70 - 130	30	70 - 130	30		
All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE														

BATCH 58977 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1106376-001A	06/10/11 9:00 AM	I 06/10/11	06/11/11 8:28 AM	1106376-002A	06/10/11 9:05 AM	06/10/11	06/11/11 9:36 AM

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

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

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

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

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

DHS ELAP Certification 1644

APPENDIX D

APRIL 2011 WASTE MANIFESTS

ease	e print or type. (Form designed for use on elite (12-pitch) typewriter.)		DJ343748	9	and the second	Form	Approved.	OMB No. 2	
-	JNIFORM HAZARDOUS 1. Generator ID Number WASTE MANIFEST CAROOO216549		3. Emergency Response	9300			247	2 JJ	IK
1 - C	Generator's Name and Mailing Address HEVRON ENVIRON MENTAL MANAGEMENT COM PAN /O CHEVRON PRODUCTS COMPANY WASTE DESK I.O. BOX 6004 Son RAMON, CA 94583 Generator's Phone: 925-543-5833		Senerator's Site Address CHEVRON 1633 HARR OAKLAND, CA	150N	STREET 2	ν.			
	Integrated Wastestream Manageme	ent, I	16.	· · ·	U.S. EPAID N C.A.D.C U.S. EPAID N	1836	5362	.7	
	'. Transporter 2 Company Name	· · · · ·							
	B. Designated Facility Name and Site Address CLEAN HARBORS of SAN JOSE OZI BERRYESSA ROAD SAN JOSE, CA 95133 Facility's Phone: 408-441-0962	SENI H-L R: KD	50 DISC 5-2011 G				4310		1 - 1 - 1 - 1
	9a. 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, HM and Packing Group (if any))		10. Contai No.	ners Type	11. Total Quantity	12, Unit Wt./Vol.	13.	Waste Code	s
	1. NA 3017, HAZARDOUS WASTE, SOLID, N.O. X 9, PG III	D.S.CLEP	001	DM	050	P	D008	aaraan da da aadaada	
		S.7LEA			0.00		352	P	
; 	2 NA 3082, HAZARDOUS WASTE, LIQUID, N.C X BENZENE), 9, PO III	a n' frant a d'a fairsinn n' n	003	DM	165	G	221	DOIB	
-	3.								
L			1			1		1 A 1	1
	14 Special Handling Instructions and Additional Information UPPOFILE: CH 984072 (HAZARDOUS METAL DEBRIS) E				CAT: DPG NWRTE	- 0090	SINESS	S: MBU	<u> </u>
K	PROFILE : (H484 095 (PETROLEUM AND WATER MIXT MATERIAL UNCOVERED DURING SITE INVESTIGATION	TURE) EP	G: PTI (3×55D) UT OF PILOT#	escribed abov	NWRTE HANDLING LEVELD PI re by the proper s	- 0090 PRECAND PE AND hipping nam	020-0 AUTIONS SPLASH) - WST : WEA PROTE	= K CTION kaged,
K	 PROFILE : (HH8H 095 (PETRX)_EUM AND WATER MIXT MATERIAL UNCOVERED DURING SITE INVESTIGATION GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this marked and labeled/placarded; and are in all respects in proper condition for transport acc Exourter. I certify that the contents of this consignment conform to the terms of the ettechnet. 	TURE) EP ONS) * O is consignment a cording to applic ed EPAAcknowle	G : PTI (2×55) UT OF P1LOT# refully and accurately de able international and na edgment of Consent.	escribed abov tional govern	NWRTB HANDLINC LEVELD PI re by the proper s nental regulation	- 0090 PRECAND PE AND hipping nam	020-0 AUTION: SFLASH) - WST : WEA PROTE	= K CTION kaged,
	 PROFILE: CH484 045 (PETROLEUM AND WATER MIXT MATERIAL UNCOVERED DURING SITE INVESTIGATION IS. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this marked and labeled/placarded, and are in all respects in proper condition for transport acc Exporter, I certify that the contents of this consignment conform to the terms of the attacket I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a lang Generator's/Offeror's Printed/Typed Name 	TURE) EP ONS) * O is consignment a cording to applic cd EPA Acknowle rge quantity gene	G : ITI (3 × 55 D UT OF P)LOTH refully and accurately du able international and na odgment of Consont. reator) or (b) (iff am a sm pature	escribed abov tional govern	NWRTB HANDLINC LEVELD PI re by the proper s nental regulation	- 0090 PRECAND PE AND hipping nam	020-0 AUTTON: SPLASH he, and are cl hipment and) - WST : WEA PROTE	kaged, nary y Yea
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GENERATOR'S INITIAL COPY

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Т	NON-HAZARDOUS 1. Generator ID Number CAR000216549 2. Page 1 of 3. Erner		A CONTRACT OF		racking Number	
	WASTE MANIFEST 646.0026661910-106 1 1-9	300-424 Itor's Site Address	-9300) <u>3/194</u>	16-2201	1-001
	S. Cenerater S Harrison and Harrison	tor's Site Address (EVRON			SS)	
C a	CID CHEVRON PRACUCTS COMPANY WASTE DEAN	33 HARR	ISON :	STREFT	9 00049 - 1	
ļč	Generator's Phone: 041	KLAND, C				
6	6. Transporter 1 Company Name Integrated Wastestream Management, Inc	/Tore	es	U.S. EPAID	Number 29265	21.77
	Lintegra Cea Wastescream Mankigement, Inc.	· / Take	ATO CA	U.S. EPA ID	Number	" and Marken a
					,	
	8. Designated Facility Name and Site Address REPUBLIC SERVICES-KELLER CANVON LANDFILL			U.S. EPA ID	Number	
6	GOL RALLEY ROAD			N/A		
ł	BAY POINT, CA 94565 Facility's Phone: 925-458-9800		r·			
ŀ	9. Waste Shipping Name and Description	10. Conta	T	11. Total Quantity	12. Unit Wt./Vol.	
	1. NON-DOT REGULATED MATERIAL	No.	Туре	Quantity		
	(NON-HAZARDOUS SOIL)	001	DT	18	Y	
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	2. ' •					
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CONTRACTOR OF						
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and the second s			· .	i .		
	13. Special Handling Instructions and Additional Information					OUT OF PILOT
	D4212111411 (NON-HAZARDOUS SOIL) ERG: N/A	CEME CA		•	(Lines)	مەر مەرىپىلەر بىرىنىيە بىرىنى بىرىنى بىرىنى بىرىنى بىرىنى بىرىنىيە بىرىنىيە بىرىنىيە بىرىنىيە بىرىنىيە بىرىنىي يېرىنىيە بىرىنىيە بىرى
]	(SOIL GENERATED FROM SITE INVESTIGATION)	CEMC EUS				
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	HANDLING PRECAUTION: WEAR LEVEL D PPE			by the property	binning name a	nd are classified packaged
	 GENERATOR'S/OFFEROR'S CERTIFICATION: thereby declare that the contents of this consignment are fully of marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable inter- 	emational and nati	ional governm	ental regulation	IS.	
	Generator's/Offeror's Printed/Typed Name	-A2		487) Maria	É.w.	Month Day Year
V '	Generators/Offeror's Printed/Typed Name Greening Run Go mess of Chevicus E-MC Asign 15. International Shipments Dimonstrations	Arry 1941	1 Sand Mar	<u>×nan</u>	form N North	
INT'L	15. International Shipments Import to U.S. Transporter Signature (for exports only): Export from U.S.	> Pontore	éntry/exit: aving U.S.:	·		
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ORT	Transporter 1 Printed/Typed Name Signature	Vusal 1	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	Thank	1	
TRANSPORTER	Transporter 2 Printed/Typed Name	3	<u> </u>	<u></u>	<u>I</u>	Month Day Year
₽H						
*	17. Discrepancy					
	17a. Discrepancy Indication Space Quantity Type	Residue		Partial	Rejection	Full Rejection
		Manifest Reference	e Number:			
È	17b. Alternate Facility (or Generator)			U.S. EPA	ID Number	
FACILITY				ŀ		
	Facility's Phone: 17c. Signature of Alternate Facility (or Generator)		·			Month Day Year
NAT						
DESIGNATED						
	18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as no					M. II. Davis Varg
	Printed/Typed Name Signatur	re ·				Month Day Year

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	NON-HAZARDOUS 1. Generator ID Number CAR000216549 2. Page 1 of	of 3. Emer	jency Response	Phone		acking Numb	
ľ	WASTE MANIFEST GAGOO2.661710-1000	l % (DO-サ2サ or's Site Address	- 1500	<u>5/145</u> an mailing addre	<u>6-2201</u> 1981	1 Children
	5. Generator's Name and Mailing Address		EVRON				
	CHEVRON EMC LIG CHEVRON PRODUCTS COMPANY WASTE DESK BA BAY GOTH	163	3 HARF	(ISON ·	STREET		
	P.A. BOX 6004 SAN RAMON, CA 94503 Generators Phone: 925-543-5833	OAK	LAND, C	A 946	12		
	6. Transporter 1 Company Name				U.S. EPA ID		and the second
	Integrated Wastestream Management,	Inc.					53627
	7. Transporter 2 Company Name				U.S. EPA ID	Number	
	8. Designated Facility Name and Site Address				U.S. EPA ID	Number	· · · · · · · · · · · · · · · · · · ·
	REPUBLIC SERVICES-KELLER CANYON LANDFILL						
	901 BAILEY ROAD				N/1	4	
	BAY POINT, CA 94565 Facility's Phone: 925-453-9800					<u> </u>	
	9. Waste Shipping Name and Description		10. Conta		11. Total Quantity	12. Unit Wt./Vol.	
	1. NON-DOT REGULATED MATERIAL		No.	Туре			
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GENERATOR	2.				-		
с I						2010 Control of Contro	
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	3.		1				
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	13. Special Handling Instructions and Additional Information		L				OUT OF PILOT
	DH212111411 (NON-HAZARDUS SOIL) ERG: N/A		CEMC C	AI: D	pg Q		
	(SOIL GENERATED FROM SITE INVESTIGATION)		CEMC B				
1			NWRTE	3-009	0020-	0-WS	\mathcal{T}_{i}
	HANDLING PRECADTION! WEAK LEVEL D PPE						
╈	14. GENERATOR'S/OFFEROR'S CERTIFICATION: 1 hereby declare that the contents of this consignment marked and labeled/placarded, and are in all respects in proper condition for transport according to app	n t are fully a plicable inte	n d accurately de mational and nat	seribed above ional governm	by the proper si ental regulation	hipping-name, s.	and are classified, packaged,
	Generator's/Offeror's Printed/Typed Name	Signature					Month Day Year
¥	Cargenel Ruise man & Changen FAAC	<u>A</u>	10 galling		S. O.S. Gabelou	M	C 1091 06 11
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			Date lea	aving U.S.:			
TRANSPORTER	16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name	Signature	17 7	<u>.</u>	61		Month Day Year
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ANS	Transporter 2 Printed/Typed Name	Signature	Carrier Contract				Month Day Year
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Å	17. Discrepancy						
	Quantity Usereparty indication Space		Residue		Partial	Rejection	Full Rejection
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>	17b. Alternate Facility (or Generator)	~			U.S. EPA	ID Number	
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COLONATED	17c. Signature of Alternate Facility (or Generator)]					, , ,
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	18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest e	except as no Signature					Month Day Year
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	NON-HAZARDOUS	1. Generator ID Number CA		2. Page 1 of 3. Em			i.	racking Nun		
	WASTE MANIFEST	LAG00266	H+++++++++++++++++++++++++++++++++++++		100-424-		31195	6-22	011-00:	2
	5. Generator's Name and Maili CHEVRON EAC				ator's Site Address			ess)		
	CIG CHEVRON OROD	UCTS COMPANY V	MASTE DESK		ievrun 33 harri					
	1.0. BOX 6004				KLAND, C					
	SAN RAMON, CA Generator's Phone: 725	-543-5833		UA	K.L. MIN VI L.	r rivol.				
	6. Transporter 1 Company Nar		AA .	-	The	2003	U.S. EPA ID		, P ^{er -} + 19 & 27	179
	Integrated	Wastestream	Managem	ert Inc	1 Tel	And the			<u>65362</u>	
5	7. Transporter 2 Company Nar	ne				فميد	U.S. EPA ID	Number		
				· · ·				Marchan		
	8. Designated Facility Name a	NICES-KELLER	MANYAN LANG	S27111			U.S. EPA ID	Number		
	901 BAILEY ROA		CRIMACAN FRAME	5 f f f f f f f f f f f f f f f f f f f			N/A			
	BAY POINT, CA Facility's Phone: 925-	94565					19777	I		
	Facility's Phone: 925-	458-9800			10.0					
	9, Waste Shipping Narr	ne and Description	•		10. Cont No.	· · · · · ·	 11. Total Quantity 	12. Unit Wt./Vol.		4
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	7. Transporter 2 Company Name		/	~	U.S. EPA ID	Number			
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	18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest e							lh Dav	Ves
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APPENDIX E

MAY 2011 WASTE MANIFESTS AND LANDFILL RECIEPTS

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9. Waste Shippi	ng Name and Description		-		10. Cont No.	lainers Type	11. Total Quantity	12. Unit Wt./Vol.		
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marked and labeled Generator's/Offeror's P	/placarded, and are in all re rinted/Typed Name	espects in proper conditi	on for transport acco なる。なら テルグ			ional governi	nental regulations		Month	Day Year
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NON-HAZARDOUS 1. Generator ID Number	2. Page 1 of	3. Emergency Respons		· ·	Fracking Nu	
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	543-5833	OAKLAND,	CA 94	16/2		
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	Generator's Phone: 925-573-5833 OAKLAND, CA 946/2.										
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	REPUBLIC SERVIC	ES KELLEK CAN	ION LANDFILL	•	-						
	901 BAILEY ROP BAY POINT, CA	94595					N//	4			
	Facility's Phone:	725-450	-9800		10 Carla			1	T		
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RS-F04

KELLER CANYON LANDFILL 901 BAILEY ROAD PITTSBURG, CA

Contract: #4212111411 SOIL

Attri: Dave Patten

674886

SITE O3.	тіскет 622663	GRID	
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Chevron Environmental Management Company

6001 Bollinger Canyon Rd., Bldg K-2036 San Ramon, CA 94583-0804

Inbound - SCALE TICKET

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SERVICES

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Designated Facility Name a REPUBLIC SERV OI BAILEY RO BAY POINT, CA S acility's Phone:	KES KELLER " MD	CANVON LAN 58-9800	IDF H-L-			U.S. EPA ID			
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NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of 3. E				Fracking Nu	mber 05.11-008
5. Generator's Name and Mail CHEVRON EMC CTO CHEVRON PH R.O. BOX GOD4 SAN RAMON CA Generator's Phone	J	Gen EDESK C	erator's Site Addres HEVRON 33 HARA AKLAND	s (if different th 9-002 2155A/	an mailing addr 30 57REE	ress)	7.
6. Transporter 1 Company Nar IWM Tr	re $\neq 100$				U.S. EPA ID		653627
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MELLER CANYON LANDFILL OI G22786 YOI BAILEY ROAD FILLIPE C OI G22786 674886 FELLIPE C Chevron Environmental Management Company The M Attain Dave Pattern 31. May 2011 J01453 am GOI Bollinger Carvon Rd., Eldy K-2036 FREE ROLOFF San Ramon, CA. 94283-0604 FSTI REFERENCE Contract: #421211411 SDIL OAKLAND OAKLAND OO Gross Meight 28,380.00 Ib Inbound - SCALE TICKET Net Weight 48,640.00 Ib 24,32 TN OAKL AND Or With Schert 78,580.00 Ib Inbound - SCALE TICKET Net Weight 48,640.00 Ib 24,32 TN OAKL AND Or Or Schert 78,787 SUBERDING Stored Tare Weight 29,760.00 Ib Inbound - SCALE TICKET Net Weight 48,640.00 Ib 24,32 TN OAKLEY FEE Max With Decompton SUBMET OF SCALE Yeace Schert 60 ORGAN Or OLD FUEL NECOVERY FEE 1.00 LD FUEL NECOVERY FEE Summer Services OHERMONTE Services Summer Markey Schert 7000000000000000000000000000000000000	' .		•							10	866360
674336 Chevron Environmental Management Company Attns Dave Patter 6001 Bollinger Canvon Rel., Bidg K-2036 San Ramon, CA. 94553-0804 Contracts M4212111411 SOIL OC Gross Weight 78,380.00 lb Net Weight 29,760.00 lb Net Weight 48,640.00 lb 24.32 TN 000 LD FUEL RECOVERY FEE 1.00 LD FUEL RECOVERY FEE 1.00 LD FUEL RECOVERY FEE 000 CMANE 000 CMANE 000 CMANE 000 CMANE 000 CMANE		901 BAI	ULEY RO)AD	. · ·		01	6229			
Chevron Environmental Management Company Attn: Dave Fatter 6001 Bollinger Carbon Rd., Bldg K-2036 San Ramon, CA. 94583-0804 Contract: #44212111411 SOIL 00 Gross Weight 72,380.00 lb Stored Tare Weight 29,740.00 lb Net Weight 48,640.00 lb 24.32 TN 00 Conserver Server State Stores Sto		· · · ·	#9.5 ₈ - CM)		,	DATE IN		2011	10:43 au	ħ
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A	NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number		2. Page 1 of 3. Em			4. Waste T 3/1950			-
	5. Generator's Name and Mall CHEVRON EMC CIOCHEVRON PA E.O. BOX 6004	ing Address	311956-0511-022 an mailing address) 5 57REET							
	SAN RAMONI, CA Generator's Phone:									
	6. Transporter 1 Company Nar	Ro. Box Goog 1633 HARKISON 1633 <th></th> <th></th>								
	<u>Perez</u> a	ind Sons	• -	•						
	7. Transporter 2 Company Nar	ne					U.S. EPA ID	Number		
	8. Designated Facility Name a	nd Site Address					U.S. EPA ID	Number		
	REPUBLIC SERV 901 BAILEY RU BAY POINT, CA	OAD	CANYON LANDI	FILL			. N/A			
'	Facility's Phone:	125-4	58-7800						• T	
	9. Waste Shipping Nam				10. Conl No.	ainers Type	11. Total Quantity	12. Unit Wt./Vol.		
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D FA	Facility's Phone:		· · · · · · · · · · · · · · · · · · ·							
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		or Operator: Certification of rece	ipt of materials covered by the ma	mifest except as note	d in Item 17a					
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KELLER CANYON LANDFILL 201 BAILEY ROAD	SITE TICKET GRID O.1. 6222959 WEIGHMASTER
FITTSBURG, CA	FELLIPE C DATE IN TIME IN 31 Macy 201.1 9::37 avm
Chevron Environmental Management Company Attn: Dave Patten 6001 Bollinger Canyon Rd., Bldg K-2036	DATE OUT 31. Mary 2011. 9 a 37 am VEHICLE TWM1.06
San Ramon, ČA 94583-0804 Contract: #4212111411 SOIL	REFERENCE ORIGIN
Gross Weight 70,960.00 15 Stored Tare Weight 28,280.00 15 Net Weight 42,680.00 15 21.34 Th	Incound - SCALE TICKET
QTY. UNIT DESCRIPTION	
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A	NON-HAZARDOUS	1. Generator ID Number		2. Page 1 of	3. Emergency Respons		4. Waste 1			
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	5. Generator's Name and Mailir	9			Generator's Site Addres	s (if different ti	han mailing addr	ess)		
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	Generator's Phone:	145-51	5-5822	I	ORKENTVU	set i t		Musshan		
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	Integrat	ed Waste	Managen	hent	* 10 ka		CAL	> 18	<u>36536</u>	\mathcal{A}
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	8. Designated Facility Name an	d Site Address			1		U.S. EPA ID	Number		
	KEPUBIIC SERVIC	ES KELLER CAN	YON LANDFIL	, La						
	901 BAILEY ROA	D								
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	Facility's Phone:	925-456	3-7800		3				r	
Distance of the local	9. Waste Shipping Name	and Description			10. Cont	ainers	11. Total	12. Unit		
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DESIGNATED FACILITY	17c. Signature	of Allernate Facility	r (or Generator)							Month C	Day Year
	18. Designated	Facility Owner or (Deerator: Certification of receiv	ot of materials covered by the in	anifest excent a	is noted in item 17a) .			
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