December 10, 2015

Los Angeles Fire Department
Underground Storage Tank – Enforcement Unit
200 North Main Street, Room 1700
Los Angeles, California 90012

Re: Groundwater Assessment Results, Former Underground Storage Tank Site, 12870 Panama Street, Los Angeles, California 90066

To Whom It May Concern:

Alta Environmental (Alta) submits this letter-report to provide a brief summary of the groundwater analytical results at the subject site. The Site is an approximately 2.15-acre property located within a mixed commercial and residential area of Los Angeles, California. Two subsurface hydraulic lifts and one 250-gallon waste oil UST were formerly located within a 1,424 square-foot facilities maintenance building located along the southeastern property boundary. The UST and the two hydraulic lifts were removed and properly disposed under City of Los Angeles Fire Department (LAFD) oversight. Following UST removal, soils impacted by Total Petroleum Hydrocarbons (TPH) were overexcavated to 10 feet below ground surface (bgs), and on April 1, 1996, a no further action finding was later issued by the LAFD.

As indicated on the attached figure, groundwater samples were recently collected from several borings drilled at locations upgradient and downgradient of the former UST area. The borings were drilled into the groundwater utilizing both hand augering and direct-push drilling methods. Upon reaching groundwater, a temporary well screen was advanced into the formation to facilitate the collection of groundwater samples. The samples were submitted to a state-certified laboratory for analysis of TPH as gasoline (TPH-g), diesel (TPH-d), and waste oil (TPH-o) by EPA Method 8015M and for volatile organic compounds (VOCs) by EPA Method 8260B.

The distribution of TPH concentrations are provided in the attached Figure. Tabulated summaries of the VOC and TPH results are provided in Tables 1 and 2, attached. The laboratory reports of the groundwater samples are also attached. A summary of the groundwater investigation results are as follows:

- Groundwater was encountered at approximately 12 to 13.5 feet bgs.
- Concentrations of TPH-d were detected in the groundwater samples, ranging up to 1,500 micrograms per liters (µg/L) at Boring B5.
- Concentrations of TPH-o were also detected in the groundwater samples, ranging up to 3,800 µg/L at Boring B14.
- No concentrations of TPH-g were detected.
- Except for a trace (J-flag) concentrations of 2-butanone and carbon disulfide (also detected in the laboratory method blank sample) from Borings B5 and B14, no VOCs in groundwater samples were detected.

Please review the enclosed analytical data and advise on further action. We can be reached at 562-495-5777 to discuss. Your prompt response will be greatly appreciated.

Alta Environmental
3777 Long Beach Boulevard Annex Building Long Beach CA 90807 United States of America
T (562) 495 5777 F (562) 495 5877 Toll-free (US only) (800) 777-0605 altaenviron.com

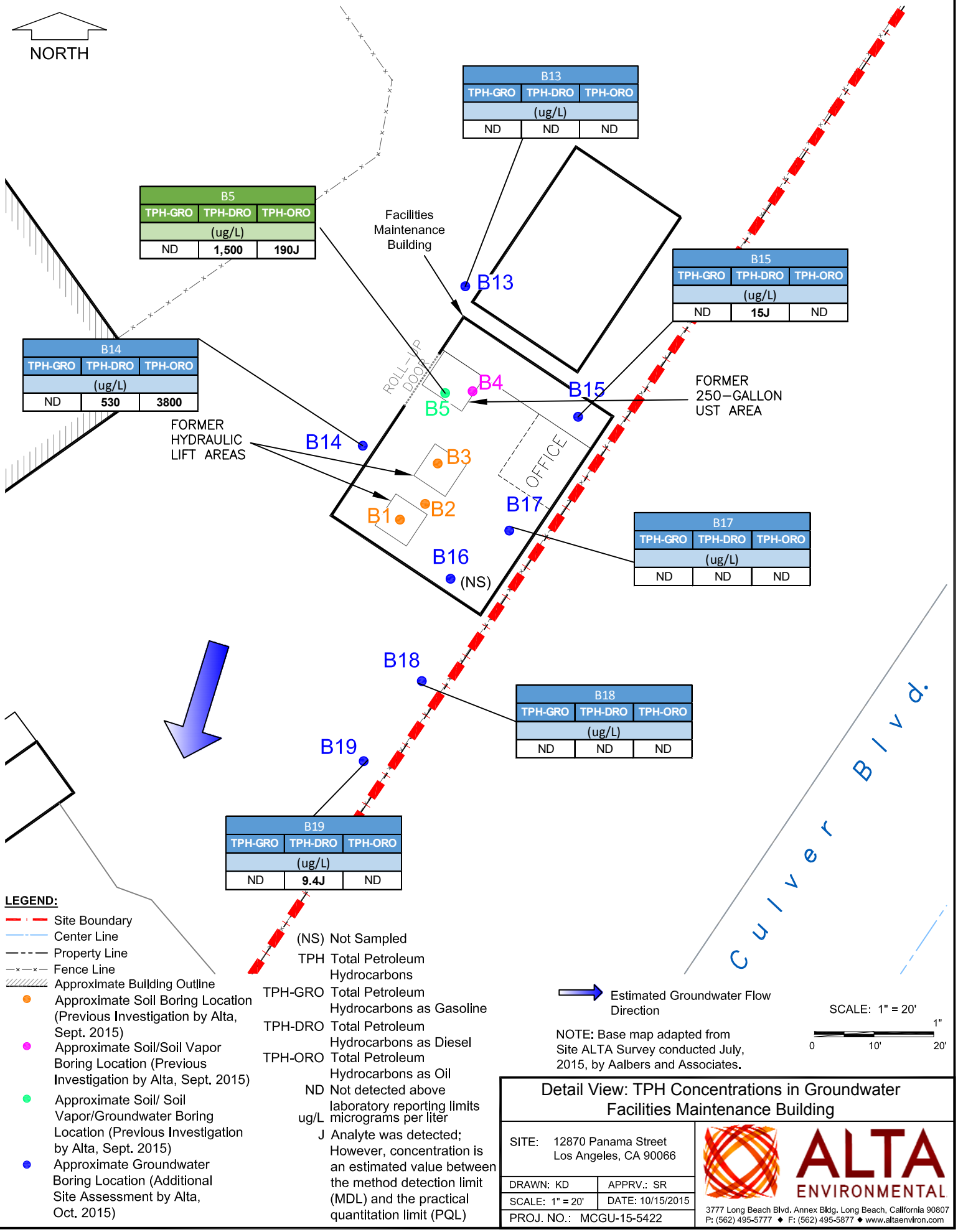
Respectfully submitted by:

Steven R. Ridenour, PG
Senior Geologist III

Mike Cassidy
PG 6281, CHG 580
Vice President – Site Assessment and Remediation
Branch Manager – Irvine Office

Attachments:

Figure – Detail View: TPH Concentrations in Groundwater
Tables 1 and 2
Laboratory Analytical Report of Groundwater Samples



Detail View: TPH Concentrations in Groundwater Facilities Maintenance Building

SITE: 12870 Panama Street
Los Angeles, CA 90066

DRAWN: KD	APPRV.: SR
SCALE: 1" = 20'	DATE: 10/15/2015
PROJ. NO.: MCGU-15-5422	

ALTA ENVIRONMENTAL
3777 Long Beach Blvd. Annex Bldg. Long Beach, California 90807
P: (562) 495-5777 ◆ F: (562) 495-5877 ◆ www.altaenviron.com

TABLE 1
Water Sample Results for VOCs
Panama Street - Additional Site Assessment
12870 Panama Street
Los Angeles, California

VOCs by EPA Method 8260B in Water		Sample ID:	B5	B13	B14	B15	B17	B18	B19
		Date:	8/6/2015	9/24/2015	9/24/2015	9/24/2015	9/24/2015	9/24/2015	9/24/2015
	MDL (µg/L):	RL (µg/L):	VOC Concentration (µg/L)						
Acetone	10	20	ND	ND	ND	ND	ND	ND	ND
Benzene	0.14	0.5	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	0.3	1	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.48	1	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.21	1	ND	ND	ND	ND	ND	ND	ND
Bromoform	0.5	1	ND	ND	ND	ND	ND	ND	ND
Bromomethane	3.9	10	ND	ND	ND	ND	ND	ND	ND
2-Butanone	2.2	10	4.8J	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.23	1	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	0.25	1	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	0.28	1	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	0.41	10	ND	ND	0.44J,B	ND	ND	ND	ND
Carbon Tetrachloride	0.23	0.5	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.17	1	ND	ND	ND	ND	ND	ND	ND
Chloroethane	2.3	5	ND	ND	ND	ND	ND	ND	ND
Chloroform	0.46	1	ND	ND	ND	ND	ND	ND	ND
Chloromethane	1.8	10	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.24	1	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.13	1	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.25	1	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	1.2	5	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.36	1	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	0.46	1	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.46	1	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.4	1	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.43	1	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	0.46	1	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.28	1	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.24	0.5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.43	1	ND	ND	ND	ND	ND	ND	ND
c-1,2-Dichloroethene	0.48	1	ND	ND	ND	ND	ND	ND	ND
t-1,2-Dichloroethene	0.37	1	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.42	1	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.3	1	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.36	1	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.46	1	ND	ND	ND	ND	ND	ND	ND
c-1,3-Dichloropropene	0.25	0.5	ND	ND	ND	ND	ND	ND	ND
t-1,3-Dichloropropene	0.25	0.5	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	0.14	1	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	2.1	10	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.58	1	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	0.16	1	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	0.64	10	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	4.4	10	ND	ND	ND	ND	ND	ND	ND
Naphthalene	2.5	10	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.17	1	ND	ND	ND	ND	ND	ND	ND
Styrene	0.17	1	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.4	1	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.41	1	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.39	1	ND	ND	ND	ND	ND	ND	ND
Toluene	0.24	1	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.51	1	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.5	1	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.3	1	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.78	10	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.38	1	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	0.37	1	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	1.7	10	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.64	5	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.36	1	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.28	1	ND	ND	ND	ND	ND	ND	ND
Vinyl Acetate	2.8	10	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	0.3	0.5	ND	ND	ND	ND	ND	ND	ND
p/m-Xylene	0.3	1	ND	ND	ND	ND	ND	ND	ND
o-Xylene	0.23	1	ND	ND	ND	ND	ND	ND	ND
Methyl-t-Butyl Ether (MTBE)	0.31	1	ND	ND	ND	ND	ND	ND	ND
Tert-Butyl Alcohol (TBA)	4.6	10	ND	ND	ND	ND	ND	ND	ND
Diisopropyl Ether (DIPE)	0.33	2	ND	ND	ND	ND	ND	ND	ND
Ethyl-t-Butyl Ether (ETBE)	0.44	2	ND	ND	ND	ND	ND	ND	ND
Tert-Amyl-Methyl Ether (TAME)	0.22	2	ND	ND	ND	ND	ND	ND	ND
Ethanol	50	100	ND	ND	ND	ND	ND	ND	ND
		Dilution Factor:	1	1	1	1	1	1	1

NOTES:

VOC = Volatile Organic Compound

MDL = Method Detection Limit

RL = Reporting Limit

MCLs = California Department of Public Health Maximum Contaminant Levels, Updated July 2014

ND = Indicated constituents not detected at or above the MDL

J = Analyte detected; however, result is an estimated value between the MDL and RL.

µg/L = micrograms per liter

B = Analyte was present in the associated method blank

- = Not Applicable

NE = No MCL Established

TABLE 2
Water Sample Results for TPH
Panama Street - Additional Site Assessment
12870 Panama Street
Los Angeles, California

TPHcc by EPA Method 8015M in Water				
Sample ID	**Sample Date**	**TPH-GRO (C6-C10) (ug/L)**	**TPH-DRO (C10-C22) (ug/L)**	**TPH-ORO (C23+) (ug/L)**
	MDL (ug/L):	**48**	**7.7-15**	**51-100**
	RL (µg/L)	**50**	**48-96**	**240-480**
B5	8/6/2015	ND	**1,500**	**190J**
B13	9/24/2015	ND	ND	ND
B14	9/24/2015	ND	**530**	**3800**
B15	9/24/2015	ND	**15J**	ND
B17	9/24/2015	ND	ND	ND
B18	9/24/2015	ND	ND	ND
B19	9/24/2015	ND	**9.4J**	ND

NOTES:

ND = Indicates constituents not detected above the PQL

MDL = Method Detection Limit

RL = Reporting Limit

TPH-GRO = total petroleum hydrocarbons as gasoline range organics

TPH-DRO = total petroleum hydrocarbons as diesel range organics

TPH-ORO = total petroleum hydrocarbons as oil range organics

ug/L = micrograms per liter

J = Analyte detected; result is an estimated value between the MDL and RL

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WORK ORDER NUMBER: 15-08-0383

The difference is service

AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Alta Environmental

Client Project Name: 12870 Panama Street / MCGU-15-5422

Attention: Steve Ridenour
3777 Long Beach Blvd., Annex Building
Long Beach, CA 90802-3335

Vikas Patel

Approved for release on 08/20/2015 by:
Vikas Patel
Project Manager

ResultLink

Email your PM

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Client Project Name: 12870 Panama Street / MCGU-15-5422
Work Order Number: 15-08-0383

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Work Order Narrative

Work Order: 15-08-0383 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 08/06/15. They were assigned to Work Order 15-08-0383.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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Detections Summary

Client:	Alta Environmental 3777 Long Beach Blvd., Annex Building Long Beach, CA 90802-3335	Work Order:	15-08-0383
		Project Name:	12870 Panama Street / MCGU-15-5422
		Received:	08/06/15
Attn:	Steve Ridenour		Page 1 of 1

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
B5 (15-08-0383-1)						
TPH as Motor Oil	190	HD,J,ET	53*	ug/L	EPA 8015B (M)	EPA 3510C
TPH as Diesel	1500	HD,ET	50	ug/L	EPA 8015B (M)	EPA 3510C
2-Butanone	4.8	J	2.2*	ug/L	EPA 8260B	EPA 5030C

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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Analytical Report

Alta Environmental
3777 Long Beach Blvd., Annex Building
Long Beach, CA 90802-3335

Date Received: 08/06/15
Work Order: 15-08-0383
Preparation: EPA 3510C
Method: EPA 8015B (M)
Units: ug/L

Project: 12870 Panama Street / MCGU-15-5422

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B5	**15-08-0383-1-F**	**08/06/15 09:30**	**Aqueous**	**GC 48**	**08/18/15**	**08/18/15 21:47**	**150818B08**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Motor Oil	190	250	53	1.00	HD,J,ET

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	70	68-140	

Method Blank	099-15-278-980	N/A	Aqueous	GC 48	08/18/15	08/18/15 20:29	150818B08

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Motor Oil	ND	250	53	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	83	68-140	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Alta Environmental
3777 Long Beach Blvd., Annex Building
Long Beach, CA 90802-3335

Date Received: 08/06/15
Work Order: 15-08-0383
Preparation: EPA 3510C
Method: EPA 8015B (M)
Units: ug/L

Project: 12870 Panama Street / MCGU-15-5422

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B5	**15-08-0383-1-F**	**08/06/15 09:30**	**Aqueous**	**GC 48**	**08/18/15**	**08/18/15 21:47**	**150818B07**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	1500	50	8.0	1.00	HD,ET

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	70	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-304-1134**	**N/A**	**Aqueous**	**GC 48**	**08/18/15**	**08/18/15 20:29**	**150818B07**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	ND	50	8.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	83	68-140	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Alta Environmental
3777 Long Beach Blvd., Annex Building
Long Beach, CA 90802-3335

Date Received: 08/06/15
Work Order: 15-08-0383
Preparation: EPA 5030C
Method: EPA 8015B (M)
Units: ug/L

Project: 12870 Panama Street / MCGU-15-5422

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B5	**15-08-0383-1-D**	**08/06/15 09:30**	**Aqueous**	**GC 1**	**08/18/15**	**08/19/15 01:03**	**150818L052**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Gasoline	ND	50	48	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	56	38-134	

Method Blank	099-12-436-10272	N/A	Aqueous	GC 1	08/18/15	08/18/15 16:43	150818L052

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Gasoline	ND	50	48	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	54	38-134	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Alta Environmental
3777 Long Beach Blvd., Annex Building
Long Beach, CA 90802-3335

Date Received: 08/06/15
Work Order: 15-08-0383
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: 12870 Panama Street / MCGU-15-5422

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B5	**15-08-0383-1-A**	**08/06/15 09:30**	**Aqueous**	**GC/MS JJ**	**08/18/15**	**08/18/15 15:11**	**150818L004**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	20	10	1.00	
Benzene	ND	0.50	0.14	1.00	
Bromobenzene	ND	1.0	0.30	1.00	
Bromochloromethane	ND	1.0	0.48	1.00	
Bromodichloromethane	ND	1.0	0.21	1.00	
Bromoform	ND	1.0	0.50	1.00	
Bromomethane	ND	10	3.9	1.00	
2-Butanone	4.8	10	2.2	1.00	J
n-Butylbenzene	ND	1.0	0.23	1.00	
sec-Butylbenzene	ND	1.0	0.25	1.00	
tert-Butylbenzene	ND	1.0	0.28	1.00	
Carbon Disulfide	ND	10	0.41	1.00	
Carbon Tetrachloride	ND	0.50	0.23	1.00	
Chlorobenzene	ND	1.0	0.17	1.00	
Chloroethane	ND	5.0	2.3	1.00	
Chloroform	ND	1.0	0.46	1.00	
Chloromethane	ND	10	1.8	1.00	
2-Chlorotoluene	ND	1.0	0.24	1.00	
4-Chlorotoluene	ND	1.0	0.13	1.00	
Dibromochloromethane	ND	1.0	0.25	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.2	1.00	
1,2-Dibromoethane	ND	1.0	0.36	1.00	
Dibromomethane	ND	1.0	0.46	1.00	
1,2-Dichlorobenzene	ND	1.0	0.46	1.00	
1,3-Dichlorobenzene	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	1.0	0.43	1.00	
Dichlorodifluoromethane	ND	1.0	0.46	1.00	
1,1-Dichloroethane	ND	1.0	0.28	1.00	
1,2-Dichloroethane	ND	0.50	0.24	1.00	
1,1-Dichloroethene	ND	1.0	0.43	1.00	
c-1,2-Dichloroethene	ND	1.0	0.48	1.00	
t-1,2-Dichloroethene	ND	1.0	0.37	1.00	
1,2-Dichloropropane	ND	1.0	0.42	1.00	
1,3-Dichloropropane	ND	1.0	0.30	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Alta Environmental
3777 Long Beach Blvd., Annex Building
Long Beach, CA 90802-3335

Date Received: 08/06/15
Work Order: 15-08-0383
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: 12870 Panama Street / MCGU-15-5422

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	1.0	0.36	1.00	
1,1-Dichloropropene	ND	1.0	0.46	1.00	
c-1,3-Dichloropropene	ND	0.50	0.25	1.00	
t-1,3-Dichloropropene	ND	0.50	0.25	1.00	
Ethylbenzene	ND	1.0	0.14	1.00	
2-Hexanone	ND	10	2.1	1.00	
Isopropylbenzene	ND	1.0	0.58	1.00	
p-Isopropyltoluene	ND	1.0	0.16	1.00	
Methylene Chloride	ND	10	0.64	1.00	
4-Methyl-2-Pentanone	ND	10	4.4	1.00	
Naphthalene	ND	10	2.5	1.00	
n-Propylbenzene	ND	1.0	0.17	1.00	
Styrene	ND	1.0	0.17	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	0.40	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	0.41	1.00	
Tetrachloroethene	ND	1.0	0.39	1.00	
Toluene	ND	1.0	0.24	1.00	
1,2,3-Trichlorobenzene	ND	1.0	0.51	1.00	
1,2,4-Trichlorobenzene	ND	1.0	0.50	1.00	
1,1,1-Trichloroethane	ND	1.0	0.30	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.78	1.00	
1,1,2-Trichloroethane	ND	1.0	0.38	1.00	
Trichloroethene	ND	1.0	0.37	1.00	
Trichlorofluoromethane	ND	10	1.7	1.00	
1,2,3-Trichloropropane	ND	5.0	0.64	1.00	
1,2,4-Trimethylbenzene	ND	1.0	0.36	1.00	
1,3,5-Trimethylbenzene	ND	1.0	0.28	1.00	
Vinyl Acetate	ND	10	2.8	1.00	
Vinyl Chloride	ND	0.50	0.30	1.00	
p/m-Xylene	ND	1.0	0.30	1.00	
o-Xylene	ND	1.0	0.23	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.31	1.00	
Tert-Butyl Alcohol (TBA)	ND	10	4.6	1.00	
Diisopropyl Ether (DIPE)	ND	2.0	0.33	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.44	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.22	1.00	
Ethanol	ND	100	50	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Alta Environmental	Date Received:	08/06/15
3777 Long Beach Blvd., Annex Building	Work Order:	15-08-0383
Long Beach, CA 90802-3335	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: 12870 Panama Street / MCGU-15-5422		Page 3 of 6

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	104	80-120	
Dibromofluoromethane	110	78-126	
1,2-Dichloroethane-d4	108	75-135	
Toluene-d8	102	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Alta Environmental		Date Received:	08/06/15
3777 Long Beach Blvd., Annex Building		Work Order:	15-08-0383
Long Beach, CA 90802-3335		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: 12870 Panama Street / MCGU-15-5422			Page 4 of 6

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-001-17931**	**N/A**	**Aqueous**	**GC/MS JJ**	**08/18/15**	**08/18/15 11:22**	**150818L004**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	20	10	1.00	
Benzene	ND	0.50	0.14	1.00	
Bromobenzene	ND	1.0	0.30	1.00	
Bromochloromethane	ND	1.0	0.48	1.00	
Bromodichloromethane	ND	1.0	0.21	1.00	
Bromoform	ND	1.0	0.50	1.00	
Bromomethane	ND	10	3.9	1.00	
2-Butanone	ND	10	2.2	1.00	
n-Butylbenzene	ND	1.0	0.23	1.00	
sec-Butylbenzene	ND	1.0	0.25	1.00	
tert-Butylbenzene	ND	1.0	0.28	1.00	
Carbon Disulfide	ND	10	0.41	1.00	
Carbon Tetrachloride	ND	0.50	0.23	1.00	
Chlorobenzene	ND	1.0	0.17	1.00	
Chloroethane	ND	5.0	2.3	1.00	
Chloroform	ND	1.0	0.46	1.00	
Chloromethane	ND	10	1.8	1.00	
2-Chlorotoluene	ND	1.0	0.24	1.00	
4-Chlorotoluene	ND	1.0	0.13	1.00	
Dibromochloromethane	ND	1.0	0.25	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.2	1.00	
1,2-Dibromoethane	ND	1.0	0.36	1.00	
Dibromomethane	ND	1.0	0.46	1.00	
1,2-Dichlorobenzene	ND	1.0	0.46	1.00	
1,3-Dichlorobenzene	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	1.0	0.43	1.00	
Dichlorodifluoromethane	ND	1.0	0.46	1.00	
1,1-Dichloroethane	ND	1.0	0.28	1.00	
1,2-Dichloroethane	ND	0.50	0.24	1.00	
1,1-Dichloroethene	ND	1.0	0.43	1.00	
c-1,2-Dichloroethene	ND	1.0	0.48	1.00	
t-1,2-Dichloroethene	ND	1.0	0.37	1.00	
1,2-Dichloropropane	ND	1.0	0.42	1.00	
1,3-Dichloropropane	ND	1.0	0.30	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Alta Environmental	Date Received:	08/06/15
3777 Long Beach Blvd., Annex Building	Work Order:	15-08-0383
Long Beach, CA 90802-3335	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: 12870 Panama Street / MCGU-15-5422		Page 5 of 6

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	1.0	0.36	1.00	
1,1-Dichloropropene	ND	1.0	0.46	1.00	
c-1,3-Dichloropropene	ND	0.50	0.25	1.00	
t-1,3-Dichloropropene	ND	0.50	0.25	1.00	
Ethylbenzene	ND	1.0	0.14	1.00	
2-Hexanone	ND	10	2.1	1.00	
Isopropylbenzene	ND	1.0	0.58	1.00	
p-Isopropyltoluene	ND	1.0	0.16	1.00	
Methylene Chloride	ND	10	0.64	1.00	
4-Methyl-2-Pentanone	ND	10	4.4	1.00	
Naphthalene	ND	10	2.5	1.00	
n-Propylbenzene	ND	1.0	0.17	1.00	
Styrene	ND	1.0	0.17	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	0.40	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	0.41	1.00	
Tetrachloroethene	ND	1.0	0.39	1.00	
Toluene	ND	1.0	0.24	1.00	
1,2,3-Trichlorobenzene	ND	1.0	0.51	1.00	
1,2,4-Trichlorobenzene	ND	1.0	0.50	1.00	
1,1,1-Trichloroethane	ND	1.0	0.30	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.78	1.00	
1,1,2-Trichloroethane	ND	1.0	0.38	1.00	
Trichloroethene	ND	1.0	0.37	1.00	
Trichlorofluoromethane	ND	10	1.7	1.00	
1,2,3-Trichloropropane	ND	5.0	0.64	1.00	
1,2,4-Trimethylbenzene	ND	1.0	0.36	1.00	
1,3,5-Trimethylbenzene	ND	1.0	0.28	1.00	
Vinyl Acetate	ND	10	2.8	1.00	
Vinyl Chloride	ND	0.50	0.30	1.00	
p/m-Xylene	ND	1.0	0.30	1.00	
o-Xylene	ND	1.0	0.23	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.31	1.00	
Tert-Butyl Alcohol (TBA)	ND	10	4.6	1.00	
Diisopropyl Ether (DIPE)	ND	2.0	0.33	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.44	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.22	1.00	
Ethanol	ND	100	50	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Alta Environmental	Date Received:	08/06/15
3777 Long Beach Blvd., Annex Building	Work Order:	15-08-0383
Long Beach, CA 90802-3335	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: 12870 Panama Street / MCGU-15-5422		Page 6 of 6

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	80-120	
Dibromofluoromethane	95	78-126	
1,2-Dichloroethane-d4	109	75-135	
Toluene-d8	102	80-120	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

Alta Environmental		Date Received:	08/06/15
3777 Long Beach Blvd., Annex Building		Work Order:	15-08-0383
Long Beach, CA 90802-3335		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)
Project: 12870 Panama Street / MCGU-15-5422			Page 1 of 2

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
15-08-1082-3	**Sample**	**Aqueous**	**GC 1**	**08/18/15**	**08/18/15 17:19**	**150818S017**
15-08-1082-3	**Matrix Spike**	**Aqueous**	**GC 1**	**08/18/15**	**08/18/15 17:55**	**150818S017**
15-08-1082-3	**Matrix Spike Duplicate**	**Aqueous**	**GC 1**	**08/18/15**	**08/18/15 18:30**	**150818S017**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	52.58	2000	1763	86	1735	84	68-122	2	0-18	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Alta Environmental
3777 Long Beach Blvd., Annex Building
Long Beach, CA 90802-3335

Date Received: 08/06/15
Work Order: 15-08-0383
Preparation: EPA 5030C
Method: EPA 8260B

Project: 12870 Panama Street / MCGU-15-5422

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
15-08-1049-4	**Sample**	**Aqueous**	**GC/MS JJ**	**08/18/15**	**08/18/15 12:24**	**150818S002**
15-08-1049-4	**Matrix Spike**	**Aqueous**	**GC/MS JJ**	**08/18/15**	**08/18/15 12:51**	**150818S002**
15-08-1049-4	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS JJ**	**08/18/15**	**08/18/15 13:19**	**150818S002**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Benzene	ND	50.00	64.20	128	62.32	125	74-122	3	0-21	3
Carbon Tetrachloride	ND	50.00	68.07	136	66.43	133	60-144	2	0-21	
Chlorobenzene	ND	50.00	55.77	112	53.60	107	73-120	4	0-22	
1,2-Dibromoethane	ND	50.00	55.94	112	54.70	109	80-122	2	0-20	
1,2-Dichlorobenzene	ND	50.00	54.15	108	53.00	106	70-120	2	0-26	
1,2-Dichloroethane	ND	50.00	61.57	123	59.28	119	64-142	4	0-20	
1,1-Dichloroethene	ND	50.00	61.64	123	61.97	124	52-136	1	0-21	
Ethylbenzene	ND	50.00	59.52	119	57.35	115	77-125	4	0-24	
Toluene	ND	50.00	63.82	128	60.75	122	72-126	5	0-23	3
Trichloroethene	ND	50.00	66.50	133	64.24	128	74-128	3	0-22	3
Vinyl Chloride	ND	50.00	60.68	121	59.56	119	67-133	2	0-20	
p/m-Xylene	ND	100.0	113.0	113	108.1	108	63-129	4	0-25	
o-Xylene	ND	50.00	56.67	113	54.05	108	62-128	5	0-24	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	60.87	122	62.16	124	68-134	2	0-21	
Tert-Butyl Alcohol (TBA)	ND	250.0	287.1	115	290.3	116	65-143	1	0-30	
Diisopropyl Ether (DIPE)	ND	50.00	61.31	123	60.04	120	61-139	2	0-20	
Ethyl-t-Butyl Ether (ETBE)	ND	50.00	57.93	116	58.33	117	64-136	1	0-20	
Tert-Amyl-Methyl Ether (TAME)	ND	50.00	57.66	115	56.25	113	67-133	2	0-20	
Ethanol	ND	500.0	541.1	108	463.4	93	34-178	15	0-58	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

Alta Environmental		Date Received:	08/06/15
3777 Long Beach Blvd., Annex Building		Work Order:	15-08-0383
Long Beach, CA 90802-3335		Preparation:	EPA 3510C
		Method:	EPA 8015B (M)
Project: 12870 Panama Street / MCGU-15-5422			Page 1 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-15-278-980	**LCS**	**Aqueous**	**GC 48**	**08/18/15**	**08/18/15 21:15**	**150818B08**
099-15-278-980	**LCSD**	**Aqueous**	**GC 48**	**08/18/15**	**08/18/15 21:31**	**150818B08**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Motor Oil	2000	1553	78	1658	83	75-117	6	0-13	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

Alta Environmental		Date Received:	08/06/15
3777 Long Beach Blvd., Annex Building		Work Order:	15-08-0383
Long Beach, CA 90802-3335		Preparation:	EPA 3510C
		Method:	EPA 8015B (M)
Project: 12870 Panama Street / MCGU-15-5422			Page 2 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-15-304-1134	**LCS**	**Aqueous**	**GC 48**	**08/18/15**	**08/18/15 20:44**	**150818B07**
099-15-304-1134	**LCSD**	**Aqueous**	**GC 48**	**08/18/15**	**08/18/15 21:00**	**150818B07**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Diesel	2000	1990	100	2071	104	75-117	4	0-13	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Alta Environmental		Date Received:	08/06/15
3777 Long Beach Blvd., Annex Building		Work Order:	15-08-0383
Long Beach, CA 90802-3335		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)
Project: 12870 Panama Street / MCGU-15-5422			Page 3 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-436-10272	**LCS**	**Aqueous**	**GC 1**	**08/18/15**	**08/18/15 16:07**	**150818L052**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
TPH as Gasoline	2000	1736	87	78-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Alta Environmental		Date Received:	08/06/15
3777 Long Beach Blvd., Annex Building		Work Order:	15-08-0383
Long Beach, CA 90802-3335		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: 12870 Panama Street / MCGU-15-5422			Page 4 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-14-001-17931	**LCS**	**Aqueous**	**GC/MS JJ**	**08/18/15**	**08/18/15 09:50**	**150818L004**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Benzene	50.00	57.46	115	80-120	73-127	
Carbon Tetrachloride	50.00	58.02	116	67-139	55-151	
Chlorobenzene	50.00	50.56	101	78-120	71-127	
1,2-Dibromoethane	50.00	52.84	106	80-120	73-127	
1,2-Dichlorobenzene	50.00	50.80	102	63-129	52-140	
1,2-Dichloroethane	50.00	56.34	113	70-130	60-140	
1,1-Dichloroethene	50.00	52.94	106	66-126	56-136	
Ethylbenzene	50.00	53.19	106	80-123	73-130	
Toluene	50.00	56.59	113	80-120	73-127	
Trichloroethene	50.00	60.93	122	80-122	73-129	
Vinyl Chloride	50.00	51.31	103	70-130	60-140	
p/m-Xylene	100.0	101.2	101	75-123	67-131	
o-Xylene	50.00	50.80	102	74-122	66-130	
Methyl-t-Butyl Ether (MTBE)	50.00	58.12	116	69-129	59-139	
Tert-Butyl Alcohol (TBA)	250.0	249.3	100	69-129	59-139	
Diisopropyl Ether (DIPE)	50.00	56.94	114	68-128	58-138	
Ethyl-t-Butyl Ether (ETBE)	50.00	55.27	111	63-135	51-147	
Tert-Amyl-Methyl Ether (TAME)	50.00	54.87	110	67-133	56-144	
Ethanol	500.0	498.1	100	42-168	21-189	

Total number of LCS compounds: 19
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 15-08-0383 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
EPA 8015B (M)	EPA 3510C	682	GC 48	1
EPA 8015B (M)	EPA 5030C	902	GC 1	2
EPA 8260B	EPA 5030C	996	GC/MS JJ	2

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Glossary of Terms and Qualifiers

Work Order: 15-08-0383 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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Calscience Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

☒ SoCal Laboratory
7440 Lincoln Way
Garden Grove, CA 92841-1427
(714) 895-5494

☐ NorCal Service Center
5063 Commercial Circle, Suite H
Concord, CA 94520-8577
(925) 689-9022

WO # / LAB USE ONLY
15-08-0383

Date 8/6/15

Page 1 of 1

LABORATORY CLIENT: Alta Environmental

ADDRESS: 3777 Long Beach Blvd Annex Bldg

CITY: Long Beach STATE: CA ZIP: 90807

TEL: 562-495-5777 E-MAIL: steve.ridenour@altaenviron.com

CLIENT PROJECT NAME / NUMBER: MCCM-15-5902

P.O. NO.:

PROJECT CONTACT: Steve Ridenour

SAMPLER(S): (PRINT) RS

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ STANDARD

☐ COELT EDF

GLOBAL ID

LOG CODE

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH (g) or GRO	TPH (d) or DRO or (C6C36) or (C6-C44)	TPH ( )	BTEX / MTBE (8260) or ( )	VOCs (8260)	Oxygenates (8260)	En Core / Terra Core Prep (5035)	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PNAs (8310) or (8270)	T22 Metals (6010B/747X)	Cr(VI) [7196 or 7199 or 218.6]	Archive				
	B5	8/6/15	930	H2O	6																	X				

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
	ECI	8/6/15	1325
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

DISTRIBUTION: White with final report, Green and Yellow to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.

09/01/13 Revision

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WORK ORDER NUMBER: 15-08- 0383

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: Alta Environmental

DATE: 08 / 6 / 2015

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC5 (CF:-0.2°C); Temperature (w/o CF): 3.4 °C (w/ CF): 3.2 °C; ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 681

CUSTODY SEAL:

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 681

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 965

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☑ Volatile Organics ☐ Total Metals ☐ Dissolved Metals	☑	☐	☐
Container(s) for certain analysis free of headspace	☐	☑	☐
☑ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: _____)

Aqueous: ☑ VOA ☐ VOA**h** ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB

☐ 125PB**znna** ☐ 250AGB ☐ 250CGB ☐ 250CGB**s** ☐ 250PB ☐ 250PB**n** ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s**

☐ 500PB ☑ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** ☐ 1PB ☐ 1PB**na** ☐ _____ ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (_____) ☐ EnCores® (_____) ☐ TerraCores® (_____) ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = H_3PO_4, **s** = H_2SO_4, **u** = ultra-pure, **znna** = $Zn(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 965

Reviewed by: 862

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WORK ORDER NUMBER: 15-08- 0393

SAMPLE ANOMALY REPORT

DATE: 08 / 06 / 2015

SAMPLES, CONTAINERS, AND LABELS:

	Comments
☐ Sample(s) NOT RECEIVED but listed on COC	
☐ Sample(s) received but NOT LISTED on COC	
☐ Holding time expired (list client or ECI sample ID and analysis)	
☐ Insufficient sample amount for requested analysis (list analysis)	
☐ Improper container(s) used (list analysis)	
☐ Improper preservative used (list analysis)	
☑ No preservative noted on COC or label (list analysis and notify lab)	no preservative noted on COC or containers
☐ Sample container(s) not labeled	
☐ Client sample label(s) illegible (list container type and analysis)	
☐ Client sample label(s) do not match COC (comment)	
☐ Project information	
☐ Client sample ID	
☐ Sampling date and/or time	
☐ Number of container(s)	
☐ Requested analysis	
☐ Sample container(s) compromised (comment)	
☐ Broken	
☐ Water present in sample container	
☐ Air sample container(s) compromised (comment)	
☐ Flat	
☐ Very low in volume	
☐ Leaking (not transferred; duplicate bag submitted)	
☐ Leaking (transferred into ECI Tedlar™ bags*)	
☐ Leaking (transferred into client's Tedlar™ bags*)	

* Transferred at client's request.

MISCELLANEOUS: (Describe) _____ **Comments** _____

HEADSPACE:

(Containers with bubble > 6 mm or ¼ inch for volatile organic or dissolved gas analysis)

ECI Sample ID	ECI Container ID	Total Number**	ECI Sample ID	ECI Container ID	Total Number**
1	E	5			

(Containers with bubble for other analysis)

ECI Sample ID	ECI Container ID	Total Number**	Requested Analysis

Comments: _____

Reported by: 965

** Record the total number of containers (i.e., vials or bottles) for the affected sample.

Reviewed by: BCZ

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Change Request to analyze samples on 24hr TAT received from Steve Ridenour on August 18, 2015.

Calscience Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

Date 8/16/15

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☒ SoCal Laboratory
7440 Lincoln Way
Garden Grove, CA 92841-1427
(714) 895-5494

☐ NorCal Service Center
5063 Commercial Circle, Suite H
Concord, CA 94520-8577
(925) 689-9022

[redacted]

LABORATORY CLIENT: Alta Environmental

ADDRESS: 3777 Long Beach Blvd Annex Bldg

CITY: Long Beach STATE: CA ZIP: 90807

TEL: 562-495-5777 E-MAIL: steve.ridenour@altaenviron.com

CLIENT PROJECT NAME / NUMBER: R870 Panama St., MCCU-15-5702

P.O. NO.:

PROJECT CONTACT: Steve Ridenour

SAMPLER(S): (PRINT) RS

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

☐ COELT EDF

GLOBAL ID

LOG CODE

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH (g) [8015B] / TPH(D) / TPH(MO)	TPH (d) or DRO or (C8/C36) or (C8-C44)	TPH ( )	BTEX / MTBE (8260) or ( )	VOCs (8260)	Oxygenates (8260)	En Core / Terra Core Prep (5035)	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs (8310) or (8270)	T22 Metals (6010B/747X)	Cr(VI) [7196 or 7199 or 218.6]	Arsenic (5)
B5	8/6/15	931	Ao	6	X	X		X				X	X								X

Relinquished by: (Signature)	Received by: (Signature/Affiliation) ECI	Date: 8/16/15	Time: 132
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

09/01/13 Revision

DISTRIBUTION: White with final report, Green and Yellow to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.

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WORK ORDER NUMBER: 15-09-1939

The difference is service

AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Alta Environmental

Client Project Name: 12870 Panama Street / MCGU-15-5506

Attention: Jonathan Barkman
3777 Long Beach Blvd., Annex Building
Long Beach, CA 90802-3335

Approved for release on 10/06/2015 by:
Vikas Patel
Project Manager

ResultLink

Email your PM

ACCREDITED IN ACCORDANCE WITH nelac

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Contents

Client Project Name: 12870 Panama Street / MCGU-15-5506
Work Order Number: 15-09-1939

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Work Order Narrative

Work Order: 15-09-1939 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 09/24/15. They were assigned to Work Order 15-09-1939.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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Detections Summary

Client:	Alta Environmental	Work Order:	15-09-1939
	3777 Long Beach Blvd., Annex Building	Project Name:	12870 Panama Street / MCGU-15-5506
	Long Beach, CA 90802-3335	Received:	09/24/15
Attn:	Jonathan Barkman		Page 1 of 1

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
B14 (15-09-1939-2)						
TPH as Motor Oil	3800	HD	480	ug/L	EPA 8015B (M)	EPA 3510C
TPH as Diesel	530	HD	96	ug/L	EPA 8015B (M)	EPA 3510C
Carbon Disulfide	0.44	B,J	0.41*	ug/L	EPA 8260B	EPA 5030C
B15 (15-09-1939-3)						
TPH as Diesel	15	HD,J	8.7*	ug/L	EPA 8015B (M)	EPA 3510C
B19 (15-09-1939-6)						
TPH as Diesel	9.4	HD,J	8.0*	ug/L	EPA 8015B (M)	EPA 3510C

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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Analytical Report

Alta Environmental
3777 Long Beach Blvd., Annex Building
Long Beach, CA 90802-3335

Date Received: 09/24/15
Work Order: 15-09-1939
Preparation: EPA 3510C
Method: EPA 8015B (M)
Units: ug/L

Project: 12870 Panama Street / MCGU-15-5506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B13	**15-09-1939-1-I**	**09/24/15 08:40**	**Aqueous**	**GC 47**	**09/25/15**	**09/25/15 20:59**	**150925B13**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Motor Oil	ND	240	51	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	82	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B14	**15-09-1939-2-I**	**09/24/15 10:45**	**Aqueous**	**GC 47**	**09/25/15**	**09/26/15 10:59**	**150925B13**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Motor Oil	3800	480	100	2.00	HD

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	84	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B15	**15-09-1939-3-I**	**09/24/15 10:25**	**Aqueous**	**GC 47**	**09/25/15**	**09/25/15 21:18**	**150925B13**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Motor Oil	ND	270	58	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	84	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B17	**15-09-1939-4-I**	**09/24/15 11:05**	**Aqueous**	**GC 47**	**09/25/15**	**09/25/15 21:35**	**150925B13**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Motor Oil	ND	260	56	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	86	68-140	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Alta Environmental
3777 Long Beach Blvd., Annex Building
Long Beach, CA 90802-3335

Date Received: 09/24/15
Work Order: 15-09-1939
Preparation: EPA 3510C
Method: EPA 8015B (M)
Units: ug/L

Project: 12870 Panama Street / MCGU-15-5506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B18	**15-09-1939-5-I**	**09/24/15 09:50**	**Aqueous**	**GC 47**	**09/25/15**	**09/25/15 21:53**	**150925B13**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Motor Oil	ND	250	53	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	88	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B19	**15-09-1939-6-H**	**09/24/15 12:00**	**Aqueous**	**GC 47**	**09/25/15**	**09/25/15 22:10**	**150925B13**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Motor Oil	ND	250	53	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	86	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-278-1003**	**N/A**	**Aqueous**	**GC 47**	**09/25/15**	**09/25/15 18:40**	**150925B13**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Motor Oil	ND	250	53	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	80	68-140	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Alta Environmental
3777 Long Beach Blvd., Annex Building
Long Beach, CA 90802-3335

Date Received: 09/24/15
Work Order: 15-09-1939
Preparation: EPA 3510C
Method: EPA 8015B (M)
Units: ug/L

Project: 12870 Panama Street / MCGU-15-5506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B13	**15-09-1939-1-I**	**09/24/15 08:40**	**Aqueous**	**GC 47**	**09/25/15**	**09/25/15 20:59**	**150925B12**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	ND	48	7.7	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	82	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B14	**15-09-1939-2-I**	**09/24/15 10:45**	**Aqueous**	**GC 47**	**09/25/15**	**09/26/15 10:59**	**150925B12**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	530	96	15	2.00	HD

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	84	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B15	**15-09-1939-3-I**	**09/24/15 10:25**	**Aqueous**	**GC 47**	**09/25/15**	**09/25/15 21:18**	**150925B12**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	15	54	8.7	1.00	HD,J

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	84	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B17	**15-09-1939-4-I**	**09/24/15 11:05**	**Aqueous**	**GC 47**	**09/25/15**	**09/25/15 21:35**	**150925B12**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	ND	52	8.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	86	68-140	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Alta Environmental
3777 Long Beach Blvd., Annex Building
Long Beach, CA 90802-3335

Date Received: 09/24/15
Work Order: 15-09-1939
Preparation: EPA 3510C
Method: EPA 8015B (M)
Units: ug/L

Project: 12870 Panama Street / MCGU-15-5506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B18	**15-09-1939-5-I**	**09/24/15 09:50**	**Aqueous**	**GC 47**	**09/25/15**	**09/25/15 21:53**	**150925B12**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	ND	50	8.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	88	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B19	**15-09-1939-6-H**	**09/24/15 12:00**	**Aqueous**	**GC 47**	**09/25/15**	**09/25/15 22:10**	**150925B12**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	9.4	50	8.0	1.00	HD,J

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	86	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-304-1175**	**N/A**	**Aqueous**	**GC 47**	**09/25/15**	**09/25/15 18:40**	**150925B12**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	ND	50	8.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	80	68-140	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Alta Environmental
3777 Long Beach Blvd., Annex Building
Long Beach, CA 90802-3335

Date Received: 09/24/15
Work Order: 15-09-1939
Preparation: EPA 5030C
Method: EPA 8015B (M)
Units: ug/L

Project: 12870 Panama Street / MCGU-15-5506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B13	**15-09-1939-1-E**	**09/24/15 08:40**	**Aqueous**	**GC 1**	**09/25/15**	**09/25/15 20:03**	**150925L022**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Gasoline	ND	50	48	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	66	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B14	**15-09-1939-2-E**	**09/24/15 10:45**	**Aqueous**	**GC 1**	**09/25/15**	**09/25/15 20:38**	**150925L022**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Gasoline	ND	50	48	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	65	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B15	**15-09-1939-3-E**	**09/24/15 10:25**	**Aqueous**	**GC 1**	**09/25/15**	**09/25/15 21:14**	**150925L022**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Gasoline	ND	50	48	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	66	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B17	**15-09-1939-4-E**	**09/24/15 11:05**	**Aqueous**	**GC 1**	**09/25/15**	**09/25/15 21:49**	**150925L022**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Gasoline	ND	50	48	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	65	38-134	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Alta Environmental
3777 Long Beach Blvd., Annex Building
Long Beach, CA 90802-3335

Date Received: 09/24/15
Work Order: 15-09-1939
Preparation: EPA 5030C
Method: EPA 8015B (M)
Units: ug/L

Project: 12870 Panama Street / MCGU-15-5506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B18	**15-09-1939-5-E**	**09/24/15 09:50**	**Aqueous**	**GC 1**	**09/25/15**	**09/25/15 23:00**	**150925L022**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Gasoline	ND	50	48	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	67	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B19	**15-09-1939-6-E**	**09/24/15 12:00**	**Aqueous**	**GC 1**	**09/25/15**	**09/25/15 23:36**	**150925L022**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Gasoline	ND	50	48	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	67	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-436-10337**	**N/A**	**Aqueous**	**GC 1**	**09/25/15**	**09/25/15 14:43**	**150925L022**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Gasoline	ND	50	48	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	64	38-134	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Alta Environmental
3777 Long Beach Blvd., Annex Building
Long Beach, CA 90802-3335

Date Received: 09/24/15
Work Order: 15-09-1939
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: 12870 Panama Street / MCGU-15-5506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B13	**15-09-1939-1-A**	**09/24/15 08:40**	**Aqueous**	**GC/MS LL**	**09/25/15**	**09/25/15 16:53**	**150925L007**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	20	10	1.00	
Benzene	ND	0.50	0.14	1.00	
Bromobenzene	ND	1.0	0.30	1.00	
Bromochloromethane	ND	1.0	0.48	1.00	
Bromodichloromethane	ND	1.0	0.21	1.00	
Bromoform	ND	1.0	0.50	1.00	
Bromomethane	ND	10	3.9	1.00	
2-Butanone	ND	10	2.2	1.00	
n-Butylbenzene	ND	1.0	0.23	1.00	
sec-Butylbenzene	ND	1.0	0.25	1.00	
tert-Butylbenzene	ND	1.0	0.28	1.00	
Carbon Disulfide	ND	10	0.41	1.00	
Carbon Tetrachloride	ND	0.50	0.23	1.00	
Chlorobenzene	ND	1.0	0.17	1.00	
Chloroethane	ND	5.0	2.3	1.00	
Chloroform	ND	1.0	0.46	1.00	
Chloromethane	ND	10	1.8	1.00	
2-Chlorotoluene	ND	1.0	0.24	1.00	
4-Chlorotoluene	ND	1.0	0.13	1.00	
Dibromochloromethane	ND	1.0	0.25	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.2	1.00	
1,2-Dibromoethane	ND	1.0	0.36	1.00	
Dibromomethane	ND	1.0	0.46	1.00	
1,2-Dichlorobenzene	ND	1.0	0.46	1.00	
1,3-Dichlorobenzene	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	1.0	0.43	1.00	
Dichlorodifluoromethane	ND	1.0	0.46	1.00	
1,1-Dichloroethane	ND	1.0	0.28	1.00	
1,2-Dichloroethane	ND	0.50	0.24	1.00	
1,1-Dichloroethene	ND	1.0	0.43	1.00	
c-1,2-Dichloroethene	ND	1.0	0.48	1.00	
t-1,2-Dichloroethene	ND	1.0	0.37	1.00	
1,2-Dichloropropane	ND	1.0	0.42	1.00	
1,3-Dichloropropane	ND	1.0	0.30	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Alta Environmental
3777 Long Beach Blvd., Annex Building
Long Beach, CA 90802-3335

Date Received: 09/24/15
Work Order: 15-09-1939
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: 12870 Panama Street / MCGU-15-5506

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	1.0	0.36	1.00	
1,1-Dichloropropene	ND	1.0	0.46	1.00	
c-1,3-Dichloropropene	ND	0.50	0.25	1.00	
t-1,3-Dichloropropene	ND	0.50	0.25	1.00	
Ethylbenzene	ND	1.0	0.14	1.00	
2-Hexanone	ND	10	2.1	1.00	
Isopropylbenzene	ND	1.0	0.58	1.00	
p-Isopropyltoluene	ND	1.0	0.16	1.00	
Methylene Chloride	ND	10	0.64	1.00	
4-Methyl-2-Pentanone	ND	10	4.4	1.00	
Naphthalene	ND	10	2.5	1.00	
n-Propylbenzene	ND	1.0	0.17	1.00	
Styrene	ND	1.0	0.17	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	0.40	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	0.41	1.00	
Tetrachloroethene	ND	1.0	0.39	1.00	
Toluene	ND	1.0	0.24	1.00	
1,2,3-Trichlorobenzene	ND	1.0	0.51	1.00	
1,2,4-Trichlorobenzene	ND	1.0	0.50	1.00	
1,1,1-Trichloroethane	ND	1.0	0.30	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.78	1.00	
1,1,2-Trichloroethane	ND	1.0	0.38	1.00	
Trichloroethene	ND	1.0	0.37	1.00	
Trichlorofluoromethane	ND	10	1.7	1.00	
1,2,3-Trichloropropane	ND	5.0	0.64	1.00	
1,2,4-Trimethylbenzene	ND	1.0	0.36	1.00	
1,3,5-Trimethylbenzene	ND	1.0	0.28	1.00	
Vinyl Acetate	ND	10	2.8	1.00	
Vinyl Chloride	ND	0.50	0.30	1.00	
p/m-Xylene	ND	1.0	0.30	1.00	
o-Xylene	ND	1.0	0.23	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.31	1.00	
Tert-Butyl Alcohol (TBA)	ND	10	4.6	1.00	
Diisopropyl Ether (DIPE)	ND	2.0	0.33	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.44	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.22	1.00	
Ethanol	ND	100	50	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Alta Environmental	Date Received:	09/24/15
3777 Long Beach Blvd., Annex Building	Work Order:	15-09-1939
Long Beach, CA 90802-3335	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: 12870 Panama Street / MCGU-15-5506		Page 3 of 21

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	92	80-120	
Dibromofluoromethane	98	78-126	
1,2-Dichloroethane-d4	91	75-135	
Toluene-d8	98	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Alta Environmental
3777 Long Beach Blvd., Annex Building
Long Beach, CA 90802-3335

Date Received: 09/24/15
Work Order: 15-09-1939
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: 12870 Panama Street / MCGU-15-5506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B14	**15-09-1939-2-A**	**09/24/15 10:45**	**Aqueous**	**GC/MS LL**	**09/25/15**	**09/25/15 17:28**	**150925L007**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	20	10	1.00	
Benzene	ND	0.50	0.14	1.00	
Bromobenzene	ND	1.0	0.30	1.00	
Bromochloromethane	ND	1.0	0.48	1.00	
Bromodichloromethane	ND	1.0	0.21	1.00	
Bromoform	ND	1.0	0.50	1.00	
Bromomethane	ND	10	3.9	1.00	
2-Butanone	ND	10	2.2	1.00	
n-Butylbenzene	ND	1.0	0.23	1.00	
sec-Butylbenzene	ND	1.0	0.25	1.00	
tert-Butylbenzene	ND	1.0	0.28	1.00	
Carbon Disulfide	0.44	10	0.41	1.00	B,J
Carbon Tetrachloride	ND	0.50	0.23	1.00	
Chlorobenzene	ND	1.0	0.17	1.00	
Chloroethane	ND	5.0	2.3	1.00	
Chloroform	ND	1.0	0.46	1.00	
Chloromethane	ND	10	1.8	1.00	
2-Chlorotoluene	ND	1.0	0.24	1.00	
4-Chlorotoluene	ND	1.0	0.13	1.00	
Dibromochloromethane	ND	1.0	0.25	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.2	1.00	
1,2-Dibromoethane	ND	1.0	0.36	1.00	
Dibromomethane	ND	1.0	0.46	1.00	
1,2-Dichlorobenzene	ND	1.0	0.46	1.00	
1,3-Dichlorobenzene	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	1.0	0.43	1.00	
Dichlorodifluoromethane	ND	1.0	0.46	1.00	
1,1-Dichloroethane	ND	1.0	0.28	1.00	
1,2-Dichloroethane	ND	0.50	0.24	1.00	
1,1-Dichloroethene	ND	1.0	0.43	1.00	
c-1,2-Dichloroethene	ND	1.0	0.48	1.00	
t-1,2-Dichloroethene	ND	1.0	0.37	1.00	
1,2-Dichloropropane	ND	1.0	0.42	1.00	
1,3-Dichloropropane	ND	1.0	0.30	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Alta Environmental
3777 Long Beach Blvd., Annex Building
Long Beach, CA 90802-3335

Date Received: 09/24/15
Work Order: 15-09-1939
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: 12870 Panama Street / MCGU-15-5506

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	1.0	0.36	1.00	
1,1-Dichloropropene	ND	1.0	0.46	1.00	
c-1,3-Dichloropropene	ND	0.50	0.25	1.00	
t-1,3-Dichloropropene	ND	0.50	0.25	1.00	
Ethylbenzene	ND	1.0	0.14	1.00	
2-Hexanone	ND	10	2.1	1.00	
Isopropylbenzene	ND	1.0	0.58	1.00	
p-Isopropyltoluene	ND	1.0	0.16	1.00	
Methylene Chloride	ND	10	0.64	1.00	
4-Methyl-2-Pentanone	ND	10	4.4	1.00	
Naphthalene	ND	10	2.5	1.00	
n-Propylbenzene	ND	1.0	0.17	1.00	
Styrene	ND	1.0	0.17	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	0.40	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	0.41	1.00	
Tetrachloroethene	ND	1.0	0.39	1.00	
Toluene	ND	1.0	0.24	1.00	
1,2,3-Trichlorobenzene	ND	1.0	0.51	1.00	
1,2,4-Trichlorobenzene	ND	1.0	0.50	1.00	
1,1,1-Trichloroethane	ND	1.0	0.30	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.78	1.00	
1,1,2-Trichloroethane	ND	1.0	0.38	1.00	
Trichloroethene	ND	1.0	0.37	1.00	
Trichlorofluoromethane	ND	10	1.7	1.00	
1,2,3-Trichloropropane	ND	5.0	0.64	1.00	
1,2,4-Trimethylbenzene	ND	1.0	0.36	1.00	
1,3,5-Trimethylbenzene	ND	1.0	0.28	1.00	
Vinyl Acetate	ND	10	2.8	1.00	
Vinyl Chloride	ND	0.50	0.30	1.00	
p/m-Xylene	ND	1.0	0.30	1.00	
o-Xylene	ND	1.0	0.23	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.31	1.00	
Tert-Butyl Alcohol (TBA)	ND	10	4.6	1.00	
Diisopropyl Ether (DIPE)	ND	2.0	0.33	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.44	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.22	1.00	
Ethanol	ND	100	50	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Alta Environmental	Date Received:	09/24/15
3777 Long Beach Blvd., Annex Building	Work Order:	15-09-1939
Long Beach, CA 90802-3335	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: 12870 Panama Street / MCGU-15-5506		Page 6 of 21

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	90	80-120	
Dibromofluoromethane	132	78-126	2,7
1,2-Dichloroethane-d4	128	75-135	
Toluene-d8	97	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Alta Environmental
3777 Long Beach Blvd., Annex Building
Long Beach, CA 90802-3335

Date Received: 09/24/15
Work Order: 15-09-1939
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: 12870 Panama Street / MCGU-15-5506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B15	**15-09-1939-3-A**	**09/24/15 10:25**	**Aqueous**	**GC/MS LL**	**09/25/15**	**09/25/15 18:04**	**150925L007**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	20	10	1.00	
Benzene	ND	0.50	0.14	1.00	
Bromobenzene	ND	1.0	0.30	1.00	
Bromochloromethane	ND	1.0	0.48	1.00	
Bromodichloromethane	ND	1.0	0.21	1.00	
Bromoform	ND	1.0	0.50	1.00	
Bromomethane	ND	10	3.9	1.00	
2-Butanone	ND	10	2.2	1.00	
n-Butylbenzene	ND	1.0	0.23	1.00	
sec-Butylbenzene	ND	1.0	0.25	1.00	
tert-Butylbenzene	ND	1.0	0.28	1.00	
Carbon Disulfide	ND	10	0.41	1.00	
Carbon Tetrachloride	ND	0.50	0.23	1.00	
Chlorobenzene	ND	1.0	0.17	1.00	
Chloroethane	ND	5.0	2.3	1.00	
Chloroform	ND	1.0	0.46	1.00	
Chloromethane	ND	10	1.8	1.00	
2-Chlorotoluene	ND	1.0	0.24	1.00	
4-Chlorotoluene	ND	1.0	0.13	1.00	
Dibromochloromethane	ND	1.0	0.25	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.2	1.00	
1,2-Dibromoethane	ND	1.0	0.36	1.00	
Dibromomethane	ND	1.0	0.46	1.00	
1,2-Dichlorobenzene	ND	1.0	0.46	1.00	
1,3-Dichlorobenzene	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	1.0	0.43	1.00	
Dichlorodifluoromethane	ND	1.0	0.46	1.00	
1,1-Dichloroethane	ND	1.0	0.28	1.00	
1,2-Dichloroethane	ND	0.50	0.24	1.00	
1,1-Dichloroethene	ND	1.0	0.43	1.00	
c-1,2-Dichloroethene	ND	1.0	0.48	1.00	
t-1,2-Dichloroethene	ND	1.0	0.37	1.00	
1,2-Dichloropropane	ND	1.0	0.42	1.00	
1,3-Dichloropropane	ND	1.0	0.30	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Alta Environmental
3777 Long Beach Blvd., Annex Building
Long Beach, CA 90802-3335

Date Received: 09/24/15
Work Order: 15-09-1939
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: 12870 Panama Street / MCGU-15-5506

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	1.0	0.36	1.00	
1,1-Dichloropropene	ND	1.0	0.46	1.00	
c-1,3-Dichloropropene	ND	0.50	0.25	1.00	
t-1,3-Dichloropropene	ND	0.50	0.25	1.00	
Ethylbenzene	ND	1.0	0.14	1.00	
2-Hexanone	ND	10	2.1	1.00	
Isopropylbenzene	ND	1.0	0.58	1.00	
p-Isopropyltoluene	ND	1.0	0.16	1.00	
Methylene Chloride	ND	10	0.64	1.00	
4-Methyl-2-Pentanone	ND	10	4.4	1.00	
Naphthalene	ND	10	2.5	1.00	
n-Propylbenzene	ND	1.0	0.17	1.00	
Styrene	ND	1.0	0.17	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	0.40	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	0.41	1.00	
Tetrachloroethene	ND	1.0	0.39	1.00	
Toluene	ND	1.0	0.24	1.00	
1,2,3-Trichlorobenzene	ND	1.0	0.51	1.00	
1,2,4-Trichlorobenzene	ND	1.0	0.50	1.00	
1,1,1-Trichloroethane	ND	1.0	0.30	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.78	1.00	
1,1,2-Trichloroethane	ND	1.0	0.38	1.00	
Trichloroethene	ND	1.0	0.37	1.00	
Trichlorofluoromethane	ND	10	1.7	1.00	
1,2,3-Trichloropropane	ND	5.0	0.64	1.00	
1,2,4-Trimethylbenzene	ND	1.0	0.36	1.00	
1,3,5-Trimethylbenzene	ND	1.0	0.28	1.00	
Vinyl Acetate	ND	10	2.8	1.00	
Vinyl Chloride	ND	0.50	0.30	1.00	
p/m-Xylene	ND	1.0	0.30	1.00	
o-Xylene	ND	1.0	0.23	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.31	1.00	
Tert-Butyl Alcohol (TBA)	ND	10	4.6	1.00	
Diisopropyl Ether (DIPE)	ND	2.0	0.33	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.44	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.22	1.00	
Ethanol	ND	100	50	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Alta Environmental	Date Received:	09/24/15
3777 Long Beach Blvd., Annex Building	Work Order:	15-09-1939
Long Beach, CA 90802-3335	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: 12870 Panama Street / MCGU-15-5506		Page 9 of 21

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	90	80-120	
Dibromofluoromethane	102	78-126	
1,2-Dichloroethane-d4	95	75-135	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Alta Environmental
3777 Long Beach Blvd., Annex Building
Long Beach, CA 90802-3335

Date Received: 09/24/15
Work Order: 15-09-1939
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: 12870 Panama Street / MCGU-15-5506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B17	**15-09-1939-4-A**	**09/24/15 11:05**	**Aqueous**	**GC/MS LL**	**09/25/15**	**09/25/15 18:39**	**150925L007**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	20	10	1.00	
Benzene	ND	0.50	0.14	1.00	
Bromobenzene	ND	1.0	0.30	1.00	
Bromochloromethane	ND	1.0	0.48	1.00	
Bromodichloromethane	ND	1.0	0.21	1.00	
Bromoform	ND	1.0	0.50	1.00	
Bromomethane	ND	10	3.9	1.00	
2-Butanone	ND	10	2.2	1.00	
n-Butylbenzene	ND	1.0	0.23	1.00	
sec-Butylbenzene	ND	1.0	0.25	1.00	
tert-Butylbenzene	ND	1.0	0.28	1.00	
Carbon Disulfide	ND	10	0.41	1.00	
Carbon Tetrachloride	ND	0.50	0.23	1.00	
Chlorobenzene	ND	1.0	0.17	1.00	
Chloroethane	ND	5.0	2.3	1.00	
Chloroform	ND	1.0	0.46	1.00	
Chloromethane	ND	10	1.8	1.00	
2-Chlorotoluene	ND	1.0	0.24	1.00	
4-Chlorotoluene	ND	1.0	0.13	1.00	
Dibromochloromethane	ND	1.0	0.25	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.2	1.00	
1,2-Dibromoethane	ND	1.0	0.36	1.00	
Dibromomethane	ND	1.0	0.46	1.00	
1,2-Dichlorobenzene	ND	1.0	0.46	1.00	
1,3-Dichlorobenzene	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	1.0	0.43	1.00	
Dichlorodifluoromethane	ND	1.0	0.46	1.00	
1,1-Dichloroethane	ND	1.0	0.28	1.00	
1,2-Dichloroethane	ND	0.50	0.24	1.00	
1,1-Dichloroethene	ND	1.0	0.43	1.00	
c-1,2-Dichloroethene	ND	1.0	0.48	1.00	
t-1,2-Dichloroethene	ND	1.0	0.37	1.00	
1,2-Dichloropropane	ND	1.0	0.42	1.00	
1,3-Dichloropropane	ND	1.0	0.30	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Alta Environmental
3777 Long Beach Blvd., Annex Building
Long Beach, CA 90802-3335

Date Received: 09/24/15
Work Order: 15-09-1939
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: 12870 Panama Street / MCGU-15-5506

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	1.0	0.36	1.00	
1,1-Dichloropropene	ND	1.0	0.46	1.00	
c-1,3-Dichloropropene	ND	0.50	0.25	1.00	
t-1,3-Dichloropropene	ND	0.50	0.25	1.00	
Ethylbenzene	ND	1.0	0.14	1.00	
2-Hexanone	ND	10	2.1	1.00	
Isopropylbenzene	ND	1.0	0.58	1.00	
p-Isopropyltoluene	ND	1.0	0.16	1.00	
Methylene Chloride	ND	10	0.64	1.00	
4-Methyl-2-Pentanone	ND	10	4.4	1.00	
Naphthalene	ND	10	2.5	1.00	
n-Propylbenzene	ND	1.0	0.17	1.00	
Styrene	ND	1.0	0.17	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	0.40	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	0.41	1.00	
Tetrachloroethene	ND	1.0	0.39	1.00	
Toluene	ND	1.0	0.24	1.00	
1,2,3-Trichlorobenzene	ND	1.0	0.51	1.00	
1,2,4-Trichlorobenzene	ND	1.0	0.50	1.00	
1,1,1-Trichloroethane	ND	1.0	0.30	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.78	1.00	
1,1,2-Trichloroethane	ND	1.0	0.38	1.00	
Trichloroethene	ND	1.0	0.37	1.00	
Trichlorofluoromethane	ND	10	1.7	1.00	
1,2,3-Trichloropropane	ND	5.0	0.64	1.00	
1,2,4-Trimethylbenzene	ND	1.0	0.36	1.00	
1,3,5-Trimethylbenzene	ND	1.0	0.28	1.00	
Vinyl Acetate	ND	10	2.8	1.00	
Vinyl Chloride	ND	0.50	0.30	1.00	
p/m-Xylene	ND	1.0	0.30	1.00	
o-Xylene	ND	1.0	0.23	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.31	1.00	
Tert-Butyl Alcohol (TBA)	ND	10	4.6	1.00	
Diisopropyl Ether (DIPE)	ND	2.0	0.33	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.44	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.22	1.00	
Ethanol	ND	100	50	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Alta Environmental	Date Received:	09/24/15
3777 Long Beach Blvd., Annex Building	Work Order:	15-09-1939
Long Beach, CA 90802-3335	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: 12870 Panama Street / MCGU-15-5506		Page 12 of 21

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	92	80-120	
Dibromofluoromethane	102	78-126	
1,2-Dichloroethane-d4	95	75-135	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Alta Environmental
3777 Long Beach Blvd., Annex Building
Long Beach, CA 90802-3335

Date Received: 09/24/15
Work Order: 15-09-1939
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: 12870 Panama Street / MCGU-15-5506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B18	**15-09-1939-5-A**	**09/24/15 09:50**	**Aqueous**	**GC/MS LL**	**09/25/15**	**09/25/15 19:15**	**150925L007**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	20	10	1.00	
Benzene	ND	0.50	0.14	1.00	
Bromobenzene	ND	1.0	0.30	1.00	
Bromochloromethane	ND	1.0	0.48	1.00	
Bromodichloromethane	ND	1.0	0.21	1.00	
Bromoform	ND	1.0	0.50	1.00	
Bromomethane	ND	10	3.9	1.00	
2-Butanone	ND	10	2.2	1.00	
n-Butylbenzene	ND	1.0	0.23	1.00	
sec-Butylbenzene	ND	1.0	0.25	1.00	
tert-Butylbenzene	ND	1.0	0.28	1.00	
Carbon Disulfide	ND	10	0.41	1.00	
Carbon Tetrachloride	ND	0.50	0.23	1.00	
Chlorobenzene	ND	1.0	0.17	1.00	
Chloroethane	ND	5.0	2.3	1.00	
Chloroform	ND	1.0	0.46	1.00	
Chloromethane	ND	10	1.8	1.00	
2-Chlorotoluene	ND	1.0	0.24	1.00	
4-Chlorotoluene	ND	1.0	0.13	1.00	
Dibromochloromethane	ND	1.0	0.25	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.2	1.00	
1,2-Dibromoethane	ND	1.0	0.36	1.00	
Dibromomethane	ND	1.0	0.46	1.00	
1,2-Dichlorobenzene	ND	1.0	0.46	1.00	
1,3-Dichlorobenzene	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	1.0	0.43	1.00	
Dichlorodifluoromethane	ND	1.0	0.46	1.00	
1,1-Dichloroethane	ND	1.0	0.28	1.00	
1,2-Dichloroethane	ND	0.50	0.24	1.00	
1,1-Dichloroethene	ND	1.0	0.43	1.00	
c-1,2-Dichloroethene	ND	1.0	0.48	1.00	
t-1,2-Dichloroethene	ND	1.0	0.37	1.00	
1,2-Dichloropropane	ND	1.0	0.42	1.00	
1,3-Dichloropropane	ND	1.0	0.30	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Alta Environmental
3777 Long Beach Blvd., Annex Building
Long Beach, CA 90802-3335

Date Received: 09/24/15
Work Order: 15-09-1939
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: 12870 Panama Street / MCGU-15-5506

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	1.0	0.36	1.00	
1,1-Dichloropropene	ND	1.0	0.46	1.00	
c-1,3-Dichloropropene	ND	0.50	0.25	1.00	
t-1,3-Dichloropropene	ND	0.50	0.25	1.00	
Ethylbenzene	ND	1.0	0.14	1.00	
2-Hexanone	ND	10	2.1	1.00	
Isopropylbenzene	ND	1.0	0.58	1.00	
p-Isopropyltoluene	ND	1.0	0.16	1.00	
Methylene Chloride	ND	10	0.64	1.00	
4-Methyl-2-Pentanone	ND	10	4.4	1.00	
Naphthalene	ND	10	2.5	1.00	
n-Propylbenzene	ND	1.0	0.17	1.00	
Styrene	ND	1.0	0.17	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	0.40	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	0.41	1.00	
Tetrachloroethene	ND	1.0	0.39	1.00	
Toluene	ND	1.0	0.24	1.00	
1,2,3-Trichlorobenzene	ND	1.0	0.51	1.00	
1,2,4-Trichlorobenzene	ND	1.0	0.50	1.00	
1,1,1-Trichloroethane	ND	1.0	0.30	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.78	1.00	
1,1,2-Trichloroethane	ND	1.0	0.38	1.00	
Trichloroethene	ND	1.0	0.37	1.00	
Trichlorofluoromethane	ND	10	1.7	1.00	
1,2,3-Trichloropropane	ND	5.0	0.64	1.00	
1,2,4-Trimethylbenzene	ND	1.0	0.36	1.00	
1,3,5-Trimethylbenzene	ND	1.0	0.28	1.00	
Vinyl Acetate	ND	10	2.8	1.00	
Vinyl Chloride	ND	0.50	0.30	1.00	
p/m-Xylene	ND	1.0	0.30	1.00	
o-Xylene	ND	1.0	0.23	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.31	1.00	
Tert-Butyl Alcohol (TBA)	ND	10	4.6	1.00	
Diisopropyl Ether (DIPE)	ND	2.0	0.33	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.44	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.22	1.00	
Ethanol	ND	100	50	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Alta Environmental	Date Received:	09/24/15
3777 Long Beach Blvd., Annex Building	Work Order:	15-09-1939
Long Beach, CA 90802-3335	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: 12870 Panama Street / MCGU-15-5506		Page 15 of 21

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	80-120	
Dibromofluoromethane	99	78-126	
1,2-Dichloroethane-d4	96	75-135	
Toluene-d8	100	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Alta Environmental
3777 Long Beach Blvd., Annex Building
Long Beach, CA 90802-3335

Date Received: 09/24/15
Work Order: 15-09-1939
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: 12870 Panama Street / MCGU-15-5506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B19	**15-09-1939-6-A**	**09/24/15 12:00**	**Aqueous**	**GC/MS LL**	**09/25/15**	**09/25/15 19:50**	**150925L007**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	20	10	1.00	
Benzene	ND	0.50	0.14	1.00	
Bromobenzene	ND	1.0	0.30	1.00	
Bromochloromethane	ND	1.0	0.48	1.00	
Bromodichloromethane	ND	1.0	0.21	1.00	
Bromoform	ND	1.0	0.50	1.00	
Bromomethane	ND	10	3.9	1.00	
2-Butanone	ND	10	2.2	1.00	
n-Butylbenzene	ND	1.0	0.23	1.00	
sec-Butylbenzene	ND	1.0	0.25	1.00	
tert-Butylbenzene	ND	1.0	0.28	1.00	
Carbon Disulfide	ND	10	0.41	1.00	
Carbon Tetrachloride	ND	0.50	0.23	1.00	
Chlorobenzene	ND	1.0	0.17	1.00	
Chloroethane	ND	5.0	2.3	1.00	
Chloroform	ND	1.0	0.46	1.00	
Chloromethane	ND	10	1.8	1.00	
2-Chlorotoluene	ND	1.0	0.24	1.00	
4-Chlorotoluene	ND	1.0	0.13	1.00	
Dibromochloromethane	ND	1.0	0.25	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.2	1.00	
1,2-Dibromoethane	ND	1.0	0.36	1.00	
Dibromomethane	ND	1.0	0.46	1.00	
1,2-Dichlorobenzene	ND	1.0	0.46	1.00	
1,3-Dichlorobenzene	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	1.0	0.43	1.00	
Dichlorodifluoromethane	ND	1.0	0.46	1.00	
1,1-Dichloroethane	ND	1.0	0.28	1.00	
1,2-Dichloroethane	ND	0.50	0.24	1.00	
1,1-Dichloroethene	ND	1.0	0.43	1.00	
c-1,2-Dichloroethene	ND	1.0	0.48	1.00	
t-1,2-Dichloroethene	ND	1.0	0.37	1.00	
1,2-Dichloropropane	ND	1.0	0.42	1.00	
1,3-Dichloropropane	ND	1.0	0.30	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Alta Environmental
3777 Long Beach Blvd., Annex Building
Long Beach, CA 90802-3335

Date Received: 09/24/15
Work Order: 15-09-1939
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: 12870 Panama Street / MCGU-15-5506

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	1.0	0.36	1.00	
1,1-Dichloropropene	ND	1.0	0.46	1.00	
c-1,3-Dichloropropene	ND	0.50	0.25	1.00	
t-1,3-Dichloropropene	ND	0.50	0.25	1.00	
Ethylbenzene	ND	1.0	0.14	1.00	
2-Hexanone	ND	10	2.1	1.00	
Isopropylbenzene	ND	1.0	0.58	1.00	
p-Isopropyltoluene	ND	1.0	0.16	1.00	
Methylene Chloride	ND	10	0.64	1.00	
4-Methyl-2-Pentanone	ND	10	4.4	1.00	
Naphthalene	ND	10	2.5	1.00	
n-Propylbenzene	ND	1.0	0.17	1.00	
Styrene	ND	1.0	0.17	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	0.40	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	0.41	1.00	
Tetrachloroethene	ND	1.0	0.39	1.00	
Toluene	ND	1.0	0.24	1.00	
1,2,3-Trichlorobenzene	ND	1.0	0.51	1.00	
1,2,4-Trichlorobenzene	ND	1.0	0.50	1.00	
1,1,1-Trichloroethane	ND	1.0	0.30	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.78	1.00	
1,1,2-Trichloroethane	ND	1.0	0.38	1.00	
Trichloroethene	ND	1.0	0.37	1.00	
Trichlorofluoromethane	ND	10	1.7	1.00	
1,2,3-Trichloropropane	ND	5.0	0.64	1.00	
1,2,4-Trimethylbenzene	ND	1.0	0.36	1.00	
1,3,5-Trimethylbenzene	ND	1.0	0.28	1.00	
Vinyl Acetate	ND	10	2.8	1.00	
Vinyl Chloride	ND	0.50	0.30	1.00	
p/m-Xylene	ND	1.0	0.30	1.00	
o-Xylene	ND	1.0	0.23	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.31	1.00	
Tert-Butyl Alcohol (TBA)	ND	10	4.6	1.00	
Diisopropyl Ether (DIPE)	ND	2.0	0.33	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.44	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.22	1.00	
Ethanol	ND	100	50	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Alta Environmental	Date Received:	09/24/15
3777 Long Beach Blvd., Annex Building	Work Order:	15-09-1939
Long Beach, CA 90802-3335	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: 12870 Panama Street / MCGU-15-5506		Page 18 of 21

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	92	80-120	
Dibromofluoromethane	99	78-126	
1,2-Dichloroethane-d4	96	75-135	
Toluene-d8	97	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Alta Environmental
3777 Long Beach Blvd., Annex Building
Long Beach, CA 90802-3335

Date Received: 09/24/15
Work Order: 15-09-1939
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: 12870 Panama Street / MCGU-15-5506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-001-18274**	**N/A**	**Aqueous**	**GC/MS LL**	**09/25/15**	**09/25/15 13:55**	**150925L007**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	20	10	1.00	
Benzene	ND	0.50	0.14	1.00	
Bromobenzene	ND	1.0	0.30	1.00	
Bromochloromethane	ND	1.0	0.48	1.00	
Bromodichloromethane	ND	1.0	0.21	1.00	
Bromoform	ND	1.0	0.50	1.00	
Bromomethane	ND	10	3.9	1.00	
2-Butanone	ND	10	2.2	1.00	
n-Butylbenzene	ND	1.0	0.23	1.00	
sec-Butylbenzene	ND	1.0	0.25	1.00	
tert-Butylbenzene	ND	1.0	0.28	1.00	
Carbon Disulfide	0.46	10	0.41	1.00	J
Carbon Tetrachloride	ND	0.50	0.23	1.00	
Chlorobenzene	ND	1.0	0.17	1.00	
Chloroethane	ND	5.0	2.3	1.00	
Chloroform	ND	1.0	0.46	1.00	
Chloromethane	ND	10	1.8	1.00	
2-Chlorotoluene	ND	1.0	0.24	1.00	
4-Chlorotoluene	ND	1.0	0.13	1.00	
Dibromochloromethane	ND	1.0	0.25	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.2	1.00	
1,2-Dibromoethane	ND	1.0	0.36	1.00	
Dibromomethane	ND	1.0	0.46	1.00	
1,2-Dichlorobenzene	ND	1.0	0.46	1.00	
1,3-Dichlorobenzene	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	1.0	0.43	1.00	
Dichlorodifluoromethane	ND	1.0	0.46	1.00	
1,1-Dichloroethane	ND	1.0	0.28	1.00	
1,2-Dichloroethane	ND	0.50	0.24	1.00	
1,1-Dichloroethene	ND	1.0	0.43	1.00	
c-1,2-Dichloroethene	ND	1.0	0.48	1.00	
t-1,2-Dichloroethene	ND	1.0	0.37	1.00	
1,2-Dichloropropane	ND	1.0	0.42	1.00	
1,3-Dichloropropane	ND	1.0	0.30	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Alta Environmental
3777 Long Beach Blvd., Annex Building
Long Beach, CA 90802-3335

Date Received: 09/24/15
Work Order: 15-09-1939
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: 12870 Panama Street / MCGU-15-5506

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	1.0	0.36	1.00	
1,1-Dichloropropene	ND	1.0	0.46	1.00	
c-1,3-Dichloropropene	ND	0.50	0.25	1.00	
t-1,3-Dichloropropene	ND	0.50	0.25	1.00	
Ethylbenzene	ND	1.0	0.14	1.00	
2-Hexanone	ND	10	2.1	1.00	
Isopropylbenzene	ND	1.0	0.58	1.00	
p-Isopropyltoluene	ND	1.0	0.16	1.00	
Methylene Chloride	ND	10	0.64	1.00	
4-Methyl-2-Pentanone	ND	10	4.4	1.00	
Naphthalene	ND	10	2.5	1.00	
n-Propylbenzene	ND	1.0	0.17	1.00	
Styrene	ND	1.0	0.17	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	0.40	1.00	
1,1,2,2-Tetrachloroethane	ND	1.0	0.41	1.00	
Tetrachloroethene	ND	1.0	0.39	1.00	
Toluene	ND	1.0	0.24	1.00	
1,2,3-Trichlorobenzene	ND	1.0	0.51	1.00	
1,2,4-Trichlorobenzene	ND	1.0	0.50	1.00	
1,1,1-Trichloroethane	ND	1.0	0.30	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.78	1.00	
1,1,2-Trichloroethane	ND	1.0	0.38	1.00	
Trichloroethene	ND	1.0	0.37	1.00	
Trichlorofluoromethane	ND	10	1.7	1.00	
1,2,3-Trichloropropane	ND	5.0	0.64	1.00	
1,2,4-Trimethylbenzene	ND	1.0	0.36	1.00	
1,3,5-Trimethylbenzene	ND	1.0	0.28	1.00	
Vinyl Acetate	ND	10	2.8	1.00	
Vinyl Chloride	ND	0.50	0.30	1.00	
p/m-Xylene	ND	1.0	0.30	1.00	
o-Xylene	ND	1.0	0.23	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.31	1.00	
Tert-Butyl Alcohol (TBA)	ND	10	4.6	1.00	
Diisopropyl Ether (DIPE)	ND	2.0	0.33	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.44	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.22	1.00	
Ethanol	ND	100	50	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Alta Environmental	Date Received:	09/24/15
3777 Long Beach Blvd., Annex Building	Work Order:	15-09-1939
Long Beach, CA 90802-3335	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: 12870 Panama Street / MCGU-15-5506		Page 21 of 21

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	80-120	
Dibromofluoromethane	97	78-126	
1,2-Dichloroethane-d4	90	75-135	
Toluene-d8	97	80-120	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

Alta Environmental		Date Received:	09/24/15
3777 Long Beach Blvd., Annex Building		Work Order:	15-09-1939
Long Beach, CA 90802-3335		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)
Project: 12870 Panama Street / MCGU-15-5506			Page 1 of 2

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
15-09-1955-5	**Sample**	**Aqueous**	**GC 1**	**09/25/15**	**09/25/15 15:19**	**150925S014**
15-09-1955-5	**Matrix Spike**	**Aqueous**	**GC 1**	**09/25/15**	**09/25/15 15:54**	**150925S014**
15-09-1955-5	**Matrix Spike Duplicate**	**Aqueous**	**GC 1**	**09/25/15**	**09/25/15 16:30**	**150925S014**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	ND	2000	1630	81	1660	83	68-122	2	0-18	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Alta Environmental		Date Received:	09/24/15
3777 Long Beach Blvd., Annex Building		Work Order:	15-09-1939
Long Beach, CA 90802-3335		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: 12870 Panama Street / MCGU-15-5506			Page 2 of 2

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
15-09-1941-1	**Sample**	**Aqueous**	**GC/MS LL**	**09/25/15**	**09/25/15 14:31**	**150925S008**
15-09-1941-1	**Matrix Spike**	**Aqueous**	**GC/MS LL**	**09/25/15**	**09/25/15 11:34**	**150925S008**
15-09-1941-1	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS LL**	**09/25/15**	**09/25/15 12:09**	**150925S008**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Benzene	ND	50.00	51.84	104	49.26	99	74-122	5	0-21	
Carbon Tetrachloride	ND	50.00	46.94	94	45.53	91	60-144	3	0-21	
Chlorobenzene	ND	50.00	53.79	108	52.80	106	73-120	2	0-22	
1,2-Dibromoethane	ND	50.00	50.36	101	50.72	101	80-122	1	0-20	
1,2-Dichlorobenzene	ND	50.00	54.64	109	55.35	111	70-120	1	0-26	
1,2-Dichloroethane	ND	50.00	45.77	92	44.33	89	64-142	3	0-20	
1,1-Dichloroethene	ND	50.00	48.68	97	47.09	94	52-136	3	0-21	
Ethylbenzene	ND	50.00	56.78	114	56.06	112	77-125	1	0-24	
Toluene	ND	50.00	56.27	113	53.67	107	72-126	5	0-23	
Trichloroethene	ND	50.00	51.30	103	50.26	101	74-128	2	0-22	
Vinyl Chloride	ND	50.00	57.70	115	56.20	112	67-133	3	0-20	
p/m-Xylene	ND	100.0	110.6	111	108.7	109	63-129	2	0-25	
o-Xylene	ND	50.00	55.74	111	54.89	110	62-128	2	0-24	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	50.26	101	50.43	101	68-134	0	0-21	
Tert-Butyl Alcohol (TBA)	ND	250.0	260.5	104	237.6	95	65-143	9	0-30	
Diisopropyl Ether (DIPE)	ND	50.00	55.06	110	54.79	110	61-139	0	0-20	
Ethyl-t-Butyl Ether (ETBE)	ND	50.00	52.75	105	50.98	102	64-136	3	0-20	
Tert-Amyl-Methyl Ether (TAME)	ND	50.00	52.87	106	51.26	103	67-133	3	0-20	
Ethanol	ND	500.0	529.9	106	525.2	105	34-178	1	0-58	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

Alta Environmental
3777 Long Beach Blvd., Annex Building
Long Beach, CA 90802-3335

Project: 12870 Panama Street / MCGU-15-5506

Date Received: 09/24/15
Work Order: 15-09-1939
Preparation: EPA 3510C
Method: EPA 8015B (M)
Page 1 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-15-278-1003	**LCS**	**Aqueous**	**GC 47**	**09/25/15**	**09/25/15 19:33**	**150925B13**
099-15-278-1003	**LCSD**	**Aqueous**	**GC 47**	**09/25/15**	**09/25/15 19:50**	**150925B13**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Motor Oil	2000	1893	95	1939	97	75-117	2	0-13	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

Alta Environmental		Date Received:	09/24/15
3777 Long Beach Blvd., Annex Building		Work Order:	15-09-1939
Long Beach, CA 90802-3335		Preparation:	EPA 3510C
		Method:	EPA 8015B (M)
Project: 12870 Panama Street / MCGU-15-5506			Page 2 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-15-304-1175	**LCS**	**Aqueous**	**GC 47**	**09/25/15**	**09/25/15 18:57**	**150925B12**
099-15-304-1175	**LCSD**	**Aqueous**	**GC 47**	**09/25/15**	**09/25/15 19:15**	**150925B12**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Diesel	2000	1801	90	1814	91	75-117	1	0-13	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Alta Environmental		Date Received:	09/24/15
3777 Long Beach Blvd., Annex Building		Work Order:	15-09-1939
Long Beach, CA 90802-3335		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)
Project: 12870 Panama Street / MCGU-15-5506			Page 3 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-436-10337	**LCS**	**Aqueous**	**GC 1**	**09/25/15**	**09/25/15 14:08**	**150925L022**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
TPH as Gasoline	2000	1861	93	78-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Alta Environmental		Date Received:	09/24/15
3777 Long Beach Blvd., Annex Building		Work Order:	15-09-1939
Long Beach, CA 90802-3335		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: 12870 Panama Street / MCGU-15-5506			Page 4 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-14-001-18274	**LCS**	**Aqueous**	**GC/MS LL**	**09/25/15**	**09/25/15 10:56**	**150925L007**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Benzene	50.00	45.45	91	80-120	73-127	
Carbon Tetrachloride	50.00	39.83	80	67-139	55-151	
Chlorobenzene	50.00	49.55	99	78-120	71-127	
1,2-Dibromoethane	50.00	48.62	97	80-120	73-127	
1,2-Dichlorobenzene	50.00	50.09	100	63-129	52-140	
1,2-Dichloroethane	50.00	42.85	86	70-130	60-140	
1,1-Dichloroethene	50.00	41.04	82	66-126	56-136	
Ethylbenzene	50.00	50.33	101	80-123	73-130	
Toluene	50.00	49.07	98	80-120	73-127	
Trichloroethene	50.00	45.56	91	80-122	73-129	
Vinyl Chloride	50.00	47.66	95	70-130	60-140	
p/m-Xylene	100.0	98.71	99	75-123	67-131	
o-Xylene	50.00	50.17	100	74-122	66-130	
Methyl-t-Butyl Ether (MTBE)	50.00	47.52	95	69-129	59-139	
Tert-Butyl Alcohol (TBA)	250.0	226.4	91	69-129	59-139	
Diisopropyl Ether (DIPE)	50.00	50.84	102	68-128	58-138	
Ethyl-t-Butyl Ether (ETBE)	50.00	48.84	98	63-135	51-147	
Tert-Amyl-Methyl Ether (TAME)	50.00	49.26	99	67-133	56-144	
Ethanol	500.0	489.6	98	42-168	21-189	

Total number of LCS compounds: 19
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 15-09-1939 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
EPA 8015B (M)	EPA 3510C	682	GC 47	1
EPA 8015B (M)	EPA 5030C	902	GC 1	2
EPA 8260B	EPA 5030C	486	GC/MS LL	2

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Glossary of Terms and Qualifiers

Work Order: 15-09-1939 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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WORK ORDER NUMBER: 15-09-1939

CHAIN-OF-CUSTODY RECORD

DATE: 9/24/15
PAGE: 1 OF 1

LABORATORY CLIENT: Alta Environmental
ADDRESS: 3777 Long Beach Blvd Annex Bldg
CITY: Long Beach STATE: CA ZIP: 90807
TEL: 562/495/5777 E-MAIL: JONATHAN.BARKMAN@ALTAENVIRON.COM KRISTIN.DRAKE@ALTAENVIRON.COM

CLIENT PROJECT NAME / NO.: 12870 Panama St - Step outs
PROJECT CONTACT: J. Barkman / K. Drake
GLOBAL ID:
LOG CODE:
P.O. NO.: NCGU-15-5506
LAB CONTACT OR QUOTE NO.:
SAMPLER(S): (PRINT) K. Drake

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
* Some VOAs missing HCL preservation sticker, However ALL VOAs preserved w/ HCL *

9/29/15 - Please Rev. Sample ID's:

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved AMBER	Preserved HCL (VOAs)	Field Filtered	TPH(g) ☐ GRO	TPH(d) ☐ DRO + OIL-TPH(o)	TPH ☐ C8-C36 ☐ C8-C44	TPH _____	BTEX / MTBE ☐ 8260 ☐ _____	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 218.6				
1	~~B6~~ (KD) B13	9/24/15	0840	WATER	9	1	8		X	X				X												
2	~~B7~~ (KD) B14		1045																							
3	~~B8~~ (KD) B15		1025																							
	~~B9~~ (KD)		—	—	—											(KD)								NO SAMPLE		
4	~~B10~~ (KD) B17		1105																							
5	~~B11~~ (KD) B18		0950																							
6	~~B12~~ (KD) B19	↓	1200	↓	↓	↓	↓																			

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
	- BCJ	9/24/15	1510
		9/24/15	1515

2015-05-13 Revision

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CHAIN-OF-CUSTODY RECORD

DATE: 9/24/15
PAGE: 1 OF 1

WO NO. / LAB USE ONLY: **15-09-1939**

LABORATORY CLIENT: Alta Environmental
ADDRESS: 3777 Long Beach Blvd Annex Bldg
CITY: Long Beach STATE: CA ZIP: 90807
TEL: 562/495/5777
E-MAIL: JONATHAN.BARKMAN@ALTAENVIRON.COM; KRISTYN.DRAKE@ALTAENVIRON.COM

CLIENT PROJECT NAME / NO.: 12870 Panama St - Stepouts
P.O. NO.: MCGV-15-5506
PROJECT CONTACT: J. Barkman / K. Drake
LAB CONTACT OR QUOTE NO.:
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT) K. Drake

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
* Some VOAs missing HCL preservation sticker, however ALL VOAs preserved w/ HCL *

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved AMBER	Preserved HCL (VOAS)	Field Filtered	TPH(g) ☐ GRO ☒	TPH(d) ☐ DRO ☒ + ORO-TPH(o)	TPH ☐ C6-C36 ☐ C6-C44	TPH _____	BTEX / MTBE ☐ 8260 ☐ _____	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6				
1	B6	9/24/15	0840	WATER	9	1	8		X	X				X											
2	B7		1045																						
3	B8		1025																						
	~~B9~~ (KD)		—	—	—	—	—	—	—	—	—	—	—	—	—	(KD)	—	—	—	—	—	—	NO SAMPLE		
4	B10		1105																						
5	B11		0950																						
6	B12	↓	1200	↓	↓	↓	↓		↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓				

Relinquished by: (Signature)	Received by: (Signature/Affiliation) ECJ	Date: 9/24/15	Time: 1510
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 9/24/15	Time: 1517
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2015-05-13 Revision

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WORK ORDER NUMBER: 15-09-1989

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: ALTA ENVIRONMENTAL

DATE: 09 / 24 / 2015

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC5 (CF:-0.2°C); Temperature (w/o CF): 2.3 °C (w/ CF): 2.1 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: SD

CUSTODY SEAL:

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: SD

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1017

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☐	☑	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Container(s) for certain analysis free of headspace	☑	☐	☐
☑ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: _____)

Aqueous: ☐ VOA ☑ VOA**h** ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB

☐ 125PB**znna** ☐ 250AGB ☐ 250CGB ☐ 250CGB**s** ☐ 250PB ☐ 250PB**n** ☐ 500AGB ☑ 500AGJ ☐ 500AGJ**s**

☐ 500PB ☐ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** ☐ 1PB ☐ 1PB**na** ☐ _____ ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (_____) ☐ EnCores® (_____) ☐ TerraCores® (_____) ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = H_3PO_4, **s** = H_2SO_4, **u** = ultra-pure, **znna** = $Zn(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 1017

Reviewed by: 681.

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WORK ORDER NUMBER: 15-09- 1939

SAMPLE ANOMALY REPORT

DATE: 09 / 24 / 2015

SAMPLES, CONTAINERS, AND LABELS:

Comments

- ☐ Sample(s) NOT RECEIVED but listed on COC
- ☐ Sample(s) received but NOT LISTED on COC
- ☐ Holding time expired (list client or ECI sample ID and analysis)
- ☐ Insufficient sample amount for requested analysis (list analysis)
- ☐ Improper container(s) used (list analysis)
- ☐ Improper preservative used (list analysis)
- ☐ No preservative noted on COC or label (list analysis and notify lab)
- ☐ Sample container(s) not labeled
- ☐ Client sample label(s) illegible (list container type and analysis)
- ☑ Client sample label(s) do not match COC (comment)
  - (-6) Received 8 containers instead of 9. 1x500 AGJ 7x Voph.
  - ☐ Project information
  - ☐ Client sample ID
  - ☐ Sampling date and/or time
  - ☑ Number of container(s)
  - ☐ Requested analysis
- ☐ Sample container(s) compromised (comment)
  - ☐ Broken
  - ☐ Water present in sample container
- ☐ Air sample container(s) compromised (comment)
  - ☐ Flat
  - ☐ Very low in volume
  - ☐ Leaking (not transferred; duplicate bag submitted)
  - ☐ Leaking (transferred into ECI Tedlar™ bags*)
  - ☐ Leaking (transferred into client's Tedlar™ bags*)

* Transferred at client's request.

MISCELLANEOUS: (Describe)

Comments

HEADSPACE:

(Containers with bubble > 6 mm or ¼ inch for volatile organic or dissolved gas analysis)

ECI Sample ID	ECI Container ID	Total Number**	ECI Sample ID	ECI Container ID	Total Number**

(Containers with bubble for other analysis)

ECI Sample ID	ECI Container ID	Total Number**	Requested Analysis

Comments: _____

Reported by: 1017

Reviewed by: 681

** Record the total number of containers (i.e., vials or bottles) for the affected sample.

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Subcontractor Analysis Report

Work Order: 15-09-1939 Page 1 of 1

One or more samples in this work order have tests that were subcontracted. The subcontract report(s) follows.

For subcontracted tests, please reference the laboratory information noted below.

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