Appendix H2 Screening Subsurface Investigation

Appendices

This page intentionally left blank.

California

geologists & engineers

Environmental

November 7, 2019
CE Job No. EV0719-3555

SRG RESIDENTIAL
35021 Jamboree Road, Suite 3000
Newport Beach, California 92660
Attention: Mr. Christian Santos, Development Director

Subject: Screening Subsurface Investigation - Phase II, Proposed Laguna Niguel Town Center Project, APN 656-242-18, 30143 & 30341 Crown Valley Parkway, 30141 Alicia Parkway and 23560 & 30102 Pacific Island Drive, Laguna Niguel, California 92677

Reference: California Environmental, *Environmental Site Assessment – Phase I & Hazardous Materials Survey, Proposed Laguna Niguel Town Center Project, APN 656-242-18, 30143 & 30341 Crown Valley Parkway, 30141 Alicia Parkway and 23560 & 30102 Pacific Island Drive, Laguna Niguel, California 92677*, August 2019 (Updated October 2019).

Introduction

California Environmental (CE) is pleased to present the results of the screening subsurface assessment conducted for the subject property. This assessment was implemented following recommendations made by CE in the Phase I Environmental Site Assessment referenced above. The purpose of the subsurface assessment was to determine if the subject property was impacted by the extended use (30+ years) of the 30102 Pacific Island Drive for vehicle maintenance, the utilization of clarifiers at 30102 Pacific Island Drive and 30141 Alicia Parkway, and the UST releases at both locations. CE's subsurface evaluation included soil and soil gas sampling.

Soil Gas Assessment

Soil-gas sampling was implemented on-site on October 16 and 17, 2019. Southwest Geophysics cleared utility conflicts for all the soil gas sampling locations using total field magnetics and GPR methods. An Underground Service Alert notification was also made. H&P Mobile Geochemistry conducted soil-gas probe placement and sampling under the direction of California Environmental. A direct-push Strataprobe rig was utilized for the placement of the soil vapor probes. Twenty-one (21) soil gas probes

were placed at depths between 5 and 20 feet below ground surface in fifteen (15) locations. The soil gas probe locations are shown on the attached **FIGURES 1, 2, and 3**. Twenty-three (23) soil-gas samples were collected from the probe locations including two (2) replicate samples. Soil-gas samples were obtained and analyzed for volatile organic compounds (USEPA Method TO-15) in general accordance with the DTSC/RWQCB guidelines (CalEPA/DTSC/RWQCB Soil-gas Advisory, 2015) in an onsite state certified H&P mobile laboratory.

The soil-gas probes consisted of a sampling tip attached to inert nylon tubing. Each segment of tubing was pre-measured to ensure the correct depth. The sample point was set within a six-inch sand-sensing zone at the desired depth of each soil vapor point. Dry granular bentonite was placed above and/or below the sand-sensing zone and hydrated in order to seal the sand-sensing zone. The probes were completed to the surface with hydrated bentonite and capped with a gas-tight 2-way valve preventing degassing of the vapor point and interference from the surface. The soil-gas probes were allowed to equilibrate for two hours prior to the collection of the soil-gas samples. Three dead space purge volumes (3PV) were evacuated from each probe prior to sampling. 1,1-difluoroethane was utilized as the leak check compound. Vapor probe locations were sampled using the H&P Mobile Geochemistry SOP, which includes protocols for surface seals, purge volume tests, tracer compounds, sample flow rate, duplicate samples, and analytical instrument calibration.

Laboratory analysis of soil-gas found concentrations of benzene ranging from 19 µg/m^3 to 93 µg/m^3 in nine (9) of the twenty-three (23) samples collected. Toluene, ethylbenzene, and xylenes were also detected at concentrations up to 30,000 µg/m^3, 6,700 µg/m^3, and 37,900 µg/m^3, respectively. PCE was detected in three (3) of the sample locations at concentrations between 92 µg/m^3 and 770 µg/m^3. Sample location CEB4 contained concentrations of 4-ethyltoluene at 4,200 µg/m^3 (5ft) and 430 µg/m^3 (15ft), 1,3,5-trimethylbenzene at 160 µg/m^3 (15ft), and 1,2,4-trimethylbenzene at 2,800 µg/m^3 (5ft). The remaining samples were below the method-reporting limits for all other EPA Method TO-15 compounds.

The soil gas concentrations from the sampling event were evaluated for future vapor intrusion into indoor air utilizing the DTSC (Vapor Intrusion Guidance, 2011) attenuation factor (AF) for future residential structures (0.001). The predicted future indoor air concentration for PCE from sample CEB7-5FT (0.77 µg/m^3) slightly exceeds the DTSC residential screening level (SL) for PCE (0.46 µg/m^3) using the DTSC AF. The predicted indoor air value for 1,2,4-trimethylbenzene from sample CEB4-5FT (2.8 µg/m^3) exceeds the DTSC residential SL for 1,2,4-trimethylbenzene (0.39 µg/m^3). The predicted ambient air concentrations for all remaining compounds detected were below their respective residential screening levels (SLs) recommended by DTSC. The soil gas data is tabulated on **TABLE I, APPENDIX I**. The soil-gas laboratory report and chain of custody record are attached in **APPENDIX II**.

Soil Sampling

Soil sampling was conducted onsite on October 16, 2019 by H&P Mobile Geochemistry under the direction of California Environmental. Twenty-one (21) soil samples were collected from the fifteen (15) borings utilized for soil gas sampling. The soil samples were obtained from depths between 5 and 20 feet below ground surface. The samples were retained in acetate sleeves, capped, labeled, placed on ice, and transferred to an offsite state certified laboratory for analysis. The samples were analyzed for total petroleum hydrocarbons (USEPA Method 8015M), volatile organic compounds (USEPA Method 8260B/5035), and Title 22 Metals. The soil sample locations are depicted on **FIGURES 1, 2, and 3**. Logs of the borings are attached as **Plates 1-15**.

Laboratory analysis found concentrations of total petroleum hydrocarbons (TPH) ranging from 5.1 to 160 mg/kg in eleven (11) of the twenty-one (21) samples analyzed. Low concentrations of toluene (8.6 µg/kg), ethylbenzene (12 µg/kg), xylenes (104 µg/kg), n-butylbenzene (14 µg/kg), N-propylbenzene (10 µg/kg), p-isopropyltoluene (1.4 µg/kg), sec-butylbenzene (1.3 µg/kg), 1,2,4-trimethylbenzene (120 µg/kg), and 1,3,5-trimethylbenzene (36 µg/kg) were detected in sample CEB4-5ft. No other VOCs were detected above the reporting limit for the remaining samples analyzed. All metals concentrations detected were typical of background concentrations for the region. The soil data is tabulated on **TABLES II & III, APPENDIX I**. The soil laboratory report and chain of custody record are attached in **APPENDIX II**.

Conclusions

Soil gas and soil testing beneath the subject site on October 16 and 17, 2019 by CE revealed evidence of localized subsurface impacts associated with the vehicle maintenance buildings (30102 Pacific Island Drive) and the former fire station (30141 Alicia Parkway).

Laboratory analysis of soil-gas found concentrations of PCE in three (3) of the sample locations near the vehicle maintenance buildings at concentrations between 92 µg/m^3 and 770 µg/m^3. The predicted indoor air value for PCE from sample CEB7-5FT (0.77 µg/m^3) slightly exceeds the DTSC residential screening level (SL) for PCE (0.46 µg/m^3), when evaluated utilizing the DTSC attenuation factor for future residential structures (0.001). Sample location CEB4, located within the former fueling area of the vehicle maintenance buildings, contained vapor phase concentrations of fuel related constituents, including 4-ethyltoluene at 4,200 µg/m^3 (5ft) and 430 µg/m^3 (15ft), 1,3,5-trimethylbenzene at 160 µg/m^3 (15ft), and 1,2,4-trimethylbenzene at 2,800 µg/m^3 (5ft). The predicted indoor air value for 1,2,4-trimethylbenzene from sample CEB4-5FT (2.8 µg/m^3) exceeds the DTSC residential SL for 1,2,4-trimethylbenzene (0.39 µg/m^3), when evaluated utilizing the DTSC attenuation factor for future residential structures (0.001).

Laboratory analysis of the soil samples collected found concentrations of total petroleum hydrocarbons (TPH) ranging from 5.1 to 160 mg/kg, in eleven (11) of the twenty-one (21) samples analyzed. Low VOC impacts associated with the former fueling system at the vehicle maintenance building were detected in sample CEB4-5ft.

CE recommends a Soil Management Plan (SMP) be developed and implemented during future grading work in the area of the vehicle maintenance buildings and former fire station to allow for proper identification and removal of petroleum (>100 mg/kg) and VOC-impacted soil. Source zone removals will ameliorate vapor phase concentrations of VOCs and mitigate the potential future vapor intrusion conditions at sample locations CEB4 and CEB7. CE also recommends a post-grading soil vapor survey within the footprint of future structures located in the area of the vehicle maintenance buildings and former fire station to verify the VI hazard is abated.

Should you have any questions or require additional information, please contact the undersigned.

Respectfully submitted,

Charles I. Buckley
Professional Geologist No. 4035
Certified Engineering Geologist No. 1250
Certified Hydrogeologist No. 55

Gregory H. Buensuceso
Staff Geologist

CALIFORNIA ENVIRONMENTAL

LOG OF BORING CEB1

JOB NUMBER:	3555	**DATE:**	10.16.2019
CLIENT NAME:	SRG Residential	**DRILL RIG:**	Hydraulic Push
SITE ADDRESS:	Vicinity of 30102 Pacific Island Dr. Laguna Niguel, California	**SAMPLING METHOD:**	DP Discrete
LOGGED BY:	Gregory Buensuceso	**BORING DIAMETER:**	2.25"
		SURFACE CONDITIONS:	Asphalt
REVIEWED BY:	Charles I. Buckley, CHG No. 55		

Depth in Feet	Sample Type†	LITHOLOGIC DESCRIPTION	USCS Code	PID Reading (ppmv)	Blows per 1/2 ft	Graphic Log	Well Diagram
0		Asphalt					
5	SD	Silty-sand, buff, very low moisture, loose	SM				
20	SD	Clay, greenish grey, moist, firm	CL				
		END AT 20 FEET - Set SV probes at 5 & 13 ft bgs. No GW Encountered.					

†Sample Type: S=Soil W=Water V=Vapor D=Drive G=Grab N=No Recovery

PLATE 1

CALIFORNIA ENVIRONMENTAL

LOG OF BORING CEB2

JOB NUMBER:	3555	**DATE:**	10.16.2019
CLIENT NAME:	SRG Residential	**DRILL RIG:**	Hydraulic Push
SITE ADDRESS:	Vicinity of 30102 Pacific Island Dr. Laguna Niguel, California	**SAMPLING METHOD:**	DP Discrete
LOGGED BY:	Gregory Buensuceso	**BORING DIAMETER:**	2.25"
		SURFACE CONDITIONS:	Asphalt
REVIEWED BY:	Charles I. Buckley, CHG No. 55		

Depth in Feet	Sample Type†	LITHOLOGIC DESCRIPTION	USCS Code	PID Reading (ppmv)	Blows per 1/2 ft	Graphic Log	Well Diagram
0		Asphalt					
5	SD	Silty-sand, buff, very low moisture, loose	SM				
20	SD	Silty clay, greenish grey, moist, firm	CL				
		END AT 20 FEET - Set SV probes at 5 & 20 ft bgs. No GW Encountered.					

†Sample Type: S=Soil W=Water V=Vapor D=Drive G=Grab N=No Recovery

PLATE 2

CALIFORNIA ENVIRONMENTAL

LOG OF BORING CEB3

JOB NUMBER:	3555	**DATE:**	10.16.2019
CLIENT NAME:	SRG Residential	**DRILL RIG:**	Hydraulic Push
SITE ADDRESS:	Vicinity of 30102 Pacific Island Dr. Laguna Niguel, California	**SAMPLING METHOD:**	DP Discrete
LOGGED BY:	Gregory Buensuceso	**BORING DIAMETER:**	2.25"
		SURFACE CONDITIONS:	Asphalt
REVIEWED BY:	Charles I. Buckley, CHG No. 55		

Depth in Feet	Sample Type†	LITHOLOGIC DESCRIPTION	USCS Code	PID Reading (ppmv)	Blows per 1/2 ft	Graphic Log	Well Diagram
0		Asphalt					
5	SD	Silty-sand with angular pebbles, greyish tan, very low moisture, loose	SM				
15	SD	Silty clay, olive green, slightly moist, firm	CL				
		END AT 15 FEET - Set SV probes at 5 & 15 ft bgs. No GW Encountered.					

†Sample Type: S=Soil W=Water V=Vapor D=Drive G=Grab N=No Recovery

PLATE 3

CALIFORNIA ENVIRONMENTAL

LOG OF BORING CEB4

JOB NUMBER:	3555	**DATE:**	10.16.2019
CLIENT NAME:	SRG Residential	**DRILL RIG:**	Hydraulic Push
SITE ADDRESS:	Vicinity of 30102 Pacific Island Dr. Laguna Niguel, California	**SAMPLING METHOD:**	DP Discrete
LOGGED BY:	Gregory Buensuceso	**BORING DIAMETER:**	2.25"
		SURFACE CONDITIONS:	Concrete
REVIEWED BY:	Charles I. Buckley, CHG No. 55		

Depth in Feet	Sample Type†	LITHOLOGIC DESCRIPTION	USCS Code	PID Reading (ppmv)	Blows per 1/2 ft	Graphic Log	Well Diagram
0		Concrete					
5	SD	Silty-sand with angular pebbles, greyish tan, very low moisture, loose	SM				
15	SD	Silty clay, greenish grey to reddish brown, slightly moist, firm	CL				
		END AT 15 FEET - Set SV probes at 5 & 15 ft bgs. No GW Encountered.					

†Sample Type: S=Soil W=Water V=Vapor D=Drive G=Grab N=No Recovery

PLATE 4

CALIFORNIA ENVIRONMENTAL

LOG OF BORING CEB5

JOB NUMBER:	3555	**DATE:**	10.16.2019
CLIENT NAME:	SRG Residential	**DRILL RIG:**	Hydraulic Push
SITE ADDRESS:	Vicinity of 30102 Pacific Island Dr. Laguna Niguel, California	**SAMPLING METHOD:**	DP Discrete
LOGGED BY:	Gregory Buensuceso	**BORING DIAMETER:**	2.25"
		SURFACE CONDITIONS:	Concrete
REVIEWED BY:	Charles I. Buckley, CHG No. 55		

Depth in Feet	Sample Type†	LITHOLOGIC DESCRIPTION	USCS Code	PID Reading (ppmv)	Blows per 1/2 ft	Graphic Log	Well Diagram
0		Concrete					
5	SD	Silty-sand with angular pebbles, greyish tan, very low moisture, loose	SM				
15	SD	Clay, olive green, slightly moist, very firm	CL				
		END AT 15 FEET - Set SV probes at 5 & 15 ft bgs. No GW Encountered.					

†Sample Type: S=Soil W=Water V=Vapor D=Drive G=Grab N=No Recovery

PLATE 5

CALIFORNIA ENVIRONMENTAL

LOG OF BORING CEB6

JOB NUMBER:	3555	**DATE:**	10.16.2019
CLIENT NAME:	SRG Residential	**DRILL RIG:**	Hydraulic Push
SITE ADDRESS:	Vicinity of 30102 Pacific Island Dr. Laguna Niguel, California	**SAMPLING METHOD:**	DP Discrete
LOGGED BY:	Gregory Buensuceso	**BORING DIAMETER:**	2.25"
		SURFACE CONDITIONS:	Asphalt
REVIEWED BY:	Charles I. Buckley, CHG No. 55		

Depth in Feet	Sample Type†	LITHOLOGIC DESCRIPTION	USCS Code	PID Reading (ppmv)	Blows per 1/2 ft	Graphic Log	Well Diagram
0		Asphalt					
7	**SD**	Fine sand, tan, slightly moist, loose	SW				
		END AT 7 FEET - Set SV probe at 7 ft bgs. No GW Encountered.					

†**Sample Type:** **S=Soil** **W=Water** **V=Vapor** **D=Drive** **G=Grab** **N=No Recovery**

PLATE **6**

CALIFORNIA ENVIRONMENTAL

LOG OF BORING CEB7

JOB NUMBER:	3555	**DATE:**	10.16.2019
CLIENT NAME:	SRG Residential	**DRILL RIG:**	Hydraulic Push
SITE ADDRESS:	Vicinity of 30102 Pacific Island Dr. Laguna Niguel, California	**SAMPLING METHOD:**	DP Discrete
LOGGED BY:	Gregory Buensuceso	**BORING DIAMETER:**	2.25"
		SURFACE CONDITIONS:	Asphalt
REVIEWED BY:	Charles I. Buckley, CHG No. 55		

Depth in Feet	Sample Type†	LITHOLOGIC DESCRIPTION	USCS Code	PID Reading (ppmv)	Blows per 1/2 ft	Graphic Log	Well Diagram
0		Asphalt					
5	**SD**	Clay, greenish brown, slightly moist, very firm	CL				
		END AT 5 FEET - Set SV probe at 5 ft bgs. No GW Encountered.					

†**Sample Type:** **S=Soil** **W=Water** **V=Vapor** **D=Drive** **G=Grab** **N=No Recovery**

PLATE **7**

CALIFORNIA ENVIRONMENTAL

LOG OF BORING CEB8

JOB NUMBER:	3555	**DATE:**	10.16.2019
CLIENT NAME:	SRG Residential	**DRILL RIG:**	Hydraulic Push
SITE ADDRESS:	Vicinity of 30102 Pacific Island Dr. Laguna Niguel, California	**SAMPLING METHOD:**	DP Discrete
LOGGED BY:	Gregory Buensuceso	**BORING DIAMETER:**	2.25"
		SURFACE CONDITIONS:	Asphalt
REVIEWED BY:	Charles I. Buckley, CHG No. 55		

Depth in Feet	Sample Type†	LITHOLOGIC DESCRIPTION	USCS Code	PID Reading (ppmv)	Blows per 1/2 ft	Graphic Log	Well Diagram
0		Asphalt					
5	**SD**	Clay, olive green, moist, firm	CH				
		END AT 5 FEET - Set SV probe at 5 ft bgs. No GW Encountered.					

†**Sample Type:** **S=Soil** **W=Water** **V=Vapor** **D=Drive** **G=Grab** **N=No Recovery**

PLATE **8**

CALIFORNIA ENVIRONMENTAL

LOG OF BORING CEB9

JOB NUMBER:	3555	**DATE:**	10.16.2019
CLIENT NAME:	SRG Residential	**DRILL RIG:**	Hydraulic Push
SITE ADDRESS:	Vicinity of 30102 Pacific Island Dr. Laguna Niguel, California	**SAMPLING METHOD:**	DP Discrete
LOGGED BY:	Gregory Buensuceso	**BORING DIAMETER:**	2.25"
		SURFACE CONDITIONS:	Asphalt
REVIEWED BY:	Charles I. Buckley, CHG No. 55		

Depth in Feet	Sample Type†	LITHOLOGIC DESCRIPTION	USCS Code	PID Reading (ppmv)	Blows per 1/2 ft	Graphic Log	Well Diagram
0		Asphalt					
5	**SD**	Clay, olive green, moist, firm	CL				
		END AT 5 FEET - Set SV probe at 5 ft bgs. No GW Encountered.					

†**Sample Type:** **S=Soil** **W=Water** **V=Vapor** **D=Drive** **G=Grab** **N=No Recovery**

PLATE **9**

CALIFORNIA ENVIRONMENTAL

LOG OF BORING CEB10

JOB NUMBER:	3555	**DATE:**	10.16.2019
CLIENT NAME:	SRG Residential	**DRILL RIG:**	Hydraulic Push
SITE ADDRESS:	Vicinity of 30102 Pacific Island Dr. Laguna Niguel, California	**SAMPLING METHOD:**	DP Discrete
LOGGED BY:	Gregory Buensuceso	**BORING DIAMETER:**	2.25"
		SURFACE CONDITIONS:	Concrete
REVIEWED BY:	Charles I. Buckley, CHG No. 55		

Depth in Feet	Sample Type†	LITHOLOGIC DESCRIPTION	USCS Code	PID Reading (ppmv)	Blows per 1/2 ft	Graphic Log	Well Diagram
0		Concrete					
7	**SD**	Clayey loam, olive green to brown, slightly moist, dense	CL				
		END AT 7 FEET - Set SV probe at 7 ft bgs. No GW Encountered.					

†**Sample Type:** **S=Soil** **W=Water** **V=Vapor** **D=Drive** **G=Grab** **N=No Recovery**

PLATE **10**

CALIFORNIA ENVIRONMENTAL

LOG OF BORING CEB11

JOB NUMBER:	3555	**DATE:**	10.16.2019
CLIENT NAME:	SRG Residential	**DRILL RIG:**	Hydraulic Push
SITE ADDRESS:	Vicinity of 30141 Alicia Parkway Laguna Niguel, California	**SAMPLING METHOD:**	DP Discrete
LOGGED BY:	Gregory Buensuceso	**BORING DIAMETER:**	2.25"
		SURFACE CONDITIONS:	Asphalt
REVIEWED BY:	Charles I. Buckley, CHG No. 55		

Depth in Feet	Sample Type†	LITHOLOGIC DESCRIPTION	USCS Code	PID Reading (ppmv)	Blows per 1/2 ft	Graphic Log	Well Diagram
0		Asphalt					
5	SD	Silty clay, olive green, slightly moist, firm	CL				
		END AT 5 FEET - Set SV probe at 5 ft bgs. No GW Encountered.					

†Sample Type: S=Soil W=Water V=Vapor D=Drive G=Grab N=No Recovery

PLATE 11

CALIFORNIA ENVIRONMENTAL

LOG OF BORING CEB12

JOB NUMBER:	3555	**DATE:**	10.16.2019
CLIENT NAME:	SRG Residential	**DRILL RIG:**	Hydraulic Push
SITE ADDRESS:	Vicinity of 30141 Alicia Parkway Laguna Niguel, California	**SAMPLING METHOD:**	DP Discrete
LOGGED BY:	Gregory Buensuceso	**BORING DIAMETER:**	2.25"
		SURFACE CONDITIONS:	Asphalt
REVIEWED BY:	Charles I. Buckley, CHG No. 55		

Depth in Feet	Sample Type†	LITHOLOGIC DESCRIPTION	USCS Code	PID Reading (ppmv)	Blows per 1/2 ft	Graphic Log	Well Diagram
0		Asphalt					
5	SD	Silty clay, olive green, slightly moist, firm	CL				
		END AT 5 FEET - Set SV probe at 5 ft bgs. No GW Encountered.					

†Sample Type: S=Soil W=Water V=Vapor D=Drive G=Grab N=No Recovery

PLATE 12

CALIFORNIA ENVIRONMENTAL

LOG OF BORING CEB13

JOB NUMBER:	3555	**DATE:**	10.16.2019
CLIENT NAME:	SRG Residential	**DRILL RIG:**	Hydraulic Push
SITE ADDRESS:	Vicinity of 30141 Alicia Parkway Laguna Niguel, California	**SAMPLING METHOD:**	DP Discrete
LOGGED BY:	Gregory Buensuceso	**BORING DIAMETER:**	2.25"
		SURFACE CONDITIONS:	Asphalt
REVIEWED BY:	Charles I. Buckley, CHG No. 55		

Depth in Feet	Sample Type†	LITHOLOGIC DESCRIPTION	USCS Code	PID Reading (ppmv)	Blows per 1/2 ft	Graphic Log	Well Diagram
0		Asphalt					
5	SD	Sandy clay, olive green to brown, slightly moist, firm	CL				
17	SD	Clay, brown, slightly moist, firm	CL				
		END AT 17 FEET - Set SV Probes at 5 & 17 ft bgs. No GW Encountered.					

†Sample Type: S=Soil W=Water V=Vapor D=Drive G=Grab N=No Recovery

PLATE 13

CALIFORNIA ENVIRONMENTAL

LOG OF BORING CEB14

JOB NUMBER:	3555	**DATE:**	10.16.2019
CLIENT NAME:	SRG Residential	**DRILL RIG:**	Hydraulic Push
SITE ADDRESS:	Vicinity of 30141 Alicia Parkway Laguna Niguel, California	**SAMPLING METHOD:**	DP Discrete
LOGGED BY:	Gregory Buensuceso	**BORING DIAMETER:**	2.25"
		SURFACE CONDITIONS:	Concrete
REVIEWED BY:	Charles I. Buckley, CHG No. 55		

Depth in Feet	Sample Type†	LITHOLOGIC DESCRIPTION	USCS Code	PID Reading (ppmv)	Blows per 1/2 ft	Graphic Log	Well Diagram
0		Concrete					
5	SD	Clay, dark grey, slightly moist, very firm	CL				
		END AT 5 FEET - Set SV probe at 5 ft bgs. No GW Encountered.					

†Sample Type: S=Soil W=Water V=Vapor D=Drive G=Grab N=No Recovery

PLATE 14

CALIFORNIA ENVIRONMENTAL

LOG OF BORING CEB15

JOB NUMBER:	3555	**DATE:**	10.16.2019
CLIENT NAME:	SRG Residential	**DRILL RIG:**	Hydraulic Push
SITE ADDRESS:	Vicinity of 30141 Alicia Parkway Laguna Niguel, California	**SAMPLING METHOD:**	DP Discrete
LOGGED BY:	Gregory Buensuceso	**BORING DIAMETER:**	2.25"
		SURFACE CONDITIONS:	Asphalt
REVIEWED BY:	Charles I. Buckley, CHG No. 55		

Depth in Feet	Sample Type†	LITHOLOGIC DESCRIPTION	USCS Code	PID Reading (ppmv)	Blows per 1/2 ft	Graphic Log	Well Diagram
0		Concrete					
5	SD	Clay, dark grey, slightly moist, very firm	CL				
		END AT 5 FEET - Set SV probe at 5 ft bgs. No GW Encountered.					

†Sample Type: S=Soil W=Water V=Vapor D=Drive G=Grab N=No Recovery

PLATE 15

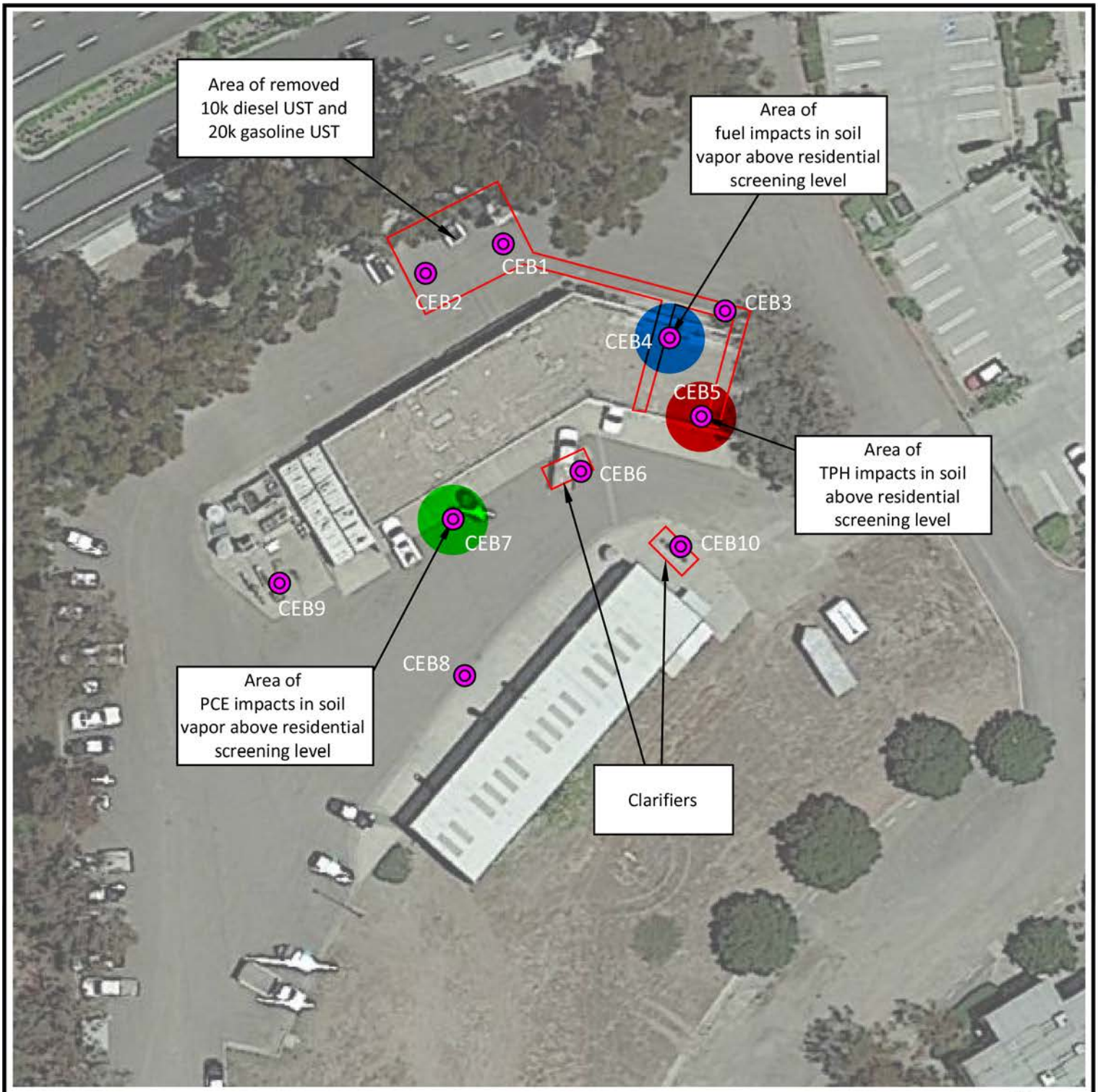
Scale
0 100 200 ft.
1 inch = 200 feet

N W E S

References: Google Earth

FIGURE 1 - PLOT PLAN

California Environmental			
Client	SRG RESIDENTIAL	Job #	EV0719-3555
Location	Vicinity of 30141 Alicia Parkway, Laguna Niguel	By	GHB
Date:	November 2019	Checked By	CIB



EXPLANATION

Soil and soil gas sampling location by CE, October 16, 2019.

Scale

0 25 50 ft.

1 inch = 50 feet

N W E S

References: Google Earth

FIGURE 2 - VMB ASSESSMENT PLAN

30102 Pacific Island Drive,
Laguna Niguel, California

Drawn By: GHB	Job # EV0719-3555
Checked By: CIB	Date: November 2019

California Environmental

EXPLANATION

- Soil and soil gas sampling location by CE, October 16, 2019.
- Areas of TPH impacted soil above residential screening levels.

Scale

0 10 20 ft.

1 inch = 20 feet

N W E S

References: Google Earth

FIGURE 3 - FIRE STATION ASSESSMENT PLAN

30141 Alicia Parkway,
Laguna Niguel, California

Drawn By: GHB	Job # EV0719-3555
Checked By: CIB	Date: November 2019

California Environmental

APPENDIX I

Table I - Laboratory Analysis of Soil Gas - VOCs
Table II - Laboratory Analysis of Soil – TPH & VOCs
Table III - Laboratory Analysis of Soil – Metals

TABLE I

Laboratory Analysis of Soil Gas - VOCs

Proposed Laguna Niguel Town Center Project

Vicinity of 30143 Crown Valley Parkway

Laguna Niguel, California

Sample ID	Date	EPA Method TO-15 (µg/m^3)									
		B	T	E	X	PCE	TCE	4-Ethyltoluene	1,3,5-Trimethylbenzene	1,2,4-Trimethylbenzene	All Other Analytes
CEB1-5FT	10/16/2019	<16	<38	<22	<66	<34	<27	<50	<50	<50	ND
CEB1-13FT	10/16/2019	**30**	**86**	<22	**54**	<34	<27	<50	<50	<50	ND
CEB2-5FT	10/16/2019	<16	<38	<22	<66	<34	<27	<50	<50	<50	ND
CEB2-20FT	10/16/2019	**93**	**97**	<22	**104**	<34	<27	<50	<50	<50	ND
CEB3-5FT	10/16/2019	**25**	**60**	<22	**47**	<34	<27	<50	<50	<50	ND
CEB3-5FT REP	10/16/2019	**39**	**63**	<22	**44**	<34	<27	<50	<50	<50	ND
CEB3-15FT	10/16/2019	**53**	**79**	<22	<66	<34	<27	<50	<50	<50	ND
CEB4-5FT	10/16/2019	<160	**30000**	**6700**	**37900**	<340	<270	**4200**	<500	**2800**	**ND**
CEB4-15FT	10/16/2019	<16	**520**	**270**	**1910**	<34	<27	**430**	**160**	<50	ND
CEB5-5FT	10/16/2019	<16	<38	<22	<66	<34	<27	<50	<50	<50	ND
CEB5-15FT	10/16/2019	**30**	**78**	**61**	**121**	<34	<27	<50	<50	<50	①
CEB6-7FT	10/16/2019	<16	<38	**32**	**46**	**92**	<27	<50	<50	<50	ND
CEB7-5FT	10/17/2019	<16	<38	<22	<66	**770**	<27	<50	<50	<50	ND
CEB8-5FT	10/17/2019	**20**	**45**	<22	**50**	<34	<27	<50	<50	<50	ND
CEB9-5FT	10/17/2019	<16	<38	<22	<66	**130**	<27	<50	<50	<50	ND
CEB9-5FT REP	10/17/2019	<16	<38	<22	<66	**120**	<27	<50	<50	<50	ND
CEB10-7FT	10/17/2019	<16	<38	<22	<66	<34	<27	<50	<50	<50	ND
CEB11-5FT	10/17/2019	<16	<38	<22	<66	<34	<27	<50	<50	<50	ND
CEB12-5FT	10/17/2019	**25**	**81**	<22	<66	<34	<27	<50	<50	<50	ND
CEB13-5FT	10/17/2019	<16	<38	<22	<66	<34	<27	<50	<50	<50	ND
CEB13-17FT	10/17/2019	<16	**98**	**44**	**89**	<34	<27	<50	<50	<50	ND
CEB14-5FT	10/17/2019	<16	<38	<22	<66	<34	<27	<50	<50	<50	ND
CEB15-5FT	10/17/2019	**19**	**39**	<22	<66	<34	<27	<50	<50	<50	ND
*(Max Conc.) x (AF = 0.001)	--	9.30E-02	3.00E+01	6.70E+00	3.79E+01	7.70E-01	--	4.20E+00	1.60E-01	2.80E+00	--
DTSC HHRA Note 3 Ambient Air Residential SLs	Jun-18	9.70E-02	3.10E+02	--	--	4.60E-01	--	--	--	3.90E-01	--

B – Benzene; T – Toluene; E – Ethylbenzene; X – Xylene; PCE – Tetrachloroethene; TCE – Tricholoroethene;
ND - Non-detect (analyte **NOT DETECTED** at or above the reporting limit)

① = (Carbon disulfide - 95 µg/m3)

* Predicted ambient air concentration calculated utilizing the highest concentration detected for an analyte multiplied by the future residential attenuation factor.
(Max Conc.) x (AF = 0.001)

TABLE II

Laboratory Analysis of Soil - TPH & VOCs

Proposed Laguna Niguel Town Center Project

Vicinity of 30143 Crown Valley Parkway

Laguna Niguel, California

Sample ID	Date	EPA Method 8015M (mg/kg) TPH (C6-C44)	EPA Method 8260B/5035 (µg/kg)							
			B	T	E	X	Naphthalene	PCE	TCE	All Other Analytes
CEB1-5FT	10/16/2019	32	<1.1	<1.1	<1.1	<3.2	<11	<1.1	<2.1	ND
CEB1-20FT	10/16/2019	5.1	<1.1	<1.1	<1.1	<3.2	<11	<1.1	<2.1	ND
CEB2-5FT	10/16/2019	27	<1.1	<1.1	<1.1	<3.2	<11	<1.1	<2.1	ND
CEB2-20FT	10/16/2019	<5.3	<1.1	<1.1	<1.1	<3.2	<11	<1.1	<2.1	ND
CEB3-5FT	10/16/2019	<5.3	<1.1	<1.1	<1.1	<3.2	<11	<1.1	<2.1	ND
CEB3-15FT	10/16/2019	<5.3	<1.1	<1.1	<1.1	<3.2	<11	<1.1	<2.1	ND
CEB4-5FT	10/16/2019	<5.3	<1.1	8.6	12	104	47	<1.1	<2.1	*
CEB4-15FT	10/16/2019	<5.3	<1.1	<1.1	<1.1	<3.2	<11	<1.1	<2.1	ND
CEB5-5FT	10/16/2019	160	<1.1	<1.1	<1.1	<3.2	<11	<1.1	<2.1	ND
CEB5-15FT	10/16/2019	13	<1.1	<1.1	<1.1	<3.2	<11	<1.1	<2.1	ND
CEB6-7FT	10/16/2019	<5.3	<1.1	<1.1	<1.1	<3.2	<11	<1.1	<2.1	ND
CEB7-5FT	10/16/2019	<5.3	<1.1	<1.1	<1.1	<3.2	<11	<1.1	<2.1	ND
CEB8-5FT	10/16/2019	<5.3	<1.1	<1.1	<1.1	<3.2	<11	<1.1	<2.1	ND
CEB9-5FT	10/16/2019	<5.3	<1.1	<1.1	<1.1	<3.2	<11	<1.1	<2.1	ND
CEB10-7FT	10/16/2019	13	<1.1	<1.1	<1.1	<3.2	<11	<1.1	<2.1	ND
CEB11-5FT	10/16/2019	<5.3	<1.1	<1.1	<1.1	<3.2	<11	<1.1	<2.1	ND
CEB12-5FT	10/16/2019	110	<1.1	<1.1	<1.1	<3.2	<11	<1.1	<2.1	ND
CEB13-5FT	10/16/2019	47	<1.1	<1.1	<1.1	<3.2	<11	<1.1	<2.1	ND
CEB13-17FT	10/16/2019	5.6	<1.1	<1.1	<1.1	<3.2	<11	<1.1	<2.1	ND
CEB14-5FT	10/16/2019	100	<1.1	<1.1	<1.1	<3.2	<11	<1.1	<2.1	ND
CEB15-5FT	10/16/2019	34	<1.1	<1.1	<1.1	<3.2	<11	<1.1	<2.1	ND

TPH - Total Petroleum Hydrocarbons; B – Benzene; T – Toluene; E – Ethylbenzene; X – Xylene;
PCE – Tetrachloroethene; TCE – Tricholoroethene

* - (n-Butylbenzene - 14 µg/kg) (N-Propylbenzene - 10 µg/kg) (p-Isopropyltoluene - 1.4 µg/kg) (sec-Butylbenzene - 1.3 µg/kg)
(1,2,4-Trimethylbenzene - 120 µg/kg) (1,3,5-Trimethylbenzene - 36 µg/kg)

TABLE III

Laboratory Analysis of Soil - Metals

Proposed Laguna Niguel Town Center Project

Vicinity of 30143 Crown Valley Parkway

Laguna Niguel, California

Sample I.D.	Date	CAM Metals - EPA 6010B/7000 (mg/kg)																
		Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
CEB6-7FT	10/16/2019	**1.71**	**2.87**	**78.8**	**0.53**	**0.987**	**17.7**	**4.86**	**8.87**	**0.768**	<0.0862	**1.16**	**15.1**	<0.750	<0.250	<0.750	**22.3**	**28.3**
CEB9-5FT	10/16/2019	**1.23**	**1.09**	**47.9**	**0.269**	<0.503	**14.1**	**3.92**	**3.82**	<0.503	<0.0862	**1.13**	**12.2**	<0.754	<0.251	<0.754	**12**	**20.8**
CEB10-7FT	10/16/2019	**1.79**	<0.750	**56.8**	**0.285**	<0.500	**17.5**	**4.59**	**2.31**	<0.500	<0.0806	**1.4**	**21.7**	<0.750	<0.250	<0.750	**16.1**	**17.8**
CEB14-5FT	10/16/2019	**1.47**	**2.83**	**129**	**0.737**	<0.498	**12.7**	**3.8**	**12.7**	**1.59**	<0.0833	<0.249	**8.97**	<0.746	<0.249	<0.746	**27.9**	**26.9**
SFRWQCB ESLs residential	Jan-19	11	0.067*	15,000	16	78	--	23	3,100	80	13	390	820	390	390	0.78	390	23,000

SFRWQCB ESLs - San Francisco Regional Water Quality Control Board Environmental Screening Levels (Jan. 2019)

* - Arsenic concentration compared to background levels - in SoCal 3-15 mg/kg

APPENDIX II

Lab Test Reports

Mobile Geochemistry Inc.

24 October 2019

Charlie Buckley
California Environmental
30423 Canwood Street, Suite 208
Agoura Hills, CA 91301

H&P Project: CE101619-A1
Client Project: 3555 / 30102 Pacific Island Dr.

Dear Charlie Buckley:

Enclosed is the analytical report for the above referenced project. The data herein applies to samples as received by H&P Mobile Geochemistry, Inc. on 10/16/2019-10/17/2019which were analyzed in accordance with the attached Chain of Custody record(s).

The results for all sample analyses and required QA/QC analyses are presented in the following sections and summarized in the documents:

- Sample Summary
- Case Narrative (if applicable)
- Sample Results
- Quality Control Summary
- Notes and Definitions / Appendix
- Chain of Custody
- Sampling Logs (if applicable)

Unless otherwise noted, I certify that all analyses were performed and reviewed in compliance with our Quality Systems Manual and Standard Operating Procedures. This report shall not be reproduced, except in full, without the written approval of H&P Mobile Geochemistry, Inc.

We at H&P Mobile Geochemistry, Inc. sincerely appreciate the opportunity to provide analytical services to you on this project. If you have any questions or concerns regarding this analytical report, please contact me at your convenience at 760-804-9678.

Sincerely,

Janis La Roux
Laboratory Director

H&P Mobile Geochemistry, Inc. is certified under the California ELAP and the National Environmental Laboratory Accreditation Conference (NELAC). H&P is approved as an Environmental Testing Laboratory and Mobile Laboratory in accordance with the DoD-ELAP Program and ISO/IEC 17025:2005 programs, accreditation number 69070 for EPA Method TO-15, H&P Method TO-15, EPA Method 8260B and H&P 8260SV.

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CEB-1-5	E910063-01	Vapor	16-Oct-19	16-Oct-19
CEB-1-13	E910063-02	Vapor	16-Oct-19	16-Oct-19
CEB-2-5	E910063-03	Vapor	16-Oct-19	16-Oct-19
CEB-2-20	E910063-04	Vapor	16-Oct-19	16-Oct-19
CEB-3-5	E910063-05	Vapor	16-Oct-19	16-Oct-19
CEB-3-5 REP	E910063-06	Vapor	16-Oct-19	16-Oct-19
CEB-3-15	E910063-07	Vapor	16-Oct-19	16-Oct-19
CEB-4-5	E910063-08	Vapor	16-Oct-19	16-Oct-19
CEB-4-15	E910063-09	Vapor	16-Oct-19	16-Oct-19
CEB-5-5	E910063-10	Vapor	16-Oct-19	16-Oct-19
CEB-5-15	E910063-11	Vapor	16-Oct-19	16-Oct-19
CEB-6-7	E910063-12	Vapor	16-Oct-19	16-Oct-19
CEB-7-5	E910068-01	Vapor	17-Oct-19	17-Oct-19
CEB-8-5	E910068-02	Vapor	17-Oct-19	17-Oct-19
CEB-9-5	E910068-03	Vapor	17-Oct-19	17-Oct-19
CEB-9-5 REP	E910068-04	Vapor	17-Oct-19	17-Oct-19
CEB-10-7	E910068-05	Vapor	17-Oct-19	17-Oct-19
CEB-15-5	E910068-06	Vapor	17-Oct-19	17-Oct-19
CEB-12-5	E910068-07	Vapor	17-Oct-19	17-Oct-19
CEB-11-5	E910068-08	Vapor	17-Oct-19	17-Oct-19
CEB-13-5	E910068-09	Vapor	17-Oct-19	17-Oct-19
CEB-13-17	E910068-10	Vapor	17-Oct-19	17-Oct-19
CEB-14-5	E910068-11	Vapor	17-Oct-19	17-Oct-19

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

DETECTIONS SUMMARY

Sample ID: **CEB-1-5** Laboratory ID: **E910063-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **CEB-1-13** Laboratory ID: **E910063-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**30**	16	ug/m3	H&P TO-15	
Toluene	**86**	38	ug/m3	H&P TO-15	
m,p-Xylene	**54**	44	ug/m3	H&P TO-15	

Sample ID: **CEB-2-5** Laboratory ID: **E910063-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **CEB-2-20** Laboratory ID: **E910063-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**93**	16	ug/m3	H&P TO-15	
Toluene	**97**	38	ug/m3	H&P TO-15	
m,p-Xylene	**66**	44	ug/m3	H&P TO-15	
o-Xylene	**38**	22	ug/m3	H&P TO-15	

Sample ID: **CEB-3-5** Laboratory ID: **E910063-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**25**	16	ug/m3	H&P TO-15	
Toluene	**60**	38	ug/m3	H&P TO-15	
m,p-Xylene	**47**	44	ug/m3	H&P TO-15	

Sample ID: **CEB-3-5 REP** Laboratory ID: **E910063-06**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**39**	16	ug/m3	H&P TO-15	
Toluene	**63**	38	ug/m3	H&P TO-15	
m,p-Xylene	**44**	44	ug/m3	H&P TO-15	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Sample ID: **CEB-3-15** Laboratory ID: **E910063-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**53**	16	ug/m3	H&P TO-15	
Toluene	**79**	38	ug/m3	H&P TO-15	

Sample ID: **CEB-4-5** Laboratory ID: **E910063-08**

Analyte	Result	Reporting Limit	Units	Method	Notes
Toluene	**30000**	380	ug/m3	H&P TO-15	
Ethylbenzene	**6700**	220	ug/m3	H&P TO-15	
m,p-Xylene	**29000**	440	ug/m3	H&P TO-15	
o-Xylene	**8900**	220	ug/m3	H&P TO-15	
4-Ethyltoluene	**4200**	500	ug/m3	H&P TO-15	
1,2,4-Trimethylbenzene	**2800**	500	ug/m3	H&P TO-15	

Sample ID: **CEB-4-15** Laboratory ID: **E910063-09**

Analyte	Result	Reporting Limit	Units	Method	Notes
Toluene	**520**	38	ug/m3	H&P TO-15	
Ethylbenzene	**270**	22	ug/m3	H&P TO-15	
m,p-Xylene	**1400**	44	ug/m3	H&P TO-15	
o-Xylene	**510**	22	ug/m3	H&P TO-15	
4-Ethyltoluene	**430**	50	ug/m3	H&P TO-15	
1,3,5-Trimethylbenzene	**160**	50	ug/m3	H&P TO-15	

Sample ID: **CEB-5-5** Laboratory ID: **E910063-10**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **CEB-5-15** Laboratory ID: **E910063-11**

Analyte	Result	Reporting Limit	Units	Method	Notes
Carbon disulfide	**95**	32	ug/m3	H&P TO-15	
Benzene	**30**	16	ug/m3	H&P TO-15	
Toluene	**78**	38	ug/m3	H&P TO-15	
Ethylbenzene	**61**	22	ug/m3	H&P TO-15	
m,p-Xylene	**92**	44	ug/m3	H&P TO-15	
o-Xylene	**29**	22	ug/m3	H&P TO-15	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Sample ID: **CEB-6-7** Laboratory ID: **E910063-12**

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**92**	34	ug/m3	H&P TO-15	
Ethylbenzene	**32**	22	ug/m3	H&P TO-15	
m,p-Xylene	**46**	44	ug/m3	H&P TO-15	

Sample ID: **CEB-7-5** Laboratory ID: **E910068-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**770**	34	ug/m3	H&P TO-15	

Sample ID: **CEB-8-5** Laboratory ID: **E910068-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**20**	16	ug/m3	H&P TO-15	
Toluene	**45**	38	ug/m3	H&P TO-15	
m,p-Xylene	**50**	44	ug/m3	H&P TO-15	

Sample ID: **CEB-9-5** Laboratory ID: **E910068-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**130**	34	ug/m3	H&P TO-15	

Sample ID: **CEB-9-5 REP** Laboratory ID: **E910068-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**120**	34	ug/m3	H&P TO-15	

Sample ID: **CEB-10-7** Laboratory ID: **E910068-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **CEB-15-5** Laboratory ID: **E910068-06**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**19**	16	ug/m3	H&P TO-15	
Toluene	**39**	38	ug/m3	H&P TO-15	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Sample ID: **CEB-12-5** Laboratory ID: **E910068-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**25**	16	ug/m3	H&P TO-15	
Toluene	**81**	38	ug/m3	H&P TO-15	

Sample ID: **CEB-11-5** Laboratory ID: **E910068-08**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **CEB-13-5** Laboratory ID: **E910068-09**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **CEB-13-17** Laboratory ID: **E910068-10**

Analyte	Result	Reporting Limit	Units	Method	Notes
Toluene	**98**	38	ug/m3	H&P TO-15	
Ethylbenzene	**44**	22	ug/m3	H&P TO-15	
m,p-Xylene	**63**	44	ug/m3	H&P TO-15	
o-Xylene	**26**	22	ug/m3	H&P TO-15	

Sample ID: **CEB-14-5** Laboratory ID: **E910068-11**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-1-5 (E910063-01) Vapor Sampled: 16-Oct-19 Received: 16-Oct-19									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EJ91604	16-Oct-19	16-Oct-19	H&P TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	71	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
Tertiary-butyl alcohol (TBA)	ND	31	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
Carbon disulfide	ND	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	36	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
2-Butanone (MEK)	ND	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Diisopropyl ether (DIPE)	ND	42	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
Ethyl tert-butyl ether (ETBE)	ND	42	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Tertiary-amyl methyl ether (TAME)	ND	42	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,2-Dichloropropane	ND	47	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	41	"	"	"	"	"	"	
Dibromochloromethane	ND	86	"	"	"	"	"	"	
Tetrachloroethene	ND	34	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	39	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-1-5 (E910063-01) Vapor Sampled: 16-Oct-19 Received: 16-Oct-19									
1,1,1,2-Tetrachloroethane	ND	70	ug/m3	1	EJ91604	16-Oct-19	16-Oct-19	H&P TO-15	
Chlorobenzene	ND	23	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
Styrene	ND	43	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	61	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Hexachlorobutadiene	ND	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*113 %*		*67-141*	"	"	"	"	
Surrogate: Toluene-d8		*106 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*		*56-127*	"	"	"	"	
CEB-1-13 (E910063-02) Vapor Sampled: 16-Oct-19 Received: 16-Oct-19									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EJ91604	16-Oct-19	16-Oct-19	H&P TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	71	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
Tertiary-butyl alcohol (TBA)	ND	31	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
Carbon disulfide	ND	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	36	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-1-13 (E910063-02) Vapor Sampled: 16-Oct-19 Received: 16-Oct-19									
1,1-Dichloroethane	ND	41	ug/m3	1	EJ91604	16-Oct-19	16-Oct-19	H&P TO-15	
2-Butanone (MEK)	ND	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Diisopropyl ether (DIPE)	ND	42	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
Ethyl tert-butyl ether (ETBE)	ND	42	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**30**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Tertiary-amyl methyl ether (TAME)	ND	42	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,2-Dichloropropane	ND	47	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
Toluene	**86**	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	41	"	"	"	"	"	"	
Dibromochloromethane	ND	86	"	"	"	"	"	"	
Tetrachloroethene	ND	34	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	39	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Chlorobenzene	ND	23	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	**54**	44	"	"	"	"	"	"	
Styrene	ND	43	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	61	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-1-13 (E910063-02) Vapor Sampled: 16-Oct-19 Received: 16-Oct-19									
1,2,4-Trichlorobenzene	ND	75	ug/m3	1	EJ91604	16-Oct-19	16-Oct-19	H&P TO-15	
Hexachlorobutadiene	ND	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*117 %*		*67-141*	"	"	"	"	
Surrogate: Toluene-d8		*103 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*		*56-127*	"	"	"	"	
CEB-2-5 (E910063-03) Vapor Sampled: 16-Oct-19 Received: 16-Oct-19									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EJ91604	16-Oct-19	16-Oct-19	H&P TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	71	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
Tertiary-butyl alcohol (TBA)	ND	31	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
Carbon disulfide	ND	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	36	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
2-Butanone (MEK)	ND	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Diisopropyl ether (DIPE)	ND	42	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
Ethyl tert-butyl ether (ETBE)	ND	42	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Tertiary-amyl methyl ether (TAME)	ND	42	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,2-Dichloropropane	ND	47	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-2-5 (E910063-03) Vapor Sampled: 16-Oct-19 Received: 16-Oct-19									
4-Methyl-2-pentanone (MIBK)	ND	41	ug/m3	1	EJ91604	16-Oct-19	16-Oct-19	H&P TO-15	
trans-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	41	"	"	"	"	"	"	
Dibromochloromethane	ND	86	"	"	"	"	"	"	
Tetrachloroethene	ND	34	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	39	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Chlorobenzene	ND	23	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
Styrene	ND	43	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	61	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Hexachlorobutadiene	ND	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*		*67-141*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*87.5 %*		*56-127*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

CEB-2-20 (E910063-04) Vapor Sampled: 16-Oct-19 Received: 16-Oct-19

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EJ91604	16-Oct-19	16-Oct-19	H&P TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	71	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
Tertiary-butyl alcohol (TBA)	ND	31	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
Carbon disulfide	ND	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	36	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
2-Butanone (MEK)	ND	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Diisopropyl ether (DIPE)	ND	42	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
Ethyl tert-butyl ether (ETBE)	ND	42	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**93**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Tertiary-amyl methyl ether (TAME)	ND	42	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,2-Dichloropropane	ND	47	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
Toluene	**97**	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	41	"	"	"	"	"	"	
Dibromochloromethane	ND	86	"	"	"	"	"	"	
Tetrachloroethene	ND	34	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	39	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-2-20 (E910063-04) Vapor Sampled: 16-Oct-19 Received: 16-Oct-19									
1,1,1,2-Tetrachloroethane	ND	70	ug/m3	1	EJ91604	16-Oct-19	16-Oct-19	H&P TO-15	
Chlorobenzene	ND	23	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	**66**	44	"	"	"	"	"	"	
Styrene	ND	43	"	"	"	"	"	"	
o-Xylene	**38**	22	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	61	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Hexachlorobutadiene	ND	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*117 %*		*67-141*	"	"	"	"	
Surrogate: Toluene-d8		*105 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.3 %*		*56-127*	"	"	"	"	
CEB-3-5 (E910063-05) Vapor Sampled: 16-Oct-19 Received: 16-Oct-19									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EJ91604	16-Oct-19	16-Oct-19	H&P TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	71	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
Tertiary-butyl alcohol (TBA)	ND	31	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
Carbon disulfide	ND	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	36	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-3-5 (E910063-05) Vapor Sampled: 16-Oct-19 Received: 16-Oct-19									
1,1-Dichloroethane	ND	41	ug/m3	1	EJ91604	16-Oct-19	16-Oct-19	H&P TO-15	
2-Butanone (MEK)	ND	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Diisopropyl ether (DIPE)	ND	42	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
Ethyl tert-butyl ether (ETBE)	ND	42	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**25**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Tertiary-amyl methyl ether (TAME)	ND	42	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,2-Dichloropropane	ND	47	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
Toluene	**60**	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	41	"	"	"	"	"	"	
Dibromochloromethane	ND	86	"	"	"	"	"	"	
Tetrachloroethene	ND	34	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	39	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Chlorobenzene	ND	23	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	**47**	44	"	"	"	"	"	"	
Styrene	ND	43	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	61	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-3-5 (E910063-05) Vapor Sampled: 16-Oct-19 Received: 16-Oct-19									
1,2,4-Trichlorobenzene	ND	75	ug/m3	1	EJ91604	16-Oct-19	16-Oct-19	H&P TO-15	
Hexachlorobutadiene	ND	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*109 %*		*67-141*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.8 %*		*56-127*	"	"	"	"	
CEB-3-5 REP (E910063-06) Vapor Sampled: 16-Oct-19 Received: 16-Oct-19									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EJ91604	16-Oct-19	16-Oct-19	H&P TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	71	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
Tertiary-butyl alcohol (TBA)	ND	31	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
Carbon disulfide	ND	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	36	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
2-Butanone (MEK)	ND	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Diisopropyl ether (DIPE)	ND	42	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
Ethyl tert-butyl ether (ETBE)	ND	42	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**39**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Tertiary-amyl methyl ether (TAME)	ND	42	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,2-Dichloropropane	ND	47	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-3-5 REP (E910063-06) Vapor Sampled: 16-Oct-19 Received: 16-Oct-19									
4-Methyl-2-pentanone (MIBK)	ND	41	ug/m3	1	EJ91604	16-Oct-19	16-Oct-19	H&P TO-15	
trans-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
Toluene	**63**	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	41	"	"	"	"	"	"	
Dibromochloromethane	ND	86	"	"	"	"	"	"	
Tetrachloroethene	ND	34	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	39	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Chlorobenzene	ND	23	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	**44**	44	"	"	"	"	"	"	
Styrene	ND	43	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	61	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Hexachlorobutadiene	ND	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*119 %*		*67-141*	"	"	"	"	
Surrogate: Toluene-d8		*101 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*83.7 %*		*56-127*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-3-15 (E910063-07) Vapor Sampled: 16-Oct-19 Received: 16-Oct-19									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EJ91604	16-Oct-19	16-Oct-19	H&P TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	71	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
Tertiary-butyl alcohol (TBA)	ND	31	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
Carbon disulfide	ND	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	36	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
2-Butanone (MEK)	ND	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Diisopropyl ether (DIPE)	ND	42	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
Ethyl tert-butyl ether (ETBE)	ND	42	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**53**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Tertiary-amyl methyl ether (TAME)	ND	42	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,2-Dichloropropane	ND	47	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
Toluene	**79**	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	41	"	"	"	"	"	"	
Dibromochloromethane	ND	86	"	"	"	"	"	"	
Tetrachloroethene	ND	34	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	39	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-3-15 (E910063-07) Vapor Sampled: 16-Oct-19 Received: 16-Oct-19									
1,1,1,2-Tetrachloroethane	ND	70	ug/m3	1	EJ91604	16-Oct-19	16-Oct-19	H&P TO-15	
Chlorobenzene	ND	23	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
Styrene	ND	43	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	61	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Hexachlorobutadiene	ND	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*128 %*		*67-141*	"	"	"	"	
Surrogate: Toluene-d8		*103 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92.4 %*		*56-127*	"	"	"	"	
CEB-4-5 (E910063-08) Vapor Sampled: 16-Oct-19 Received: 16-Oct-19									
1,1-Difluoroethane (LCC)	ND	270	ug/m3	10	EJ91604	16-Oct-19	16-Oct-19	H&P TO-15	
Dichlorodifluoromethane (F12)	ND	500	"	"	"	"	"	"	
Chloromethane	ND	210	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	710	"	"	"	"	"	"	
Vinyl chloride	ND	130	"	"	"	"	"	"	
Bromomethane	ND	390	"	"	"	"	"	"	
Chloroethane	ND	270	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	560	"	"	"	"	"	"	
1,1-Dichloroethene	ND	200	"	"	"	"	"	"	
Tertiary-butyl alcohol (TBA)	ND	310	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	770	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	350	"	"	"	"	"	"	
Carbon disulfide	ND	320	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	400	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	360	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-4-5 (E910063-08) Vapor Sampled: 16-Oct-19 Received: 16-Oct-19									
1,1-Dichloroethane	ND	410	ug/m3	10	EJ91604	16-Oct-19	16-Oct-19	H&P TO-15	
2-Butanone (MEK)	ND	600	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	400	"	"	"	"	"	"	
Diisopropyl ether (DIPE)	ND	420	"	"	"	"	"	"	
Chloroform	ND	250	"	"	"	"	"	"	
Ethyl tert-butyl ether (ETBE)	ND	420	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	280	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	210	"	"	"	"	"	"	
Benzene	ND	160	"	"	"	"	"	"	
Carbon tetrachloride	ND	130	"	"	"	"	"	"	
Tertiary-amyl methyl ether (TAME)	ND	420	"	"	"	"	"	"	
Trichloroethene	ND	270	"	"	"	"	"	"	
1,2-Dichloropropane	ND	470	"	"	"	"	"	"	
Bromodichloromethane	ND	680	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	460	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	410	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	460	"	"	"	"	"	"	
Toluene	**30000**	380	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	550	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	410	"	"	"	"	"	"	
Dibromochloromethane	ND	860	"	"	"	"	"	"	
Tetrachloroethene	ND	340	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	390	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	700	"	"	"	"	"	"	
Chlorobenzene	ND	230	"	"	"	"	"	"	
Ethylbenzene	**6700**	220	"	"	"	"	"	"	
m,p-Xylene	**29000**	440	"	"	"	"	"	"	
Styrene	ND	430	"	"	"	"	"	"	
o-Xylene	**8900**	220	"	"	"	"	"	"	
Bromoform	ND	1000	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	700	"	"	"	"	"	"	
4-Ethyltoluene	**4200**	500	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	500	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**2800**	500	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	610	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	610	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	610	"	"	"	"	"	"	
Naphthalene	ND	270	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-4-5 (E910063-08) Vapor Sampled: 16-Oct-19 Received: 16-Oct-19									
1,2,4-Trichlorobenzene	ND	750	ug/m3	10	EJ91604	16-Oct-19	16-Oct-19	H&P TO-15	
Hexachlorobutadiene	ND	1100	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*67-141*		*"*	*"*	*"*	*"*	
Surrogate: Toluene-d8		*104 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*70.3 %*	*56-127*		*"*	*"*	*"*	*"*	
CEB-4-15 (E910063-09) Vapor Sampled: 16-Oct-19 Received: 16-Oct-19									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EJ91604	16-Oct-19	16-Oct-19	H&P TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	71	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
Tertiary-butyl alcohol (TBA)	ND	31	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
Carbon disulfide	ND	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	36	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
2-Butanone (MEK)	ND	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Diisopropyl ether (DIPE)	ND	42	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
Ethyl tert-butyl ether (ETBE)	ND	42	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Tertiary-amyl methyl ether (TAME)	ND	42	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,2-Dichloropropane	ND	47	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-4-15 (E910063-09) Vapor Sampled: 16-Oct-19 Received: 16-Oct-19									
4-Methyl-2-pentanone (MIBK)	ND	41	ug/m3	1	EJ91604	16-Oct-19	16-Oct-19	H&P TO-15	
trans-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
Toluene	**520**	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	41	"	"	"	"	"	"	
Dibromochloromethane	ND	86	"	"	"	"	"	"	
Tetrachloroethene	ND	34	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	39	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Chlorobenzene	ND	23	"	"	"	"	"	"	
Ethylbenzene	**270**	22	"	"	"	"	"	"	
m,p-Xylene	**1400**	44	"	"	"	"	"	"	
Styrene	ND	43	"	"	"	"	"	"	
o-Xylene	**510**	22	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
4-Ethyltoluene	**430**	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**160**	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	61	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Hexachlorobutadiene	ND	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*119 %*		*67-141*	"	"	"	"	
Surrogate: Toluene-d8		*106 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.0 %*		*56-127*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-5-5 (E910063-10) Vapor Sampled: 16-Oct-19 Received: 16-Oct-19									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EJ91604	16-Oct-19	16-Oct-19	H&P TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	71	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
Tertiary-butyl alcohol (TBA)	ND	31	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
Carbon disulfide	ND	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	36	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
2-Butanone (MEK)	ND	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Diisopropyl ether (DIPE)	ND	42	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
Ethyl tert-butyl ether (ETBE)	ND	42	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Tertiary-amyl methyl ether (TAME)	ND	42	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,2-Dichloropropane	ND	47	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	41	"	"	"	"	"	"	
Dibromochloromethane	ND	86	"	"	"	"	"	"	
Tetrachloroethene	ND	34	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	39	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-5-5 (E910063-10) Vapor Sampled: 16-Oct-19 Received: 16-Oct-19									
1,1,1,2-Tetrachloroethane	ND	70	ug/m3	1	EJ91604	16-Oct-19	16-Oct-19	H&P TO-15	
Chlorobenzene	ND	23	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
Styrene	ND	43	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	61	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Hexachlorobutadiene	ND	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*112 %*		*67-141*	"	"	"	"	
Surrogate: Toluene-d8		*103 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*		*56-127*	"	"	"	"	
CEB-5-15 (E910063-11) Vapor Sampled: 16-Oct-19 Received: 16-Oct-19									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EJ91604	16-Oct-19	16-Oct-19	H&P TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	71	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
Tertiary-butyl alcohol (TBA)	ND	31	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
Carbon disulfide	**95**	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	36	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-5-15 (E910063-11) Vapor Sampled: 16-Oct-19 Received: 16-Oct-19									
1,1-Dichloroethane	ND	41	ug/m3	1	EJ91604	16-Oct-19	16-Oct-19	H&P TO-15	
2-Butanone (MEK)	ND	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Diisopropyl ether (DIPE)	ND	42	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
Ethyl tert-butyl ether (ETBE)	ND	42	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**30**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Tertiary-amyl methyl ether (TAME)	ND	42	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,2-Dichloropropane	ND	47	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
Toluene	**78**	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	41	"	"	"	"	"	"	
Dibromochloromethane	ND	86	"	"	"	"	"	"	
Tetrachloroethene	ND	34	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	39	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Chlorobenzene	ND	23	"	"	"	"	"	"	
Ethylbenzene	**61**	22	"	"	"	"	"	"	
m,p-Xylene	**92**	44	"	"	"	"	"	"	
Styrene	ND	43	"	"	"	"	"	"	
o-Xylene	**29**	22	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	61	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-5-15 (E910063-11) Vapor Sampled: 16-Oct-19 Received: 16-Oct-19									
1,2,4-Trichlorobenzene	ND	75	ug/m3	1	EJ91604	16-Oct-19	16-Oct-19	H&P TO-15	
Hexachlorobutadiene	ND	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*115 %*		*67-141*		*"*	*"*	*"*	*"*
Surrogate: Toluene-d8		*97.0 %*		*75-125*		*"*	*"*	*"*	*"*
Surrogate: 4-Bromofluorobenzene		*97.3 %*		*56-127*		*"*	*"*	*"*	*"*
CEB-6-7 (E910063-12) Vapor Sampled: 16-Oct-19 Received: 16-Oct-19									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EJ91604	16-Oct-19	16-Oct-19	H&P TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	71	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
Tertiary-butyl alcohol (TBA)	ND	31	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
Carbon disulfide	ND	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	36	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
2-Butanone (MEK)	ND	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Diisopropyl ether (DIPE)	ND	42	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
Ethyl tert-butyl ether (ETBE)	ND	42	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Tertiary-amyl methyl ether (TAME)	ND	42	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,2-Dichloropropane	ND	47	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-6-7 (E910063-12) Vapor Sampled: 16-Oct-19 Received: 16-Oct-19									
4-Methyl-2-pentanone (MIBK)	ND	41	ug/m3	1	EJ91604	16-Oct-19	16-Oct-19	H&P TO-15	
trans-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	41	"	"	"	"	"	"	
Dibromochloromethane	ND	86	"	"	"	"	"	"	
Tetrachloroethene	**92**	34	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	39	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Chlorobenzene	ND	23	"	"	"	"	"	"	
Ethylbenzene	**32**	22	"	"	"	"	"	"	
m,p-Xylene	**46**	44	"	"	"	"	"	"	
Styrene	ND	43	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	61	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Hexachlorobutadiene	ND	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*113 %*		*67-141*	"	"	"	"	
Surrogate: Toluene-d8		*103 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*87.4 %*		*56-127*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-7-5 (E910068-01) Vapor Sampled: 17-Oct-19 Received: 17-Oct-19									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EJ91702	17-Oct-19	17-Oct-19	H&P TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	71	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
Tertiary-butyl alcohol (TBA)	ND	31	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
Carbon disulfide	ND	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	36	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
2-Butanone (MEK)	ND	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Diisopropyl ether (DIPE)	ND	42	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
Ethyl tert-butyl ether (ETBE)	ND	42	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Tertiary-amyl methyl ether (TAME)	ND	42	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,2-Dichloropropane	ND	47	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	41	"	"	"	"	"	"	
Dibromochloromethane	ND	86	"	"	"	"	"	"	
Tetrachloroethene	**770**	34	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	39	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-7-5 (E910068-01) Vapor Sampled: 17-Oct-19 Received: 17-Oct-19									
1,1,1,2-Tetrachloroethane	ND	70	ug/m3	1	EJ91702	17-Oct-19	17-Oct-19	H&P TO-15	
Chlorobenzene	ND	23	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
Styrene	ND	43	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	61	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Hexachlorobutadiene	ND	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*127 %*		*67-141*	"	"	"	"	
Surrogate: Toluene-d8		*104 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*59.9 %*		*56-127*	"	"	"	"	
CEB-8-5 (E910068-02) Vapor Sampled: 17-Oct-19 Received: 17-Oct-19									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EJ91702	17-Oct-19	17-Oct-19	H&P TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	71	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
Tertiary-butyl alcohol (TBA)	ND	31	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
Carbon disulfide	ND	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	36	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-8-5 (E910068-02) Vapor Sampled: 17-Oct-19 Received: 17-Oct-19									
1,1-Dichloroethane	ND	41	ug/m3	1	EJ91702	17-Oct-19	17-Oct-19	H&P TO-15	
2-Butanone (MEK)	ND	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Diisopropyl ether (DIPE)	ND	42	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
Ethyl tert-butyl ether (ETBE)	ND	42	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**20**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Tertiary-amyl methyl ether (TAME)	ND	42	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,2-Dichloropropane	ND	47	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
Toluene	**45**	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	41	"	"	"	"	"	"	
Dibromochloromethane	ND	86	"	"	"	"	"	"	
Tetrachloroethene	ND	34	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	39	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Chlorobenzene	ND	23	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	**50**	44	"	"	"	"	"	"	
Styrene	ND	43	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	61	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-8-5 (E910068-02) Vapor Sampled: 17-Oct-19 Received: 17-Oct-19									
1,2,4-Trichlorobenzene	ND	75	ug/m3	1	EJ91702	17-Oct-19	17-Oct-19	H&P TO-15	
Hexachlorobutadiene	ND	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*127 %*		*67-141*	"	"	"	"	
Surrogate: Toluene-d8		*98.7 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*70.2 %*		*56-127*	"	"	"	"	
CEB-9-5 (E910068-03) Vapor Sampled: 17-Oct-19 Received: 17-Oct-19									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EJ91702	17-Oct-19	17-Oct-19	H&P TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	71	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
Tertiary-butyl alcohol (TBA)	ND	31	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
Carbon disulfide	ND	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	36	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
2-Butanone (MEK)	ND	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Diisopropyl ether (DIPE)	ND	42	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
Ethyl tert-butyl ether (ETBE)	ND	42	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Tertiary-amyl methyl ether (TAME)	ND	42	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,2-Dichloropropane	ND	47	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-9-5 (E910068-03) Vapor Sampled: 17-Oct-19 Received: 17-Oct-19									
4-Methyl-2-pentanone (MIBK)	ND	41	ug/m3	1	EJ91702	17-Oct-19	17-Oct-19	H&P TO-15	
trans-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	41	"	"	"	"	"	"	
Dibromochloromethane	ND	86	"	"	"	"	"	"	
Tetrachloroethene	**130**	34	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	39	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Chlorobenzene	ND	23	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
Styrene	ND	43	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	61	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Hexachlorobutadiene	ND	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*134 %*		*67-141*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*79.0 %*		*56-127*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

CEB-9-5 REP (E910068-04) Vapor Sampled: 17-Oct-19 Received: 17-Oct-19

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EJ91702	17-Oct-19	17-Oct-19	H&P TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	71	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
Tertiary-butyl alcohol (TBA)	ND	31	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
Carbon disulfide	ND	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	36	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
2-Butanone (MEK)	ND	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Diisopropyl ether (DIPE)	ND	42	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
Ethyl tert-butyl ether (ETBE)	ND	42	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Tertiary-amyl methyl ether (TAME)	ND	42	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,2-Dichloropropane	ND	47	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	41	"	"	"	"	"	"	
Dibromochloromethane	ND	86	"	"	"	"	"	"	
Tetrachloroethene	**120**	34	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	39	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-9-5 REP (E910068-04) Vapor Sampled: 17-Oct-19 Received: 17-Oct-19									
1,1,1,2-Tetrachloroethane	ND	70	ug/m3	1	EJ91702	17-Oct-19	17-Oct-19	H&P TO-15	
Chlorobenzene	ND	23	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
Styrene	ND	43	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	61	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Hexachlorobutadiene	ND	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*140 %*		*67-141*	"	"	"	"	
Surrogate: Toluene-d8		*100 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*76.9 %*		*56-127*	"	"	"	"	
CEB-10-7 (E910068-05) Vapor Sampled: 17-Oct-19 Received: 17-Oct-19									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EJ91702	17-Oct-19	17-Oct-19	H&P TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	71	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
Tertiary-butyl alcohol (TBA)	ND	31	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
Carbon disulfide	ND	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	36	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-10-7 (E910068-05) Vapor Sampled: 17-Oct-19 Received: 17-Oct-19									
1,1-Dichloroethane	ND	41	ug/m3	1	EJ91702	17-Oct-19	17-Oct-19	H&P TO-15	
2-Butanone (MEK)	ND	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Diisopropyl ether (DIPE)	ND	42	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
Ethyl tert-butyl ether (ETBE)	ND	42	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Tertiary-amyl methyl ether (TAME)	ND	42	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,2-Dichloropropane	ND	47	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	41	"	"	"	"	"	"	
Dibromochloromethane	ND	86	"	"	"	"	"	"	
Tetrachloroethene	ND	34	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	39	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Chlorobenzene	ND	23	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
Styrene	ND	43	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	61	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-10-7 (E910068-05) Vapor Sampled: 17-Oct-19 Received: 17-Oct-19									
1,2,4-Trichlorobenzene	ND	75	ug/m3	1	EJ91702	17-Oct-19	17-Oct-19	H&P TO-15	
Hexachlorobutadiene	ND	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*138 %*		*67-141*	"	"	"	"	
Surrogate: Toluene-d8		*100 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.0 %*		*56-127*	"	"	"	"	
CEB-15-5 (E910068-06) Vapor Sampled: 17-Oct-19 Received: 17-Oct-19									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EJ91702	17-Oct-19	17-Oct-19	H&P TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	71	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
Tertiary-butyl alcohol (TBA)	ND	31	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
Carbon disulfide	ND	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	36	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
2-Butanone (MEK)	ND	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Diisopropyl ether (DIPE)	ND	42	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
Ethyl tert-butyl ether (ETBE)	ND	42	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**19**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Tertiary-amyl methyl ether (TAME)	ND	42	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,2-Dichloropropane	ND	47	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-15-5 (E910068-06) Vapor Sampled: 17-Oct-19 Received: 17-Oct-19									
4-Methyl-2-pentanone (MIBK)	ND	41	ug/m3	1	EJ91702	17-Oct-19	17-Oct-19	H&P TO-15	
trans-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
Toluene	**39**	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	41	"	"	"	"	"	"	
Dibromochloromethane	ND	86	"	"	"	"	"	"	
Tetrachloroethene	ND	34	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	39	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Chlorobenzene	ND	23	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
Styrene	ND	43	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	61	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Hexachlorobutadiene	ND	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*120 %*		*67-141*	"	"	"	"	
Surrogate: Toluene-d8		*107 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*80.4 %*		*56-127*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-12-5 (E910068-07) Vapor Sampled: 17-Oct-19 Received: 17-Oct-19									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EJ91702	17-Oct-19	17-Oct-19	H&P TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	71	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
Tertiary-butyl alcohol (TBA)	ND	31	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
Carbon disulfide	ND	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	36	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
2-Butanone (MEK)	ND	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Diisopropyl ether (DIPE)	ND	42	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
Ethyl tert-butyl ether (ETBE)	ND	42	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**25**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Tertiary-amyl methyl ether (TAME)	ND	42	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,2-Dichloropropane	ND	47	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
Toluene	**81**	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	41	"	"	"	"	"	"	
Dibromochloromethane	ND	86	"	"	"	"	"	"	
Tetrachloroethene	ND	34	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	39	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-12-5 (E910068-07) Vapor Sampled: 17-Oct-19 Received: 17-Oct-19									
1,1,1,2-Tetrachloroethane	ND	70	ug/m3	1	EJ91702	17-Oct-19	17-Oct-19	H&P TO-15	
Chlorobenzene	ND	23	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
Styrene	ND	43	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	61	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Hexachlorobutadiene	ND	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*139 %*		*67-141*	"	"	"	"	
Surrogate: Toluene-d8		*105 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*85.5 %*		*56-127*	"	"	"	"	
CEB-11-5 (E910068-08) Vapor Sampled: 17-Oct-19 Received: 17-Oct-19									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EJ91702	17-Oct-19	17-Oct-19	H&P TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	71	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
Tertiary-butyl alcohol (TBA)	ND	31	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
Carbon disulfide	ND	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	36	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-11-5 (E910068-08) Vapor Sampled: 17-Oct-19 Received: 17-Oct-19									
1,1-Dichloroethane	ND	41	ug/m3	1	EJ91702	17-Oct-19	17-Oct-19	H&P TO-15	
2-Butanone (MEK)	ND	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Diisopropyl ether (DIPE)	ND	42	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
Ethyl tert-butyl ether (ETBE)	ND	42	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Tertiary-amyl methyl ether (TAME)	ND	42	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,2-Dichloropropane	ND	47	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	41	"	"	"	"	"	"	
Dibromochloromethane	ND	86	"	"	"	"	"	"	
Tetrachloroethene	ND	34	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	39	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Chlorobenzene	ND	23	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
Styrene	ND	43	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	61	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-11-5 (E910068-08) Vapor Sampled: 17-Oct-19 Received: 17-Oct-19									
1,2,4-Trichlorobenzene	ND	75	ug/m3	1	EJ91702	17-Oct-19	17-Oct-19	H&P TO-15	
Hexachlorobutadiene	ND	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*136 %*		*67-141*		*"*	*"*	*"*	*"*	
Surrogate: Toluene-d8		*102 %*		*75-125*		*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*79.6 %*		*56-127*		*"*	*"*	*"*	*"*	
CEB-13-5 (E910068-09) Vapor Sampled: 17-Oct-19 Received: 17-Oct-19									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EJ91702	17-Oct-19	17-Oct-19	H&P TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	71	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
Tertiary-butyl alcohol (TBA)	ND	31	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
Carbon disulfide	ND	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	36	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
2-Butanone (MEK)	ND	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Diisopropyl ether (DIPE)	ND	42	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
Ethyl tert-butyl ether (ETBE)	ND	42	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Tertiary-amyl methyl ether (TAME)	ND	42	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,2-Dichloropropane	ND	47	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-13-5 (E910068-09) Vapor Sampled: 17-Oct-19 Received: 17-Oct-19									
4-Methyl-2-pentanone (MIBK)	ND	41	ug/m3	1	EJ91702	17-Oct-19	17-Oct-19	H&P TO-15	
trans-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	41	"	"	"	"	"	"	
Dibromochloromethane	ND	86	"	"	"	"	"	"	
Tetrachloroethene	ND	34	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	39	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Chlorobenzene	ND	23	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
Styrene	ND	43	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	61	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Hexachlorobutadiene	ND	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*136 %*		*67-141*	"	"	"	"	
Surrogate: Toluene-d8		*103 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*78.6 %*		*56-127*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-13-17 (E910068-10) Vapor Sampled: 17-Oct-19 Received: 17-Oct-19									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EJ91702	17-Oct-19	17-Oct-19	H&P TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	71	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
Tertiary-butyl alcohol (TBA)	ND	31	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
Carbon disulfide	ND	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	36	"	"	"	"	"	"	
1,1-Dichloroethane	ND	41	"	"	"	"	"	"	
2-Butanone (MEK)	ND	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Diisopropyl ether (DIPE)	ND	42	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
Ethyl tert-butyl ether (ETBE)	ND	42	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Tertiary-amyl methyl ether (TAME)	ND	42	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,2-Dichloropropane	ND	47	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
Toluene	**98**	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	41	"	"	"	"	"	"	
Dibromochloromethane	ND	86	"	"	"	"	"	"	
Tetrachloroethene	ND	34	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	39	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-13-17 (E910068-10) Vapor Sampled: 17-Oct-19 Received: 17-Oct-19									
1,1,1,2-Tetrachloroethane	ND	70	ug/m3	1	EJ91702	17-Oct-19	17-Oct-19	H&P TO-15	
Chlorobenzene	ND	23	"	"	"	"	"	"	
Ethylbenzene	**44**	22	"	"	"	"	"	"	
m,p-Xylene	**63**	44	"	"	"	"	"	"	
Styrene	ND	43	"	"	"	"	"	"	
o-Xylene	**26**	22	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	61	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	75	"	"	"	"	"	"	
Hexachlorobutadiene	ND	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*140 %*		*67-141*	"	"	"	"	
Surrogate: Toluene-d8		*104 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*83.6 %*		*56-127*	"	"	"	"	
CEB-14-5 (E910068-11) Vapor Sampled: 17-Oct-19 Received: 17-Oct-19									
1,1-Difluoroethane (LCC)	ND	27	ug/m3	1	EJ91702	17-Oct-19	17-Oct-19	H&P TO-15	
Dichlorodifluoromethane (F12)	ND	50	"	"	"	"	"	"	
Chloromethane	ND	21	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	71	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	39	"	"	"	"	"	"	
Chloroethane	ND	27	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	56	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
Tertiary-butyl alcohol (TBA)	ND	31	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	35	"	"	"	"	"	"	
Carbon disulfide	ND	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	36	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-14-5 (E910068-11) Vapor Sampled: 17-Oct-19 Received: 17-Oct-19									
1,1-Dichloroethane	ND	41	ug/m3	1	EJ91702	17-Oct-19	17-Oct-19	H&P TO-15	
2-Butanone (MEK)	ND	60	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
Diisopropyl ether (DIPE)	ND	42	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
Ethyl tert-butyl ether (ETBE)	ND	42	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	ND	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	13	"	"	"	"	"	"	
Tertiary-amyl methyl ether (TAME)	ND	42	"	"	"	"	"	"	
Trichloroethene	ND	27	"	"	"	"	"	"	
1,2-Dichloropropane	ND	47	"	"	"	"	"	"	
Bromodichloromethane	ND	68	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	46	"	"	"	"	"	"	
Toluene	ND	38	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	55	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	41	"	"	"	"	"	"	
Dibromochloromethane	ND	86	"	"	"	"	"	"	
Tetrachloroethene	ND	34	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	39	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
Chlorobenzene	ND	23	"	"	"	"	"	"	
Ethylbenzene	ND	22	"	"	"	"	"	"	
m,p-Xylene	ND	44	"	"	"	"	"	"	
Styrene	ND	43	"	"	"	"	"	"	
o-Xylene	ND	22	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	70	"	"	"	"	"	"	
4-Ethyltoluene	ND	50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	61	"	"	"	"	"	"	
Naphthalene	ND	27	"	"	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
CEB-14-5 (E910068-11) Vapor Sampled: 17-Oct-19 Received: 17-Oct-19									
1,2,4-Trichlorobenzene	ND	75	ug/m3	1	EJ91702	17-Oct-19	17-Oct-19	H&P TO-15	
Hexachlorobutadiene	ND	110	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*137 %*		*67-141*	"	"	"	"	
Surrogate: Toluene-d8		*99.7 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*84.7 %*		*56-127*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EJ91604 - TO-15										
Blank (EJ91604-BLK1)				Prepared & Analyzed: 16-Oct-19						
1,1-Difluoroethane (LCC)	ND	27	ug/m3							
Dichlorodifluoromethane (F12)	ND	50	"							
Chloromethane	ND	21	"							
Dichlorotetrafluoroethane (F114)	ND	71	"							
Vinyl chloride	ND	13	"							
Bromomethane	ND	39	"							
Chloroethane	ND	27	"							
Trichlorofluoromethane (F11)	ND	56	"							
1,1-Dichloroethene	ND	20	"							
Tertiary-butyl alcohol (TBA)	ND	31	"							
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"							
Methylene chloride (Dichloromethane)	ND	35	"							
Carbon disulfide	ND	32	"							
trans-1,2-Dichloroethene	ND	40	"							
Methyl tertiary-butyl ether (MTBE)	ND	36	"							
1,1-Dichloroethane	ND	41	"							
2-Butanone (MEK)	ND	60	"							
cis-1,2-Dichloroethene	ND	40	"							
Diisopropyl ether (DIPE)	ND	42	"							
Chloroform	ND	25	"							
Ethyl tert-butyl ether (ETBE)	ND	42	"							
1,1,1-Trichloroethane	ND	28	"							
1,2-Dichloroethane (EDC)	ND	21	"							
Benzene	ND	16	"							
Carbon tetrachloride	ND	13	"							
Tertiary-amyl methyl ether (TAME)	ND	42	"							
Trichloroethene	ND	27	"							
1,2-Dichloropropane	ND	47	"							
Bromodichloromethane	ND	68	"							
cis-1,3-Dichloropropene	ND	46	"							
4-Methyl-2-pentanone (MIBK)	ND	41	"							
trans-1,3-Dichloropropene	ND	46	"							
Toluene	ND	38	"							
1,1,2-Trichloroethane	ND	55	"							

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EJ91604 - TO-15										
Blank (EJ91604-BLK1)				Prepared & Analyzed: 16-Oct-19						
2-Hexanone (MBK)	ND	41	ug/m3							
Dibromochloromethane	ND	86	"							
Tetrachloroethene	ND	34	"							
1,2-Dibromoethane (EDB)	ND	39	"							
1,1,1,2-Tetrachloroethane	ND	70	"							
Chlorobenzene	ND	23	"							
Ethylbenzene	ND	22	"							
m,p-Xylene	ND	44	"							
Styrene	ND	43	"							
o-Xylene	ND	22	"							
Bromoform	ND	100	"							
1,1,2,2-Tetrachloroethane	ND	70	"							
4-Ethyltoluene	ND	50	"							
1,3,5-Trimethylbenzene	ND	50	"							
1,2,4-Trimethylbenzene	ND	50	"							
1,3-Dichlorobenzene	ND	61	"							
1,4-Dichlorobenzene	ND	61	"							
1,2-Dichlorobenzene	ND	61	"							
Naphthalene	ND	27	"							
1,2,4-Trichlorobenzene	ND	75	"							
Hexachlorobutadiene	ND	110	"							
Surrogate: 1,2-Dichloroethane-d4	*1040*		*"*	*886*		*117*	*67-141*			
Surrogate: Toluene-d8	*865*		*"*	*864*		*100*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*1290*		*"*	*1540*		*83.9*	*56-127*			
LCS (EJ91604-BS1)				Prepared & Analyzed: 16-Oct-19						
Dichlorodifluoromethane (F12)	280	50	ug/m3	250		111	65-135			
Vinyl chloride	120	13	"	130		96.1	65-135			
Chloroethane	150	27	"	134		114	65-135			
Trichlorofluoromethane (F11)	360	56	"	283		129	65-135			
1,1-Dichloroethene	210	20	"	202		106	65-135			
1,1,2-Trichlorotrifluoroethane (F113)	340	77	"	387		87.7	65-135			
Methylene chloride (Dichloromethane)	160	35	"	177		88.8	65-135			

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EJ91604 - TO-15										
LCS (EJ91604-BS1)				Prepared & Analyzed: 16-Oct-19						
trans-1,2-Dichloroethene	220	40	ug/m3	202		109	65-135			
1,1-Dichloroethane	200	41	"	206		98.5	65-135			
cis-1,2-Dichloroethene	210	40	"	202		106	65-135			
Chloroform	240	25	"	247		97.3	65-135			
1,1,1-Trichloroethane	280	28	"	276		100	65-135			
1,2-Dichloroethane (EDC)	250	21	"	206		120	65-135			
Benzene	140	16	"	162		87.8	65-135			
Carbon tetrachloride	340	13	"	320		108	65-135			
Trichloroethene	300	27	"	272		112	65-135			
Toluene	170	38	"	191		91.0	65-135			
1,1,2-Trichloroethane	240	55	"	276		87.3	65-135			
Tetrachloroethene	290	34	"	345		83.4	65-135			
1,1,1,2-Tetrachloroethane	330	70	"	349		94.7	65-135			
Ethylbenzene	170	22	"	220		78.6	65-135			
m,p-Xylene	380	44	"	440		85.8	65-135			
o-Xylene	200	22	"	220		91.9	65-135			
1,1,2,2-Tetrachloroethane	280	70	"	349		81.0	65-135			
Surrogate: 1,2-Dichloroethane-d4	*1010*		*"*	*886*		*114*	*67-141*			
Surrogate: Toluene-d8	*877*		*"*	*864*		*101*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*1120*		*"*	*1540*		*73.0*	*56-127*			
Batch EJ91702 - TO-15										
Blank (EJ91702-BLK1)				Prepared & Analyzed: 17-Oct-19						
1,1-Difluoroethane (LCC)	ND	27	ug/m3							
Dichlorodifluoromethane (F12)	ND	50	"							
Chloromethane	ND	21	"							
Dichlorotetrafluoroethane (F114)	ND	71	"							
Vinyl chloride	ND	13	"							
Bromomethane	ND	39	"							
Chloroethane	ND	27	"							
Trichlorofluoromethane (F11)	ND	56	"							
1,1-Dichloroethene	ND	20	"							

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EJ91702 - TO-15										
Blank (EJ91702-BLK1)				Prepared & Analyzed: 17-Oct-19						
Tertiary-butyl alcohol (TBA)	ND	31	ug/m3							
1,1,2-Trichlorotrifluoroethane (F113)	ND	77	"							
Methylene chloride (Dichloromethane)	ND	35	"							
Carbon disulfide	ND	32	"							
trans-1,2-Dichloroethene	ND	40	"							
Methyl tertiary-butyl ether (MTBE)	ND	36	"							
1,1-Dichloroethane	ND	41	"							
2-Butanone (MEK)	ND	60	"							
cis-1,2-Dichloroethene	ND	40	"							
Diisopropyl ether (DIPE)	ND	42	"							
Chloroform	ND	25	"							
Ethyl tert-butyl ether (ETBE)	ND	42	"							
1,1,1-Trichloroethane	ND	28	"							
1,2-Dichloroethane (EDC)	ND	21	"							
Benzene	ND	16	"							
Carbon tetrachloride	ND	13	"							
Tertiary-amyl methyl ether (TAME)	ND	42	"							
Trichloroethene	ND	27	"							
1,2-Dichloropropane	ND	47	"							
Bromodichloromethane	ND	68	"							
cis-1,3-Dichloropropene	ND	46	"							
4-Methyl-2-pentanone (MIBK)	ND	41	"							
trans-1,3-Dichloropropene	ND	46	"							
Toluene	ND	38	"							
1,1,2-Trichloroethane	ND	55	"							
2-Hexanone (MBK)	ND	41	"							
Dibromochloromethane	ND	86	"							
Tetrachloroethene	ND	34	"							
1,2-Dibromoethane (EDB)	ND	39	"							
1,1,1,2-Tetrachloroethane	ND	70	"							
Chlorobenzene	ND	23	"							
Ethylbenzene	ND	22	"							
m,p-Xylene	ND	44	"							
Styrene	ND	43	"							

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EJ91702 - TO-15										
Blank (EJ91702-BLK1)				Prepared & Analyzed: 17-Oct-19						
o-Xylene	ND	22	ug/m3							
Bromoform	ND	100	"							
1,1,2,2-Tetrachloroethane	ND	70	"							
4-Ethyltoluene	ND	50	"							
1,3,5-Trimethylbenzene	ND	50	"							
1,2,4-Trimethylbenzene	ND	50	"							
1,3-Dichlorobenzene	ND	61	"							
1,4-Dichlorobenzene	ND	61	"							
1,2-Dichlorobenzene	ND	61	"							
Naphthalene	ND	27	"							
1,2,4-Trichlorobenzene	ND	75	"							
Hexachlorobutadiene	ND	110	"							
Surrogate: 1,2-Dichloroethane-d4	*1010*		*"*	*886*		*114*	*67-141*			
Surrogate: Toluene-d8	*821*		*"*	*864*		*95.1*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*1370*		*"*	*1540*		*89.0*	*56-127*			
LCS (EJ91702-BS1)				Prepared & Analyzed: 17-Oct-19						
Dichlorodifluoromethane (F12)	260	50	ug/m3	250		102	65-135			
Vinyl chloride	100	13	"	130		77.1	65-135			
Chloroethane	140	27	"	134		105	65-135			
Trichlorofluoromethane (F11)	300	56	"	283		107	65-135			
1,1-Dichloroethene	200	20	"	202		99.3	65-135			
1,1,2-Trichlorotrifluoroethane (F113)	340	77	"	387		88.6	65-135			
Methylene chloride (Dichloromethane)	140	35	"	177		80.1	65-135			
trans-1,2-Dichloroethene	180	40	"	202		89.9	65-135			
1,1-Dichloroethane	190	41	"	206		90.3	65-135			
cis-1,2-Dichloroethene	180	40	"	202		87.2	65-135			
Chloroform	230	25	"	247		92.4	65-135			
1,1,1-Trichloroethane	270	28	"	276		98.3	65-135			
1,2-Dichloroethane (EDC)	210	21	"	206		101	65-135			
Benzene	140	16	"	162		86.7	65-135			
Carbon tetrachloride	340	13	"	320		106	65-135			
Trichloroethene	240	27	"	272		89.3	65-135			

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Volatile Organic Compounds by H&P Method TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EJ91702 - TO-15										
LCS (EJ91702-BS1)				Prepared & Analyzed: 17-Oct-19						
Toluene	140	38	ug/m3	191		74.7	65-135			
1,1,2-Trichloroethane	230	55	"	276		85.0	65-135			
Tetrachloroethene	260	34	"	345		75.5	65-135			
1,1,1,2-Tetrachloroethane	290	70	"	349		83.1	65-135			
Ethylbenzene	210	22	"	220		94.3	65-135			
m,p-Xylene	320	44	"	440		72.3	65-135			
o-Xylene	150	22	"	220		69.9	65-135			
1,1,2,2-Tetrachloroethane	290	70	"	349		83.0	65-135			
Surrogate: 1,2-Dichloroethane-d4	*1200*		*"*	*886*		*135*	*67-141*			
Surrogate: Toluene-d8	*910*		*"*	*864*		*105*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*1470*		*"*	*1540*		*95.6*	*56-127*			

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

California Environmental	Project: CE101619-A1	
30423 Canwood Street, Suite 208	Project Number: 3555 / 30102 Pacific Island Dr.	Reported:
Agoura Hills, CA 91301	Project Manager: Charlie Buckley	24-Oct-19 13:28

Notes and Definitions

LCC	Leak Check Compound
ND	Analyte NOT DETECTED at or above the reporting limit
MDL	Method Detection Limit
%REC	Percent Recovery
RPD	Relative Percent Difference

All soil results are reported in wet weight.

Appendix

H&P Mobile Geochemistry, Inc. is approved as an Environmental Testing Laboratory and Mobile Laboratory in accordance with the DoD-ELAP Program and ISO/IEC 17025:2005 programs through PJLA, accreditation number 69070 for EPA Method TO-15, H&P Method TO-15, EPA Method 8260B and H&P 8260SV.

H&P is approved by the State of California as an Environmental Laboratory and Mobile Laboratory in conformance with the Environmental Laboratory Accreditation Program (ELAP) for the category of Volatile and Semi-Volatile Organic Chemistry of Hazardous Waste, certification numbers 2740, 2741, 2743 & 2745.

H&P is approved by the State of Louisiana Department of Environmental Quality under the National Environmental Laboratory Accreditation Conference (NELAC) certification number 04138

The complete list of stationary and mobile laboratory certifications along with the fields of testing (FOTs) and analyte lists are available at www.handpmg.com/about/certifications.

Mobile Geochemistry, Inc.

2470 Impala Drive, Carlsbad, CA 92010
& Field Office - Signal Hill, CA
W handpmg.com E info@handpmg.com

VAPOR / AIR Chain of Custody

DATE: 10/17/19
Page 1 of

Lab Client and Project Information

Lab Client/Consultant: CALIFORNIA ENVIRONMENTAL	Project Name / #: 3555
Lab Client Project Manager: CHARLIE BUCKLEY	Project Location: 30102 PACIFIC ISLAND
Lab Client Address: 30423 CANWOOD ST #208	Report E-Mail(s):
Lab Client City, State, Zip: AGOURA HILLS, CA 91301	chuckley@calenviro.com
Phone Number: 818-903-6530	

Reporting Requirements
- [x] Standard Report ☐ Level III ☐ Level IV
- ☐ Excel EDD ☐ Other EDD:
- ☐ CA Geotracker Global ID:

Turnaround Time
- [x] **Standard** (7 days for preliminary report, 10 days for final report)
- ☐ **Rush** (specify):

Sampler Information
- Sampler(s): J. VANDERWAC
- Signature:
- Date: 10-17-19

Sample Receipt (Lab Use Only)

Date Rec'd:	Control #: 190898.01
H&P Project #: CF 101619-A1	
Lab Work Order #: E910068	
Sample Intact: ☐ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID:	Temp:
Outside Lab:	
Receipt Notes/Tracking #:	
Lab PM Initials:	

Additional Instructions to Laboratory:

* *Preferred VOC units (please choose one):*
☐ µg/L [x] µg/m³ ☐ ppbv ☐ ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc.	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☐ 8260SV [x] TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV [x] TO-15	Naphthalene ☐ 8260SV [x] TO-15	TPHv as Gas ☐ 8260SV/m ☐ TO-15m	Aromatic/Aliphatic Fractions ☐ 8260SV/m ☐ TO-15m	Leak Check Compound [x] DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2				
CEB-7-5		10.17.19	7:40	S.V	G.S	301		X		X	X			X						
CEB-8-5		10.17.19	08.11	S.V	G-S	199		X		X	X			X						
CEB-9-5		10.17.19	08:44	S.V	G-S	299		X		X	X			X						
CEB-9-5 Rep		10.17.19	9:12	S.V	G-S	298		X		X	X			X						
CEB-10-7		10.17.19	9:44	S.V	G-S	301		X		X	X			X						
CEB-15-5		10.17.19	10:15	S.V	G-S	299		X		X	X			X						
CEB-12-5		10.17.19	10:45	S.V	G-S	199		X		X	X			X						
CEB-11-5		10.17.19	11:14	S.V	G-S	301		X		X	X			X						
CEB-13-5		10.17.19	11:42	S.V	G-S	298		X		X	X			X						
CEB-13-17		10.17.19	12:03	S.V	G-S	301		X		X	X			X						

Approved/Relinquished by:	Company:	Date:	Time:	Received by: LOCKNEO	Company: H&P	Date: 10/17/19	Time: 1400
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

Mobile Geochemistry, Inc.
2470 Impala Drive, Carlsbad, CA 92010
& Field Office - Signal Hill, CA
W handpmg.com E info@handpmg.com

VAPOR / AIR Chain of Custody

DATE:_____
Page ____of_____

Lab Client and Project Information

Lab Client/Consultant: CALIFORNIA ENVIRONMENTAL	Project Name / #: 3555
Lab Client Project Manager: CHARLIE BUCKLEY	Project Location: 30102 PACIFIC ISLAND
Lab Client Address: 30423 CANWOOD ST #205	Report E-Mail(s): CBuckley@cdmnet.com
Lab Client City, State, Zip: AGOURA HILLS, CA 91301	
Phone Number: 818-905-6530	

Sample Receipt (Lab Use Only)

Date Rec'd:	Control #: 190898.01
H&P Project # CE101619-A1	
Lab Work Order # EQ10068	
Sample Intact: ☐ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID:	Temp:
Outside Lab:	
Receipt Notes/Tracking #:	
Lab PM Initials:	

Reporting Requirements

☑ Standard Report ☐ Level III ☐ Level IV
☐ Excel EDD ☐ Other EDD:_____
☐ CA Geotracker Global ID:_____

Turnaround Time

☑ **Standard** (7 days for preliminary report, 10 days for final report)
☐ **Rush** (specify):_____

Sampler Information

Sampler(s): S. VANDERWAL
Signature:
Date: 10-17-19

Additional Instructions to Laboratory:

* *Preferred VOC units (please choose one):*
☐ µg/L ☑ µg/m³ ☐ ppbv ☐ ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc.	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☐ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15	TPHv as Gas ☐ 8260SVm ☐ TO-15m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☐ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2				
CEB-14-5		10.17.19	1226	S.V	GS	299		X		X	X			X							

Approved/Relinquished by:	Company:	Date:	Time:	Received by: LOC PNGO	Company: H&P	Date: 10/17/19	Time: 1900
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

H&P Mobile Geochemistry Inc.

Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: CE101619-A1 Date: 10/16/2019

Site Address: 30102 PACIFIC ISLAND DR Page: 1 of 2

Consultant: CALIFORNIA ENVIRONMENTAL H&P Rep(s): LOC NGO

Consultant Rep(s): *CHARLIE BUCKLEY*

Reviewed: EC

Scanned: TTorres

Equipment Info
Inline Gauge ID#: T23
Pump ID#: 009

Purge Volume Information
PV Amount: 3PV PV Includes: ☐ Tubing ☑ Sand 40% ☑ Dry Bent 50%

Leak Check Compound ☑ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other:
A cloth saturated with LCC is placed around tubing connections and probe seal. This is done for all samples unless otherwise noted.

Resample Key:
RS = Resample
RD = for Dilution
RL = lor LCC fail

	Sample Information				Probe Specs							Purge & Collection Information						
	Point ID	Syringe ID	Sample Volume (cc)	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing OD (in.)	Sand Ht (in.)	Sand Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Shut In Test 60 sec (✓)	Leak Check (✓)	Purge Vol (mL)	Purge Flow Rate (mL/min)	Pump Time (min:sec)	Sample Flow Rate (mL/min)	ProbeVac ☐ Hg ☑ H_2O
1	CEB-1-5	199	50	1052	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	<200	0
2	CEB-1-13	301	50	1120	13	15	1/8	12	1.5	6	1.5	✓	✓	720	200	3:36	<200	0
3	CEB-2-5	305	50	1142	5	7	1/8	12	1.5	12	1.5	✓	✓	958	200	4:47	<200	6
4	CEB-2-20	299	50	1202	20	22	1/8	12	1.5	6	1.5	✓	✓	740	200	3:42	<200	0
5	CEB-3-5	298	50	1230	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	<200	0
6	CEB-3-5 DUP	199	50	1249	5	7	1/8	12	1.5	6	1.5	✓	✓	747	✓	✓	<200	0
7	CEB-3-15	299	50	1312	15	17	1/8	12	1.5	6	1.5	✓	✓	726	200	3:38	<200	0
8	CEB-4-5	301	50	1333	5	7	1/8	12	1.5	12	1.5	✓	✓	958	200	4:47	<200	0
9	CEB-4-15	305	50	1430	15	17	1/8	12	1.5	6	1.5	✓	✓	726	200	3:38	<200	40
10	CEB-4-5 RD	298	50	1355	5	7	1/8	12	1.5	6	1.5	✓	✓	1008	—	—	<200	0
11	CEB-5-5	305	50	1451	5	7	1/8	12	1.5	12	1.5	✓	✓	958	200	4:47	<200	-20
12	CEB-5-15	199	50	1515	15	17	1/8	12	1.5	6	1.5	✓	✓	726	200	3:38	<200	0

Site Notes such as weather, visitors, scope deviations, health & safety issues, etc. (When making sample specific notes, reference the line number above):

H&P Mobile Geochemistry Inc.

Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: CE101619-A1 Date: 10/16/2019

Site Address: 30102 PACIFIC ISLAND DR Page: 2 of 2

Consultant: CALIFORNIA ENVIRONMENTAL H&P Rep(s): LOC NGO

Consultant Rep(s): *CHARLIE BUCKLEY*

Reviewed: EC

Scanned: T Torres

Equipment Info
Inline Gauge ID#: T23
Pump ID#: J09

Purge Volume Information
PV Amount: 3PV PV Includes: ☑ Tubing ☑ Sand 40% ☑ Dry Bent 50%

Leak Check Compound ☑ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other:
A cloth saturated with LCC is placed around tubing connections and probe seal. This is done for all samples unless otherwise noted.

Resample Key:
RS = Resample
RD = for Dilution
RL = lor LCC fail

	Sample Information				Probe Specs							Purge & Collection Information						
	Point ID	Syringe ID	Sample Volume (cc)	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing OD (in.)	Sand Ht (in.)	Sand Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Shut In Test 60 sec (✓)	Leak Check (✓)	Purge Vol (mL)	Purge Flow Rate (mL/min)	Pump Time (min:sec)	Sample Flow Rate (mL/min)	ProbeVac ☐ Hg ☑ ~~H_2O~~
1	CEB-6-7	299	50	1534	7	9	1/8	12	1.5	6	1.5	✓	✓	703	200	3:31	<200	0
2	CEB-7-5	298	50	1555	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	L200	0
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		

Site Notes such as weather, visitors, scope deviations, health & safety issues, etc. (When making sample specific notes, reference the line number above):

H&P Mobile Geochemistry Inc.

Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: CE101619-A1 Date: 10/17/2019

Site Address: 30102 PACIFIC ISLAND DR Page: 1 of 1

Consultant: CALIFORNIA ENVIRONMENTAL H&P Rep(s): LOC NGO

Consultant Rep(s): CHARLIE BUCKLEY

Reviewed: EC

Scanned: TTorres

Equipment Info
Inline Gauge ID#: 123
Pump ID#: 069

Purge Volume Information
PV Amount: 3PV PV Includes: ☐ Tubing ☑ Sand 40% ☑ Dry Bent 50%

Leak Check Compound ☑ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other:
A cloth saturated with LCC is placed around tubing connections and probe seal. This is done for all samples unless otherwise noted.

Resample Key:
RS = Resample
RD = for Dilution
RL = lor LCC fail

	Sample Information				Probe Specs							Purge & Collection Information						
	Point ID	Syringe ID	Sample Volume (cc)	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing OD (in.)	Sand Ht (in.)	Sand Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Shut In Test 60 sec (✓)	Leak Check (✓)	Purge Vol (mL)	Purge Flow Rate (mL/min)	Pump Time (min:sec)	Sample Flow Rate (mL/min)	ProbeVac ☐ Hg ☑ H_2O
1	CEB-7-5	307	50	0740	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	<200	0
2	CEB-8-5	199	50	0811	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	200	5
3	CEB-9-5	299	50	0844	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	200	0
4	CEB-9-REP	298	50	0912	5	7	1/8	12	1.5	6	1.5	✓	✓	747	200	—	200	0
5	CEB-10-7	307	50	0944	7	9	1/8	12	1.5	6	1.5	✓	✓	703	200	3:31	200	0
6	CEB-15-5	299	50	1015	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	200	0
7	CEB-12-5	199	50	1045	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	200	0
8	CEB-11-5	305	50	1114	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	200	6
9	CEB-13-5	298	50	1142	5	7	1/8	12	1.5	12	1.5	✓	✓	658	200	4:47	200	0
10	CEB-13-17	301	50	1205	17	19	1/8	12	1.5	6	1.5	✓	✓	731	200	3:39	200	0
11	CEB-14-5	299	50	1226	5	7	1/8	12	1.5	6	1.5	✓	✓	697	200	3:29	200	0
12																		

Site Notes such as weather, visitors, scope deviations, health & safety issues, etc. (When making sample specific notes, reference the line number above):

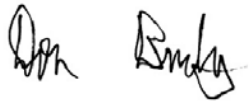
ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-10327-1
Client Project/Site: 3555 - LAGUNA CITY HALL

For:
California Environmental
30423 Canwood Street
Agoura Hills, California 91301

Attn: Mr. Charlie Buckley



Authorized for release by:
10/24/2019 9:12:25 AM

Don Burley, Senior Project Manager
(714)895-5494
donaldburley@eurofinsus.com

Table of Contents

Definitions/Glossary

Client: California Environmental
Project/Site: 3555 - LAGUNA CITY HALL

Job ID: 570-10327-1

Qualifiers

GC/MS VOA

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

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
L	A negative instrument reading had an absolute value greater than the reporting limit

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: California Environmental
Project/Site: 3555 - LAGUNA CITY HALL

Job ID: 570-10327-1

Job ID: 570-10327-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-10327-1

Comments
No additional comments.

Receipt
The samples were received on 10/16/2019 4:47 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.7º C.

GC/MS VOA
Method 8260B: The initial calibration curve was outside method criteria for Bromomethane. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte is considered an estimated concentration.

Method 8260B: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for batch analytical batch 570-26523 recovered outside control limits for Ethanol. All associated samples were non-detect and therefore, have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
Method 6010B: The absolute response for Selenium was greater than the method reporting limit (RL) in the following samples: CEB6-7FT (570-10327-11), CEB10-7FT (570-10327-15) and CEB14-5FT (570-10327-20). The instrument raw data has been manually reviewed and the result can be reported as ND.

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-27224 and analytical batch 570-27753 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: California Environmental
Project/Site: 3555 - LAGUNA CITY HALL

Job ID: 570-10327-1

Client Sample ID: CEB1-5FT — Lab Sample ID: 570-10327-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
C33-C36	6.0		4.8		mg/Kg	1		8015B	Total/NA
C37-C40	6.3		4.8		mg/Kg	1		8015B	Total/NA
C41-C44	5.3		4.8		mg/Kg	1		8015B	Total/NA
C6-C44	32		4.8		mg/Kg	1		8015B	Total/NA

Client Sample ID: CEB1-20FT — Lab Sample ID: 570-10327-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
C6-C44	5.1		4.9		mg/Kg	1		8015B	Total/NA

Client Sample ID: CEB2-5FT — Lab Sample ID: 570-10327-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
C6-C44	27		5.1		mg/Kg	1		8015B	Total/NA

Client Sample ID: CEB2-20FT — Lab Sample ID: 570-10327-4

No Detections.

Client Sample ID: CEB3-5FT — Lab Sample ID: 570-10327-5

No Detections.

Client Sample ID: CEB3-15FT — Lab Sample ID: 570-10327-6

No Detections.

Client Sample ID: CEB4-5FT — Lab Sample ID: 570-10327-7

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	12		0.94		ug/Kg	1		8260B	Total/NA
m,p-Xylene	68		1.9		ug/Kg	1		8260B	Total/NA
Naphthalene	47		9.4		ug/Kg	1		8260B	Total/NA
n-Butylbenzene	14		0.94		ug/Kg	1		8260B	Total/NA
N-Propylbenzene	10		1.9		ug/Kg	1		8260B	Total/NA
o-Xylene	36		0.94		ug/Kg	1		8260B	Total/NA
p-Isopropyltoluene	1.4		0.94		ug/Kg	1		8260B	Total/NA
sec-Butylbenzene	1.3		0.94		ug/Kg	1		8260B	Total/NA
Toluene	8.6		0.94		ug/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	120		1.9		ug/Kg	1		8260B	Total/NA
1,3,5-Trimethylbenzene	36		1.9		ug/Kg	1		8260B	Total/NA

Client Sample ID: CEB4-15FT — Lab Sample ID: 570-10327-8

No Detections.

Client Sample ID: CEB5-5FT — Lab Sample ID: 570-10327-9

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
C7 as C7	5.7		5.0		mg/Kg	1		8015B	Total/NA
C8 as C8	9.9		5.0		mg/Kg	1		8015B	Total/NA
C15-C16	5.8		5.0		mg/Kg	1		8015B	Total/NA
C17-C18	17		5.0		mg/Kg	1		8015B	Total/NA
C19-C20	15		5.0		mg/Kg	1		8015B	Total/NA
C21-C22	8.7		5.0		mg/Kg	1		8015B	Total/NA
C25-C28	9.2		5.0		mg/Kg	1		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: California Environmental
Project/Site: 3555 - LAGUNA CITY HALL

Job ID: 570-10327-1

Client Sample ID: CEB5-5FT (Continued) — Lab Sample ID: 570-10327-9

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
C33-C36	21		5.0		mg/Kg	1		8015B	Total/NA
C37-C40	22		5.0		mg/Kg	1		8015B	Total/NA
C41-C44	17		5.0		mg/Kg	1		8015B	Total/NA
C6-C44	160		5.0		mg/Kg	1		8015B	Total/NA

Client Sample ID: CEB5-15FT — Lab Sample ID: 570-10327-10

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
C6-C44	13		5.1		mg/Kg	1		8015B	Total/NA

Client Sample ID: CEB6-7FT — Lab Sample ID: 570-10327-11

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Antimony	1.71		0.750		mg/Kg	1		6010B	Total/NA
Arsenic	2.87		0.750		mg/Kg	1		6010B	Total/NA
Barium	78.8		0.500		mg/Kg	1		6010B	Total/NA
Beryllium	0.530		0.250		mg/Kg	1		6010B	Total/NA
Cadmium	0.987		0.500		mg/Kg	1		6010B	Total/NA
Chromium	17.7		0.250		mg/Kg	1		6010B	Total/NA
Cobalt	4.86		0.250		mg/Kg	1		6010B	Total/NA
Copper	8.87		0.500		mg/Kg	1		6010B	Total/NA
Lead	0.768		0.500		mg/Kg	1		6010B	Total/NA
Molybdenum	1.16		0.250		mg/Kg	1		6010B	Total/NA
Nickel	15.1		0.250		mg/Kg	1		6010B	Total/NA
Vanadium	22.3		0.250		mg/Kg	1		6010B	Total/NA
Zinc	28.3		1.00		mg/Kg	1		6010B	Total/NA

Client Sample ID: CEB7-5FT — Lab Sample ID: 570-10327-12

No Detections.

Client Sample ID: CEB8-5FT — Lab Sample ID: 570-10327-13

No Detections.

Client Sample ID: CEB9-5FT — Lab Sample ID: 570-10327-14

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Antimony	1.23		0.754		mg/Kg	1		6010B	Total/NA
Arsenic	1.09		0.754		mg/Kg	1		6010B	Total/NA
Barium	47.9		0.503		mg/Kg	1		6010B	Total/NA
Beryllium	0.269		0.251		mg/Kg	1		6010B	Total/NA
Chromium	14.1		0.251		mg/Kg	1		6010B	Total/NA
Cobalt	3.92		0.251		mg/Kg	1		6010B	Total/NA
Copper	3.82		0.503		mg/Kg	1		6010B	Total/NA
Molybdenum	1.13		0.251		mg/Kg	1		6010B	Total/NA
Nickel	12.2		0.251		mg/Kg	1		6010B	Total/NA
Vanadium	12.0		0.251		mg/Kg	1		6010B	Total/NA
Zinc	20.8		1.01		mg/Kg	1		6010B	Total/NA

Client Sample ID: CEB10-7FT — Lab Sample ID: 570-10327-15

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
C6-C44	13		5.2		mg/Kg	1		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: CEB10-7FT (Continued) — Lab Sample ID: 570-10327-15

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Antimony	1.79		0.750		mg/Kg	1		6010B	Total/NA
Barium	56.8		0.500		mg/Kg	1		6010B	Total/NA
Beryllium	0.285		0.250		mg/Kg	1		6010B	Total/NA
Chromium	17.5		0.250		mg/Kg	1		6010B	Total/NA
Cobalt	4.59		0.250		mg/Kg	1		6010B	Total/NA
Copper	2.31		0.500		mg/Kg	1		6010B	Total/NA
Molybdenum	1.40		0.250		mg/Kg	1		6010B	Total/NA
Nickel	21.7		0.250		mg/Kg	1		6010B	Total/NA
Vanadium	16.1		0.250		mg/Kg	1		6010B	Total/NA
Zinc	17.8		1.00		mg/Kg	1		6010B	Total/NA

Client Sample ID: CEB11-5FT — Lab Sample ID: 570-10327-16

No Detections.

Client Sample ID: CEB12-5FT — Lab Sample ID: 570-10327-17

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
C25-C28	13		5.1		mg/Kg	1		8015B	Total/NA
C33-C36	24		5.1		mg/Kg	1		8015B	Total/NA
C37-C40	22		5.1		mg/Kg	1		8015B	Total/NA
C41-C44	16		5.1		mg/Kg	1		8015B	Total/NA
C6-C44	110		5.1		mg/Kg	1		8015B	Total/NA

Client Sample ID: CEB13-5FT — Lab Sample ID: 570-10327-18

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
C33-C36	8.7		5.0		mg/Kg	1		8015B	Total/NA
C37-C40	10		5.0		mg/Kg	1		8015B	Total/NA
C41-C44	8.7		5.0		mg/Kg	1		8015B	Total/NA
C6-C44	47		5.0		mg/Kg	1		8015B	Total/NA

Client Sample ID: CEB13-17FT — Lab Sample ID: 570-10327-19

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
C6-C44	5.6		5.3		mg/Kg	1		8015B	Total/NA

Client Sample ID: CEB14-5FT — Lab Sample ID: 570-10327-20

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
C21-C22	4.9		4.9		mg/Kg	1		8015B	Total/NA
C25-C28	7.8		4.9		mg/Kg	1		8015B	Total/NA
C33-C36	19		4.9		mg/Kg	1		8015B	Total/NA
C37-C40	23		4.9		mg/Kg	1		8015B	Total/NA
C41-C44	21		4.9		mg/Kg	1		8015B	Total/NA
C6-C44	100		4.9		mg/Kg	1		8015B	Total/NA
Antimony	1.47		0.746		mg/Kg	1		6010B	Total/NA
Arsenic	2.83		0.746		mg/Kg	1		6010B	Total/NA
Barium	129		0.498		mg/Kg	1		6010B	Total/NA
Beryllium	0.737		0.249		mg/Kg	1		6010B	Total/NA
Chromium	12.7		0.249		mg/Kg	1		6010B	Total/NA
Cobalt	3.80		0.249		mg/Kg	1		6010B	Total/NA
Copper	12.7		0.498		mg/Kg	1		6010B	Total/NA
Lead	1.59		0.498		mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: California Environmental
Project/Site: 3555 - LAGUNA CITY HALL

Job ID: 570-10327-1

Client Sample ID: CEB14-5FT (Continued)

Lab Sample ID: 570-10327-20

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Nickel	8.97		0.249		mg/Kg	1		6010B	Total/NA
Vanadium	27.9		0.249		mg/Kg	1		6010B	Total/NA
Zinc	26.9		0.995		mg/Kg	1		6010B	Total/NA

Client Sample ID: CEB15-5FT

Lab Sample ID: 570-10327-21

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
C25-C28	8.3		4.9		mg/Kg	1		8015B	Total/NA
C29-C32	12		4.9		mg/Kg	1		8015B	Total/NA
C33-C36	12		4.9		mg/Kg	1		8015B	Total/NA
C37-C40	8.8		4.9		mg/Kg	1		8015B	Total/NA
C6-C44	34		4.9		mg/Kg	1		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

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

Client Sample ID: CEB1-5FT
Date Collected: 10/16/19 07:30
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-1
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		40		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
Benzene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
Bromobenzene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
Bromochloromethane	ND		1.6		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
Bromodichloromethane	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
Bromoform	ND		4.0		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
Bromomethane	ND		16		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
2-Butanone	ND		16		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
Carbon disulfide	ND		8.1		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
Carbon tetrachloride	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
Chlorobenzene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
Chloroethane	ND		1.6		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
Chloroform	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
Chloromethane	ND		16		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
2-Chlorotoluene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
4-Chlorotoluene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
cis-1,2-Dichloroethene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
cis-1,3-Dichloropropene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
Dibromochloromethane	ND		1.6		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
1,2-Dibromo-3-Chloropropane	ND		8.1		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
1,2-Dibromoethane	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
Dibromomethane	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
1,2-Dichlorobenzene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
1,3-Dichlorobenzene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
1,4-Dichlorobenzene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
Dichlorodifluoromethane	ND		1.6		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
1,1-Dichloroethane	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
1,2-Dichloroethane	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
1,1-Dichloroethene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
1,2-Dichloropropane	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
1,3-Dichloropropane	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
2,2-Dichloropropane	ND		4.0		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
1,1-Dichloropropene	ND		1.6		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
Di-isopropyl ether (DIPE)	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
Ethanol	ND	*	400		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
Ethylbenzene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
Ethyl-t-butyl ether (ETBE)	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
2-Hexanone	ND		16		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
Isopropylbenzene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
Methylene Chloride	ND		8.1		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
4-Methyl-2-pentanone	ND		16		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
Methyl-t-Butyl Ether (MTBE)	ND		1.6		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
m,p-Xylene	ND		1.6		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
Naphthalene	ND		8.1		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
n-Butylbenzene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
N-Propylbenzene	ND		1.6		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
o-Xylene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
p-Isopropyltoluene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
sec-Butylbenzene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1

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

Client Sample ID: CEB1-5FT
Date Collected: 10/16/19 07:30
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-1
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
Tert-amyl-methyl ether (TAME)	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
tert-Butyl alcohol (TBA)	ND		16		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
tert-Butylbenzene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
1,1,1,2-Tetrachloroethane	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
1,1,2,2-Tetrachloroethane	ND		1.6		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
Tetrachloroethene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
Toluene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
trans-1,2-Dichloroethene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
trans-1,3-Dichloropropene	ND		1.6		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
1,2,3-Trichlorobenzene	ND		1.6		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
1,2,4-Trichlorobenzene	ND		1.6		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
1,1,1-Trichloroethane	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
1,1,2-Trichloroethane	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
Trichloroethene	ND		1.6		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
Trichlorofluoromethane	ND		8.1		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
1,2,3-Trichloropropane	ND		1.6		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.1		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
1,2,4-Trimethylbenzene	ND		1.6		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
1,3,5-Trimethylbenzene	ND		1.6		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
Vinyl acetate	ND		8.1		ug/Kg		10/17/19 13:18	10/17/19 13:52	1
Vinyl chloride	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*	*10/17/19 13:18*	*10/17/19 13:52*	*1*
Dibromofluoromethane	*103*		*79 - 133*	*10/17/19 13:18*	*10/17/19 13:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*71 - 155*	*10/17/19 13:18*	*10/17/19 13:52*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*	*10/17/19 13:18*	*10/17/19 13:52*	*1*

Client Sample ID: CEB1-20FT
Date Collected: 10/16/19 07:42
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-2
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		38		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
Benzene	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
Bromobenzene	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
Bromochloromethane	ND		1.5		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
Bromodichloromethane	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
Bromoform	ND		3.8		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
Bromomethane	ND		15		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
2-Butanone	ND		15		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
Carbon disulfide	ND		7.7		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
Carbon tetrachloride	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
Chlorobenzene	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
Chloroethane	ND		1.5		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
Chloroform	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
Chloromethane	ND		15		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
2-Chlorotoluene	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
4-Chlorotoluene	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
cis-1,2-Dichloroethene	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1

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

Client Sample ID: CEB1-20FT
Date Collected: 10/16/19 07:42
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-2
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
Dibromochloromethane	ND		1.5		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
1,2-Dibromo-3-Chloropropane	ND		7.7		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
1,2-Dibromoethane	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
Dibromomethane	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
1,2-Dichlorobenzene	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
1,3-Dichlorobenzene	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
1,4-Dichlorobenzene	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
Dichlorodifluoromethane	ND		1.5		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
1,1-Dichloroethane	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
1,2-Dichloroethane	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
1,1-Dichloroethene	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
1,2-Dichloropropane	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
1,3-Dichloropropane	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
2,2-Dichloropropane	ND		3.8		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
1,1-Dichloropropene	ND		1.5		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
Di-isopropyl ether (DIPE)	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
Ethanol	ND	*	380		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
Ethylbenzene	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
Ethyl-t-butyl ether (ETBE)	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
2-Hexanone	ND		15		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
Isopropylbenzene	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
Methylene Chloride	ND		7.7		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
4-Methyl-2-pentanone	ND		15		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
Methyl-t-Butyl Ether (MTBE)	ND		1.5		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
m,p-Xylene	ND		1.5		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
Naphthalene	ND		7.7		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
n-Butylbenzene	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
N-Propylbenzene	ND		1.5		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
o-Xylene	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
p-Isopropyltoluene	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
sec-Butylbenzene	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
Styrene	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
Tert-amyl-methyl ether (TAME)	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
tert-Butyl alcohol (TBA)	ND		15		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
tert-Butylbenzene	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
1,1,1,2-Tetrachloroethane	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
1,1,2,2-Tetrachloroethane	ND		1.5		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
Tetrachloroethene	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
Toluene	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
trans-1,2-Dichloroethene	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
trans-1,3-Dichloropropene	ND		1.5		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
1,2,3-Trichlorobenzene	ND		1.5		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
1,2,4-Trichlorobenzene	ND		1.5		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
1,1,1-Trichloroethane	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
1,1,2-Trichloroethane	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
Trichloroethene	ND		1.5		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
Trichlorofluoromethane	ND		7.7		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
1,2,3-Trichloropropane	ND		1.5		ug/Kg		10/17/19 13:18	10/17/19 14:18	1

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

Client Sample ID: CEB1-20FT
Date Collected: 10/16/19 07:42
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-2
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.7		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
1,2,4-Trimethylbenzene	ND		1.5		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
1,3,5-Trimethylbenzene	ND		1.5		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
Vinyl acetate	ND		7.7		ug/Kg		10/17/19 13:18	10/17/19 14:18	1
Vinyl chloride	ND		0.77		ug/Kg		10/17/19 13:18	10/17/19 14:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*10/17/19 13:18*	*10/17/19 14:18*	*1*
Dibromofluoromethane	*100*		*79 - 133*	*10/17/19 13:18*	*10/17/19 14:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*71 - 155*	*10/17/19 13:18*	*10/17/19 14:18*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*10/17/19 13:18*	*10/17/19 14:18*	*1*

Client Sample ID: CEB2-5FT
Date Collected: 10/16/19 09:00
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-3
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		42		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
Benzene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
Bromobenzene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
Bromochloromethane	ND		1.7		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
Bromodichloromethane	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
Bromoform	ND		4.2		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
Bromomethane	ND		17		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
2-Butanone	ND		17		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
Carbon disulfide	ND		8.5		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
Carbon tetrachloride	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
Chlorobenzene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
Chloroethane	ND		1.7		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
Chloroform	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
Chloromethane	ND		17		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
2-Chlorotoluene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
4-Chlorotoluene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
cis-1,2-Dichloroethene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
cis-1,3-Dichloropropene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
Dibromochloromethane	ND		1.7		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
1,2-Dibromo-3-Chloropropane	ND		8.5		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
1,2-Dibromoethane	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
Dibromomethane	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
1,2-Dichlorobenzene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
1,3-Dichlorobenzene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
1,4-Dichlorobenzene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
Dichlorodifluoromethane	ND		1.7		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
1,1-Dichloroethane	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
1,2-Dichloroethane	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
1,1-Dichloroethene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
1,2-Dichloropropane	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
1,3-Dichloropropane	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
2,2-Dichloropropane	ND		4.2		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
1,1-Dichloropropene	ND		1.7		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
Di-isopropyl ether (DIPE)	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1

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

Client Sample ID: CEB2-5FT
Date Collected: 10/16/19 09:00
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-3
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	ND	*	420		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
Ethylbenzene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
Ethyl-t-butyl ether (ETBE)	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
2-Hexanone	ND		17		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
Isopropylbenzene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
Methylene Chloride	ND		8.5		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
4-Methyl-2-pentanone	ND		17		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
Methyl-t-Butyl Ether (MTBE)	ND		1.7		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
m,p-Xylene	ND		1.7		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
Naphthalene	ND		8.5		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
n-Butylbenzene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
N-Propylbenzene	ND		1.7		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
o-Xylene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
p-Isopropyltoluene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
sec-Butylbenzene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
Styrene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
Tert-amyl-methyl ether (TAME)	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
tert-Butyl alcohol (TBA)	ND		17		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
tert-Butylbenzene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
1,1,1,2-Tetrachloroethane	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
1,1,2,2-Tetrachloroethane	ND		1.7		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
Tetrachloroethene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
Toluene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
trans-1,2-Dichloroethene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
trans-1,3-Dichloropropene	ND		1.7		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
1,2,3-Trichlorobenzene	ND		1.7		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
1,2,4-Trichlorobenzene	ND		1.7		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
1,1,1-Trichloroethane	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
1,1,2-Trichloroethane	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
Trichloroethene	ND		1.7		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
Trichlorofluoromethane	ND		8.5		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
1,2,3-Trichloropropane	ND		1.7		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.5		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
1,2,4-Trimethylbenzene	ND		1.7		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
1,3,5-Trimethylbenzene	ND		1.7		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
Vinyl acetate	ND		8.5		ug/Kg		10/17/19 13:18	10/17/19 14:43	1
Vinyl chloride	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*	*10/17/19 13:18*	*10/17/19 14:43*	*1*
Dibromofluoromethane	*104*		*79 - 133*	*10/17/19 13:18*	*10/17/19 14:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*71 - 155*	*10/17/19 13:18*	*10/17/19 14:43*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*10/17/19 13:18*	*10/17/19 14:43*	*1*

Client Sample ID: CEB2-20FT
Date Collected: 10/16/19 09:17
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-4
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		40		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
Benzene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1

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

Client Sample ID: CEB2-20FT
Date Collected: 10/16/19 09:17
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-4
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromobenzene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
Bromochloromethane	ND		1.6		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
Bromodichloromethane	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
Bromoform	ND		4.0		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
Bromomethane	ND		16		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
2-Butanone	ND		16		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
Carbon disulfide	ND		8.1		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
Carbon tetrachloride	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
Chlorobenzene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
Chloroethane	ND		1.6		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
Chloroform	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
Chloromethane	ND		16		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
2-Chlorotoluene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
4-Chlorotoluene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
cis-1,2-Dichloroethene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
cis-1,3-Dichloropropene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
Dibromochloromethane	ND		1.6		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
1,2-Dibromo-3-Chloropropane	ND		8.1		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
1,2-Dibromoethane	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
Dibromomethane	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
1,2-Dichlorobenzene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
1,3-Dichlorobenzene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
1,4-Dichlorobenzene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
Dichlorodifluoromethane	ND		1.6		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
1,1-Dichloroethane	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
1,2-Dichloroethane	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
1,1-Dichloroethene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
1,2-Dichloropropane	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
1,3-Dichloropropane	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
2,2-Dichloropropane	ND		4.0		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
1,1-Dichloropropene	ND		1.6		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
Di-isopropyl ether (DIPE)	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
Ethanol	ND	*	400		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
Ethylbenzene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
Ethyl-t-butyl ether (ETBE)	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
2-Hexanone	ND		16		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
Isopropylbenzene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
Methylene Chloride	ND		8.1		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
4-Methyl-2-pentanone	ND		16		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
Methyl-t-Butyl Ether (MTBE)	ND		1.6		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
m,p-Xylene	ND		1.6		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
Naphthalene	ND		8.1		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
n-Butylbenzene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
N-Propylbenzene	ND		1.6		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
o-Xylene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
p-Isopropyltoluene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
sec-Butylbenzene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
Styrene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
Tert-amyl-methyl ether (TAME)	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1

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

Client Sample ID: CEB2-20FT
Date Collected: 10/16/19 09:17
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-4
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol (TBA)	ND		16		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
tert-Butylbenzene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
1,1,1,2-Tetrachloroethane	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
1,1,2,2-Tetrachloroethane	ND		1.6		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
Tetrachloroethene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
Toluene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
trans-1,2-Dichloroethene	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
trans-1,3-Dichloropropene	ND		1.6		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
1,2,3-Trichlorobenzene	ND		1.6		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
1,2,4-Trichlorobenzene	ND		1.6		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
1,1,1-Trichloroethane	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
1,1,2-Trichloroethane	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
Trichloroethene	ND		1.6		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
Trichlorofluoromethane	ND		8.1		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
1,2,3-Trichloropropane	ND		1.6		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.1		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
1,2,4-Trimethylbenzene	ND		1.6		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
1,3,5-Trimethylbenzene	ND		1.6		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
Vinyl acetate	ND		8.1		ug/Kg		10/17/19 13:18	10/17/19 15:09	1
Vinyl chloride	ND		0.81		ug/Kg		10/17/19 13:18	10/17/19 15:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*10/17/19 13:18*	*10/17/19 15:09*	*1*
Dibromofluoromethane	*100*		*79 - 133*	*10/17/19 13:18*	*10/17/19 15:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*71 - 155*	*10/17/19 13:18*	*10/17/19 15:09*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*10/17/19 13:18*	*10/17/19 15:09*	*1*

Client Sample ID: CEB3-5FT
Date Collected: 10/16/19 09:50
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-5
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		42		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
Benzene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
Bromobenzene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
Bromochloromethane	ND		1.7		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
Bromodichloromethane	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
Bromoform	ND		4.2		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
Bromomethane	ND		17		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
2-Butanone	ND		17		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
Carbon disulfide	ND		8.5		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
Carbon tetrachloride	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
Chlorobenzene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
Chloroethane	ND		1.7		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
Chloroform	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
Chloromethane	ND		17		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
2-Chlorotoluene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
4-Chlorotoluene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
cis-1,2-Dichloroethene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
cis-1,3-Dichloropropene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
Dibromochloromethane	ND		1.7		ug/Kg		10/17/19 13:18	10/17/19 15:35	1

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

Client Sample ID: CEB3-5FT
Date Collected: 10/16/19 09:50
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-5
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		8.5		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
1,2-Dibromoethane	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
Dibromomethane	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
1,2-Dichlorobenzene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
1,3-Dichlorobenzene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
1,4-Dichlorobenzene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
Dichlorodifluoromethane	ND		1.7		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
1,1-Dichloroethane	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
1,2-Dichloroethane	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
1,1-Dichloroethene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
1,2-Dichloropropane	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
1,3-Dichloropropane	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
2,2-Dichloropropane	ND		4.2		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
1,1-Dichloropropene	ND		1.7		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
Di-isopropyl ether (DIPE)	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
Ethanol	ND	*	420		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
Ethylbenzene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
Ethyl-t-butyl ether (ETBE)	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
2-Hexanone	ND		17		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
Isopropylbenzene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
Methylene Chloride	ND		8.5		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
4-Methyl-2-pentanone	ND		17		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
Methyl-t-Butyl Ether (MTBE)	ND		1.7		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
m,p-Xylene	ND		1.7		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
Naphthalene	ND		8.5		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
n-Butylbenzene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
N-Propylbenzene	ND		1.7		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
o-Xylene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
p-Isopropyltoluene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
sec-Butylbenzene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
Styrene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
Tert-amyl-methyl ether (TAME)	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
tert-Butyl alcohol (TBA)	ND		17		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
tert-Butylbenzene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
1,1,1,2-Tetrachloroethane	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
1,1,2,2-Tetrachloroethane	ND		1.7		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
Tetrachloroethene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
Toluene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
trans-1,2-Dichloroethene	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
trans-1,3-Dichloropropene	ND		1.7		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
1,2,3-Trichlorobenzene	ND		1.7		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
1,2,4-Trichlorobenzene	ND		1.7		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
1,1,1-Trichloroethane	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
1,1,2-Trichloroethane	ND		0.85		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
Trichloroethene	ND		1.7		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
Trichlorofluoromethane	ND		8.5		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
1,2,3-Trichloropropane	ND		1.7		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.5		ug/Kg		10/17/19 13:18	10/17/19 15:35	1
1,2,4-Trimethylbenzene	ND		1.7		ug/Kg		10/17/19 13:18	10/17/19 15:35	1

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

Client Sample ID: CEB3-5FT
Date Collected: 10/16/19 09:50
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-5
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND		1.7	ug/Kg		10/17/19 13:18	10/17/19 15:35	1
Vinyl acetate	ND		8.5	ug/Kg		10/17/19 13:18	10/17/19 15:35	1
Vinyl chloride	ND		0.85	ug/Kg		10/17/19 13:18	10/17/19 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*10/17/19 13:18*	*10/17/19 15:35*	*1*
Dibromofluoromethane	*102*		*79 - 133*	*10/17/19 13:18*	*10/17/19 15:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*71 - 155*	*10/17/19 13:18*	*10/17/19 15:35*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*10/17/19 13:18*	*10/17/19 15:35*	*1*

Client Sample ID: CEB3-15FT
Date Collected: 10/16/19 09:55
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-6
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		47	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
Benzene	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
Bromobenzene	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
Bromochloromethane	ND		1.9	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
Bromodichloromethane	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
Bromoform	ND		4.7	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
Bromomethane	ND		19	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
2-Butanone	ND		19	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
Carbon disulfide	ND		9.3	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
Carbon tetrachloride	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
Chlorobenzene	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
Chloroethane	ND		1.9	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
Chloroform	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
Chloromethane	ND		19	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
2-Chlorotoluene	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
4-Chlorotoluene	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
cis-1,2-Dichloroethene	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
cis-1,3-Dichloropropene	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
Dibromochloromethane	ND		1.9	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
1,2-Dibromo-3-Chloropropane	ND		9.3	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
1,2-Dibromoethane	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
Dibromomethane	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
1,2-Dichlorobenzene	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
1,3-Dichlorobenzene	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
1,4-Dichlorobenzene	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
Dichlorodifluoromethane	ND		1.9	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
1,1-Dichloroethane	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
1,2-Dichloroethane	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
1,1-Dichloroethene	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
1,2-Dichloropropane	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
1,3-Dichloropropane	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
2,2-Dichloropropane	ND		4.7	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
1,1-Dichloropropene	ND		1.9	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
Di-isopropyl ether (DIPE)	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
Ethanol	ND	*	470	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
Ethylbenzene	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1

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

Client Sample ID: CEB3-15FT
Date Collected: 10/16/19 09:55
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-6
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
2-Hexanone	ND		19	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
Isopropylbenzene	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
Methylene Chloride	ND		9.3	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
4-Methyl-2-pentanone	ND		19	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
Methyl-t-Butyl Ether (MTBE)	ND		1.9	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
m,p-Xylene	ND		1.9	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
Naphthalene	ND		9.3	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
n-Butylbenzene	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
N-Propylbenzene	ND		1.9	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
o-Xylene	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
p-Isopropyltoluene	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
sec-Butylbenzene	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
Styrene	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
Tert-amyl-methyl ether (TAME)	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
tert-Butyl alcohol (TBA)	ND		19	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
tert-Butylbenzene	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
1,1,1,2-Tetrachloroethane	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
1,1,2,2-Tetrachloroethane	ND		1.9	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
Tetrachloroethene	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
Toluene	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
trans-1,2-Dichloroethene	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
trans-1,3-Dichloropropene	ND		1.9	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
1,2,3-Trichlorobenzene	ND		1.9	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
1,2,4-Trichlorobenzene	ND		1.9	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
1,1,1-Trichloroethane	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
1,1,2-Trichloroethane	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
Trichloroethene	ND		1.9	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
Trichlorofluoromethane	ND		9.3	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
1,2,3-Trichloropropane	ND		1.9	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.3	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
1,2,4-Trimethylbenzene	ND		1.9	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
1,3,5-Trimethylbenzene	ND		1.9	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
Vinyl acetate	ND		9.3	ug/Kg		10/17/19 16:01	10/17/19 16:34	1
Vinyl chloride	ND		0.93	ug/Kg		10/17/19 16:01	10/17/19 16:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*10/17/19 16:01*	*10/17/19 16:34*	*1*
Dibromofluoromethane	*103*		*79 - 133*	*10/17/19 16:01*	*10/17/19 16:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*114*		*71 - 155*	*10/17/19 16:01*	*10/17/19 16:34*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*10/17/19 16:01*	*10/17/19 16:34*	*1*

Client Sample ID: CEB4-5FT
Date Collected: 10/16/19 10:32
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-7
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		47	ug/Kg		10/17/19 16:01	10/17/19 17:00	1
Benzene	ND		0.94	ug/Kg		10/17/19 16:01	10/17/19 17:00	1
Bromobenzene	ND		0.94	ug/Kg		10/17/19 16:01	10/17/19 17:00	1
Bromochloromethane	ND		1.9	ug/Kg		10/17/19 16:01	10/17/19 17:00	1

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

Client Sample ID: CEB4-5FT
Date Collected: 10/16/19 10:32
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-7
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		0.94		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
Bromoform	ND		4.7		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
Bromomethane	ND		19		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
2-Butanone	ND		19		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
Carbon disulfide	ND		9.4		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
Carbon tetrachloride	ND		0.94		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
Chlorobenzene	ND		0.94		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
Chloroethane	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
Chloroform	ND		0.94		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
Chloromethane	ND		19		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
2-Chlorotoluene	ND		0.94		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
4-Chlorotoluene	ND		0.94		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
cis-1,2-Dichloroethene	ND		0.94		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
cis-1,3-Dichloropropene	ND		0.94		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
Dibromochloromethane	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
1,2-Dibromo-3-Chloropropane	ND		9.4		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
1,2-Dibromoethane	ND		0.94		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
Dibromomethane	ND		0.94		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
1,2-Dichlorobenzene	ND		0.94		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
1,3-Dichlorobenzene	ND		0.94		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
1,4-Dichlorobenzene	ND		0.94		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
Dichlorodifluoromethane	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
1,1-Dichloroethane	ND		0.94		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
1,2-Dichloroethane	ND		0.94		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
1,1-Dichloroethene	ND		0.94		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
1,2-Dichloropropane	ND		0.94		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
1,3-Dichloropropane	ND		0.94		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
2,2-Dichloropropane	ND		4.7		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
1,1-Dichloropropene	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
Di-isopropyl ether (DIPE)	ND		0.94		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
Ethanol	ND	*	470		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
Ethylbenzene	**12**		0.94		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
Ethyl-t-butyl ether (ETBE)	ND		0.94		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
2-Hexanone	ND		19		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
Isopropylbenzene	ND		0.94		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
Methylene Chloride	ND		9.4		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
4-Methyl-2-pentanone	ND		19		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
Methyl-t-Butyl Ether (MTBE)	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
m,p-Xylene	**68**		1.9		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
Naphthalene	**47**		9.4		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
n-Butylbenzene	**14**		0.94		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
N-Propylbenzene	**10**		1.9		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
o-Xylene	**36**		0.94		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
p-Isopropyltoluene	**1.4**		0.94		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
sec-Butylbenzene	**1.3**		0.94		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
Styrene	ND		0.94		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
Tert-amyl-methyl ether (TAME)	ND		0.94		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
tert-Butyl alcohol (TBA)	ND		19		ug/Kg		10/17/19 16:01	10/17/19 17:00	1
tert-Butylbenzene	ND		0.94		ug/Kg		10/17/19 16:01	10/17/19 17:00	1

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

Client Sample ID: CEB4-5FT
Date Collected: 10/16/19 10:32
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-7
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.94	ug/Kg		10/17/19 16:01	10/17/19 17:00	1
1,1,2,2-Tetrachloroethane	ND		1.9	ug/Kg		10/17/19 16:01	10/17/19 17:00	1
Tetrachloroethene	ND		0.94	ug/Kg		10/17/19 16:01	10/17/19 17:00	1
Toluene	**8.6**		0.94	ug/Kg		10/17/19 16:01	10/17/19 17:00	1
trans-1,2-Dichloroethene	ND		0.94	ug/Kg		10/17/19 16:01	10/17/19 17:00	1
trans-1,3-Dichloropropene	ND		1.9	ug/Kg		10/17/19 16:01	10/17/19 17:00	1
1,2,3-Trichlorobenzene	ND		1.9	ug/Kg		10/17/19 16:01	10/17/19 17:00	1
1,2,4-Trichlorobenzene	ND		1.9	ug/Kg		10/17/19 16:01	10/17/19 17:00	1
1,1,1-Trichloroethane	ND		0.94	ug/Kg		10/17/19 16:01	10/17/19 17:00	1
1,1,2-Trichloroethane	ND		0.94	ug/Kg		10/17/19 16:01	10/17/19 17:00	1
Trichloroethene	ND		1.9	ug/Kg		10/17/19 16:01	10/17/19 17:00	1
Trichlorofluoromethane	ND		9.4	ug/Kg		10/17/19 16:01	10/17/19 17:00	1
1,2,3-Trichloropropane	ND		1.9	ug/Kg		10/17/19 16:01	10/17/19 17:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.4	ug/Kg		10/17/19 16:01	10/17/19 17:00	1
1,2,4-Trimethylbenzene	**120**		1.9	ug/Kg		10/17/19 16:01	10/17/19 17:00	1
1,3,5-Trimethylbenzene	**36**		1.9	ug/Kg		10/17/19 16:01	10/17/19 17:00	1
Vinyl acetate	ND		9.4	ug/Kg		10/17/19 16:01	10/17/19 17:00	1
Vinyl chloride	ND		0.94	ug/Kg		10/17/19 16:01	10/17/19 17:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*10/17/19 16:01*	*10/17/19 17:00*	*1*
Dibromofluoromethane	*97*		*79 - 133*	*10/17/19 16:01*	*10/17/19 17:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*71 - 155*	*10/17/19 16:01*	*10/17/19 17:00*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*10/17/19 16:01*	*10/17/19 17:00*	*1*

Client Sample ID: CEB4-15FT
Date Collected: 10/16/19 10:48
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-8
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		42	ug/Kg		10/17/19 16:01	10/17/19 17:25	1
Benzene	ND		0.84	ug/Kg		10/17/19 16:01	10/17/19 17:25	1
Bromobenzene	ND		0.84	ug/Kg		10/17/19 16:01	10/17/19 17:25	1
Bromochloromethane	ND		1.7	ug/Kg		10/17/19 16:01	10/17/19 17:25	1
Bromodichloromethane	ND		0.84	ug/Kg		10/17/19 16:01	10/17/19 17:25	1
Bromoform	ND		4.2	ug/Kg		10/17/19 16:01	10/17/19 17:25	1
Bromomethane	ND		17	ug/Kg		10/17/19 16:01	10/17/19 17:25	1
2-Butanone	ND		17	ug/Kg		10/17/19 16:01	10/17/19 17:25	1
Carbon disulfide	ND		8.4	ug/Kg		10/17/19 16:01	10/17/19 17:25	1
Carbon tetrachloride	ND		0.84	ug/Kg		10/17/19 16:01	10/17/19 17:25	1
Chlorobenzene	ND		0.84	ug/Kg		10/17/19 16:01	10/17/19 17:25	1
Chloroethane	ND		1.7	ug/Kg		10/17/19 16:01	10/17/19 17:25	1
Chloroform	ND		0.84	ug/Kg		10/17/19 16:01	10/17/19 17:25	1
Chloromethane	ND		17	ug/Kg		10/17/19 16:01	10/17/19 17:25	1
2-Chlorotoluene	ND		0.84	ug/Kg		10/17/19 16:01	10/17/19 17:25	1
4-Chlorotoluene	ND		0.84	ug/Kg		10/17/19 16:01	10/17/19 17:25	1
cis-1,2-Dichloroethene	ND		0.84	ug/Kg		10/17/19 16:01	10/17/19 17:25	1
cis-1,3-Dichloropropene	ND		0.84	ug/Kg		10/17/19 16:01	10/17/19 17:25	1
Dibromochloromethane	ND		1.7	ug/Kg		10/17/19 16:01	10/17/19 17:25	1
1,2-Dibromo-3-Chloropropane	ND		8.4	ug/Kg		10/17/19 16:01	10/17/19 17:25	1
1,2-Dibromoethane	ND		0.84	ug/Kg		10/17/19 16:01	10/17/19 17:25	1

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

Client Sample ID: CEB4-15FT
Date Collected: 10/16/19 10:48
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-8
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		0.84		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
1,2-Dichlorobenzene	ND		0.84		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
1,3-Dichlorobenzene	ND		0.84		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
1,4-Dichlorobenzene	ND		0.84		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
Dichlorodifluoromethane	ND		1.7		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
1,1-Dichloroethane	ND		0.84		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
1,2-Dichloroethane	ND		0.84		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
1,1-Dichloroethene	ND		0.84		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
1,2-Dichloropropane	ND		0.84		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
1,3-Dichloropropane	ND		0.84		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
2,2-Dichloropropane	ND		4.2		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
1,1-Dichloropropene	ND		1.7		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
Di-isopropyl ether (DIPE)	ND		0.84		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
Ethanol	ND	*	420		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
Ethylbenzene	ND		0.84		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
Ethyl-t-butyl ether (ETBE)	ND		0.84		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
2-Hexanone	ND		17		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
Isopropylbenzene	ND		0.84		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
Methylene Chloride	ND		8.4		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
4-Methyl-2-pentanone	ND		17		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
Methyl-t-Butyl Ether (MTBE)	ND		1.7		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
m,p-Xylene	ND		1.7		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
Naphthalene	ND		8.4		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
n-Butylbenzene	ND		0.84		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
N-Propylbenzene	ND		1.7		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
o-Xylene	ND		0.84		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
p-Isopropyltoluene	ND		0.84		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
sec-Butylbenzene	ND		0.84		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
Styrene	ND		0.84		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
Tert-amyl-methyl ether (TAME)	ND		0.84		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
tert-Butyl alcohol (TBA)	ND		17		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
tert-Butylbenzene	ND		0.84		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
1,1,1,2-Tetrachloroethane	ND		0.84		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
1,1,2,2-Tetrachloroethane	ND		1.7		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
Tetrachloroethene	ND		0.84		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
Toluene	ND		0.84		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
trans-1,2-Dichloroethene	ND		0.84		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
trans-1,3-Dichloropropene	ND		1.7		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
1,2,3-Trichlorobenzene	ND		1.7		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
1,2,4-Trichlorobenzene	ND		1.7		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
1,1,1-Trichloroethane	ND		0.84		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
1,1,2-Trichloroethane	ND		0.84		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
Trichloroethene	ND		1.7		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
Trichlorofluoromethane	ND		8.4		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
1,2,3-Trichloropropane	ND		1.7		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.4		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
1,2,4-Trimethylbenzene	ND		1.7		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
1,3,5-Trimethylbenzene	ND		1.7		ug/Kg		10/17/19 16:01	10/17/19 17:25	1
Vinyl acetate	ND		8.4		ug/Kg		10/17/19 16:01	10/17/19 17:25	1

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

Client Sample ID: CEB4-15FT
Date Collected: 10/16/19 10:48
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-8
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.84		ug/Kg		10/17/19 16:01	10/17/19 17:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*10/17/19 16:01*	*10/17/19 17:25*	*1*
Dibromofluoromethane	*105*		*79 - 133*	*10/17/19 16:01*	*10/17/19 17:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*71 - 155*	*10/17/19 16:01*	*10/17/19 17:25*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*10/17/19 16:01*	*10/17/19 17:25*	*1*

Client Sample ID: CEB5-5FT
Date Collected: 10/16/19 11:25
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-9
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		51		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
Benzene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
Bromobenzene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
Bromochloromethane	ND		2.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
Bromodichloromethane	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
Bromoform	ND		5.1		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
Bromomethane	ND		20		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
2-Butanone	ND		20		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
Carbon disulfide	ND		10		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
Carbon tetrachloride	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
Chlorobenzene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
Chloroethane	ND		2.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
Chloroform	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
Chloromethane	ND		20		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
2-Chlorotoluene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
4-Chlorotoluene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
Dibromochloromethane	ND		2.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
1,2-Dibromoethane	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
Dibromomethane	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
1,1-Dichloroethane	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
1,2-Dichloroethane	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
1,1-Dichloroethene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
1,2-Dichloropropane	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
1,3-Dichloropropane	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
2,2-Dichloropropane	ND		5.1		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
1,1-Dichloropropene	ND		2.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
Di-isopropyl ether (DIPE)	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
Ethanol	ND	*	510		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
Ethylbenzene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
Ethyl-t-butyl ether (ETBE)	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
2-Hexanone	ND		20		ug/Kg		10/17/19 16:01	10/17/19 17:51	1

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

Client Sample ID: CEB5-5FT
Date Collected: 10/16/19 11:25
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-9
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
Methylene Chloride	ND		10		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
4-Methyl-2-pentanone	ND		20		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
m,p-Xylene	ND		2.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
Naphthalene	ND		10		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
n-Butylbenzene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
N-Propylbenzene	ND		2.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
o-Xylene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
p-Isopropyltoluene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
sec-Butylbenzene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
Styrene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
Tert-amyl-methyl ether (TAME)	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
tert-Butyl alcohol (TBA)	ND		20		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
tert-Butylbenzene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
Tetrachloroethene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
Toluene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
Trichloroethene	ND		2.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
Trichlorofluoromethane	ND		10		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
Vinyl acetate	ND		10		ug/Kg		10/17/19 16:01	10/17/19 17:51	1
Vinyl chloride	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 17:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*10/17/19 16:01*	*10/17/19 17:51*	*1*
Dibromofluoromethane	*100*		*79 - 133*	*10/17/19 16:01*	*10/17/19 17:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*71 - 155*	*10/17/19 16:01*	*10/17/19 17:51*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*10/17/19 16:01*	*10/17/19 17:51*	*1*

Client Sample ID: CEB5-15FT
Date Collected: 10/16/19 11:50
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-10
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		43		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
Benzene	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
Bromobenzene	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
Bromochloromethane	ND		1.7		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
Bromodichloromethane	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
Bromoform	ND		4.3		ug/Kg		10/17/19 16:01	10/17/19 18:17	1

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

Client Sample ID: CEB5-15FT
Date Collected: 10/16/19 11:50
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-10
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		17		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
2-Butanone	ND		17		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
Carbon disulfide	ND		8.5		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
Carbon tetrachloride	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
Chlorobenzene	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
Chloroethane	ND		1.7		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
Chloroform	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
Chloromethane	ND		17		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
2-Chlorotoluene	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
4-Chlorotoluene	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
cis-1,2-Dichloroethene	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
cis-1,3-Dichloropropene	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
Dibromochloromethane	ND		1.7		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
1,2-Dibromo-3-Chloropropane	ND		8.5		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
1,2-Dibromoethane	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
Dibromomethane	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
1,2-Dichlorobenzene	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
1,3-Dichlorobenzene	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
1,4-Dichlorobenzene	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
Dichlorodifluoromethane	ND		1.7		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
1,1-Dichloroethane	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
1,2-Dichloroethane	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
1,1-Dichloroethene	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
1,2-Dichloropropane	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
1,3-Dichloropropane	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
2,2-Dichloropropane	ND		4.3		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
1,1-Dichloropropene	ND		1.7		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
Di-isopropyl ether (DIPE)	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
Ethanol	ND	*	430		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
Ethylbenzene	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
Ethyl-t-butyl ether (ETBE)	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
2-Hexanone	ND		17		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
Isopropylbenzene	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
Methylene Chloride	ND		8.5		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
4-Methyl-2-pentanone	ND		17		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
Methyl-t-Butyl Ether (MTBE)	ND		1.7		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
m,p-Xylene	ND		1.7		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
Naphthalene	ND		8.5		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
n-Butylbenzene	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
N-Propylbenzene	ND		1.7		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
o-Xylene	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
p-Isopropyltoluene	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
sec-Butylbenzene	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
Styrene	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
Tert-amyl-methyl ether (TAME)	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
tert-Butyl alcohol (TBA)	ND		17		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
tert-Butylbenzene	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
1,1,1,2-Tetrachloroethane	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
1,1,2,2-Tetrachloroethane	ND		1.7		ug/Kg		10/17/19 16:01	10/17/19 18:17	1

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

Client Sample ID: CEB5-15FT
Date Collected: 10/16/19 11:50
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-10
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
Toluene	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
trans-1,2-Dichloroethene	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
trans-1,3-Dichloropropene	ND		1.7		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
1,2,3-Trichlorobenzene	ND		1.7		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
1,2,4-Trichlorobenzene	ND		1.7		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
1,1,1-Trichloroethane	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
1,1,2-Trichloroethane	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
Trichloroethene	ND		1.7		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
Trichlorofluoromethane	ND		8.5		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
1,2,3-Trichloropropane	ND		1.7		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.5		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
1,2,4-Trimethylbenzene	ND		1.7		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
1,3,5-Trimethylbenzene	ND		1.7		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
Vinyl acetate	ND		8.5		ug/Kg		10/17/19 16:01	10/17/19 18:17	1
Vinyl chloride	ND		0.85		ug/Kg		10/17/19 16:01	10/17/19 18:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*10/17/19 16:01*	*10/17/19 18:17*	*1*
Dibromofluoromethane	*101*		*79 - 133*	*10/17/19 16:01*	*10/17/19 18:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*114*		*71 - 155*	*10/17/19 16:01*	*10/17/19 18:17*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*10/17/19 16:01*	*10/17/19 18:17*	*1*

Client Sample ID: CEB6-7FT
Date Collected: 10/16/19 12:50
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-11
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		48		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
Benzene	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
Bromobenzene	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
Bromochloromethane	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
Bromodichloromethane	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
Bromoform	ND		4.8		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
Bromomethane	ND		19		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
2-Butanone	ND		19		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
Carbon disulfide	ND		9.5		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
Carbon tetrachloride	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
Chlorobenzene	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
Chloroethane	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
Chloroform	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
Chloromethane	ND		19		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
2-Chlorotoluene	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
4-Chlorotoluene	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
cis-1,2-Dichloroethene	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
cis-1,3-Dichloropropene	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
Dibromochloromethane	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
1,2-Dibromo-3-Chloropropane	ND		9.5		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
1,2-Dibromoethane	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
Dibromomethane	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
1,2-Dichlorobenzene	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1

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

Client Sample ID: CEB6-7FT
Date Collected: 10/16/19 12:50
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-11
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
1,4-Dichlorobenzene	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
Dichlorodifluoromethane	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
1,1-Dichloroethane	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
1,2-Dichloroethane	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
1,1-Dichloroethene	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
1,2-Dichloropropane	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
1,3-Dichloropropane	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
2,2-Dichloropropane	ND		4.8		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
1,1-Dichloropropene	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
Di-isopropyl ether (DIPE)	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
Ethanol	ND	*	480		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
Ethylbenzene	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
Ethyl-t-butyl ether (ETBE)	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
2-Hexanone	ND		19		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
Isopropylbenzene	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
Methylene Chloride	ND		9.5		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
4-Methyl-2-pentanone	ND		19		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
Methyl-t-Butyl Ether (MTBE)	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
m,p-Xylene	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
Naphthalene	ND		9.5		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
n-Butylbenzene	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
N-Propylbenzene	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
o-Xylene	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
p-Isopropyltoluene	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
sec-Butylbenzene	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
Styrene	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
Tert-amyl-methyl ether (TAME)	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
tert-Butyl alcohol (TBA)	ND		19		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
tert-Butylbenzene	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
1,1,1,2-Tetrachloroethane	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
1,1,2,2-Tetrachloroethane	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
Tetrachloroethene	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
Toluene	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
trans-1,2-Dichloroethene	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
trans-1,3-Dichloropropene	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
1,2,3-Trichlorobenzene	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
1,2,4-Trichlorobenzene	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
1,1,1-Trichloroethane	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
1,1,2-Trichloroethane	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
Trichloroethene	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
Trichlorofluoromethane	ND		9.5		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
1,2,3-Trichloropropane	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.5		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
1,2,4-Trimethylbenzene	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
1,3,5-Trimethylbenzene	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
Vinyl acetate	ND		9.5		ug/Kg		10/17/19 16:01	10/17/19 18:43	1
Vinyl chloride	ND		0.95		ug/Kg		10/17/19 16:01	10/17/19 18:43	1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		80 - 120	10/17/19 16:01	10/17/19 18:43	1
Dibromofluoromethane	91		79 - 133	10/17/19 16:01	10/17/19 18:43	1
1,2-Dichloroethane-d4 (Surr)	100		71 - 155	10/17/19 16:01	10/17/19 18:43	1
Toluene-d8 (Surr)	100		80 - 120	10/17/19 16:01	10/17/19 18:43	1

Client Sample ID: CEB7-5FT
Date Collected: 10/16/19 13:02
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-12
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		38		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
Benzene	ND		0.77		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
Bromobenzene	ND		0.77		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
Bromochloromethane	ND		1.5		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
Bromodichloromethane	ND		0.77		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
Bromoform	ND		3.8		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
Bromomethane	ND		15		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
2-Butanone	ND		15		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
Carbon disulfide	ND		7.7		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
Carbon tetrachloride	ND		0.77		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
Chlorobenzene	ND		0.77		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
Chloroethane	ND		1.5		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
Chloroform	ND		0.77		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
Chloromethane	ND		15		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
2-Chlorotoluene	ND		0.77		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
4-Chlorotoluene	ND		0.77		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
cis-1,2-Dichloroethene	ND		0.77		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
cis-1,3-Dichloropropene	ND		0.77		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
Dibromochloromethane	ND		1.5		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
1,2-Dibromo-3-Chloropropane	ND		7.7		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
1,2-Dibromoethane	ND		0.77		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
Dibromomethane	ND		0.77		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
1,2-Dichlorobenzene	ND		0.77		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
1,3-Dichlorobenzene	ND		0.77		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
1,4-Dichlorobenzene	ND		0.77		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
Dichlorodifluoromethane	ND		1.5		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
1,1-Dichloroethane	ND		0.77		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
1,2-Dichloroethane	ND		0.77		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
1,1-Dichloroethene	ND		0.77		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
1,2-Dichloropropane	ND		0.77		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
1,3-Dichloropropane	ND		0.77		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
2,2-Dichloropropane	ND		3.8		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
1,1-Dichloropropene	ND		1.5		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
Di-isopropyl ether (DIPE)	ND		0.77		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
Ethanol	ND	*	380		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
Ethylbenzene	ND		0.77		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
Ethyl-t-butyl ether (ETBE)	ND		0.77		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
2-Hexanone	ND		15		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
Isopropylbenzene	ND		0.77		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
Methylene Chloride	ND		7.7		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
4-Methyl-2-pentanone	ND		15		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
Methyl-t-Butyl Ether (MTBE)	ND		1.5		ug/Kg		10/17/19 16:01	10/17/19 19:08	1
m,p-Xylene	ND		1.5		ug/Kg		10/17/19 16:01	10/17/19 19:08	1

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

Client Sample ID: CEB7-5FT
Date Collected: 10/16/19 13:02
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-12
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		7.7	ug/Kg		10/17/19 16:01	10/17/19 19:08	1
n-Butylbenzene	ND		0.77	ug/Kg		10/17/19 16:01	10/17/19 19:08	1
N-Propylbenzene	ND		1.5	ug/Kg		10/17/19 16:01	10/17/19 19:08	1
o-Xylene	ND		0.77	ug/Kg		10/17/19 16:01	10/17/19 19:08	1
p-Isopropyltoluene	ND		0.77	ug/Kg		10/17/19 16:01	10/17/19 19:08	1
sec-Butylbenzene	ND		0.77	ug/Kg		10/17/19 16:01	10/17/19 19:08	1
Styrene	ND		0.77	ug/Kg		10/17/19 16:01	10/17/19 19:08	1
Tert-amyl-methyl ether (TAME)	ND		0.77	ug/Kg		10/17/19 16:01	10/17/19 19:08	1
tert-Butyl alcohol (TBA)	ND		15	ug/Kg		10/17/19 16:01	10/17/19 19:08	1
tert-Butylbenzene	ND		0.77	ug/Kg		10/17/19 16:01	10/17/19 19:08	1
1,1,1,2-Tetrachloroethane	ND		0.77	ug/Kg		10/17/19 16:01	10/17/19 19:08	1
1,1,2,2-Tetrachloroethane	ND		1.5	ug/Kg		10/17/19 16:01	10/17/19 19:08	1
Tetrachloroethene	ND		0.77	ug/Kg		10/17/19 16:01	10/17/19 19:08	1
Toluene	ND		0.77	ug/Kg		10/17/19 16:01	10/17/19 19:08	1
trans-1,2-Dichloroethene	ND		0.77	ug/Kg		10/17/19 16:01	10/17/19 19:08	1
trans-1,3-Dichloropropene	ND		1.5	ug/Kg		10/17/19 16:01	10/17/19 19:08	1
1,2,3-Trichlorobenzene	ND		1.5	ug/Kg		10/17/19 16:01	10/17/19 19:08	1
1,2,4-Trichlorobenzene	ND		1.5	ug/Kg		10/17/19 16:01	10/17/19 19:08	1
1,1,1-Trichloroethane	ND		0.77	ug/Kg		10/17/19 16:01	10/17/19 19:08	1
1,1,2-Trichloroethane	ND		0.77	ug/Kg		10/17/19 16:01	10/17/19 19:08	1
Trichloroethene	ND		1.5	ug/Kg		10/17/19 16:01	10/17/19 19:08	1
Trichlorofluoromethane	ND		7.7	ug/Kg		10/17/19 16:01	10/17/19 19:08	1
1,2,3-Trichloropropane	ND		1.5	ug/Kg		10/17/19 16:01	10/17/19 19:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.7	ug/Kg		10/17/19 16:01	10/17/19 19:08	1
1,2,4-Trimethylbenzene	ND		1.5	ug/Kg		10/17/19 16:01	10/17/19 19:08	1
1,3,5-Trimethylbenzene	ND		1.5	ug/Kg		10/17/19 16:01	10/17/19 19:08	1
Vinyl acetate	ND		7.7	ug/Kg		10/17/19 16:01	10/17/19 19:08	1
Vinyl chloride	ND		0.77	ug/Kg		10/17/19 16:01	10/17/19 19:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*10/17/19 16:01*	*10/17/19 19:08*	*1*
Dibromofluoromethane	*98*		*79 - 133*	*10/17/19 16:01*	*10/17/19 19:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*71 - 155*	*10/17/19 16:01*	*10/17/19 19:08*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*10/17/19 16:01*	*10/17/19 19:08*	*1*

Client Sample ID: CEB8-5FT
Date Collected: 10/16/19 13:25
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-13
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		40	ug/Kg		10/17/19 16:01	10/17/19 19:34	1
Benzene	ND		0.81	ug/Kg		10/17/19 16:01	10/17/19 19:34	1
Bromobenzene	ND		0.81	ug/Kg		10/17/19 16:01	10/17/19 19:34	1
Bromochloromethane	ND		1.6	ug/Kg		10/17/19 16:01	10/17/19 19:34	1
Bromodichloromethane	ND		0.81	ug/Kg		10/17/19 16:01	10/17/19 19:34	1
Bromoform	ND		4.0	ug/Kg		10/17/19 16:01	10/17/19 19:34	1
Bromomethane	ND		16	ug/Kg		10/17/19 16:01	10/17/19 19:34	1
2-Butanone	ND		16	ug/Kg		10/17/19 16:01	10/17/19 19:34	1
Carbon disulfide	ND		8.1	ug/Kg		10/17/19 16:01	10/17/19 19:34	1
Carbon tetrachloride	ND		0.81	ug/Kg		10/17/19 16:01	10/17/19 19:34	1
Chlorobenzene	ND		0.81	ug/Kg		10/17/19 16:01	10/17/19 19:34	1

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

Client Sample ID: CEB8-5FT
Date Collected: 10/16/19 13:25
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-13
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		1.6		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
Chloroform	ND		0.81		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
Chloromethane	ND		16		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
2-Chlorotoluene	ND		0.81		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
4-Chlorotoluene	ND		0.81		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
cis-1,2-Dichloroethene	ND		0.81		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
cis-1,3-Dichloropropene	ND		0.81		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
Dibromochloromethane	ND		1.6		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
1,2-Dibromo-3-Chloropropane	ND		8.1		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
1,2-Dibromoethane	ND		0.81		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
Dibromomethane	ND		0.81		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
1,2-Dichlorobenzene	ND		0.81		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
1,3-Dichlorobenzene	ND		0.81		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
1,4-Dichlorobenzene	ND		0.81		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
Dichlorodifluoromethane	ND		1.6		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
1,1-Dichloroethane	ND		0.81		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
1,2-Dichloroethane	ND		0.81		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
1,1-Dichloroethene	ND		0.81		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
1,2-Dichloropropane	ND		0.81		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
1,3-Dichloropropane	ND		0.81		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
2,2-Dichloropropane	ND		4.0		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
1,1-Dichloropropene	ND		1.6		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
Di-isopropyl ether (DIPE)	ND		0.81		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
Ethanol	ND	*	400		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
Ethylbenzene	ND		0.81		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
Ethyl-t-butyl ether (ETBE)	ND		0.81		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
2-Hexanone	ND		16		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
Isopropylbenzene	ND		0.81		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
Methylene Chloride	ND		8.1		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
4-Methyl-2-pentanone	ND		16		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
Methyl-t-Butyl Ether (MTBE)	ND		1.6		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
m,p-Xylene	ND		1.6		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
Naphthalene	ND		8.1		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
n-Butylbenzene	ND		0.81		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
N-Propylbenzene	ND		1.6		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
o-Xylene	ND		0.81		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
p-Isopropyltoluene	ND		0.81		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
sec-Butylbenzene	ND		0.81		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
Styrene	ND		0.81		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
Tert-amyl-methyl ether (TAME)	ND		0.81		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
tert-Butyl alcohol (TBA)	ND		16		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
tert-Butylbenzene	ND		0.81		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
1,1,1,2-Tetrachloroethane	ND		0.81		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
1,1,2,2-Tetrachloroethane	ND		1.6		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
Tetrachloroethene	ND		0.81		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
Toluene	ND		0.81		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
trans-1,2-Dichloroethene	ND		0.81		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
trans-1,3-Dichloropropene	ND		1.6		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
1,2,3-Trichlorobenzene	ND		1.6		ug/Kg		10/17/19 16:01	10/17/19 19:34	1

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

Client Sample ID: CEB8-5FT
Date Collected: 10/16/19 13:25
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-13
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.6		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
1,1,1-Trichloroethane	ND		0.81		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
1,1,2-Trichloroethane	ND		0.81		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
Trichloroethene	ND		1.6		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
Trichlorofluoromethane	ND		8.1		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
1,2,3-Trichloropropane	ND		1.6		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.1		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
1,2,4-Trimethylbenzene	ND		1.6		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
1,3,5-Trimethylbenzene	ND		1.6		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
Vinyl acetate	ND		8.1		ug/Kg		10/17/19 16:01	10/17/19 19:34	1
Vinyl chloride	ND		0.81		ug/Kg		10/17/19 16:01	10/17/19 19:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*10/17/19 16:01*	*10/17/19 19:34*	*1*
Dibromofluoromethane	*102*		*79 - 133*	*10/17/19 16:01*	*10/17/19 19:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*71 - 155*	*10/17/19 16:01*	*10/17/19 19:34*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*10/17/19 16:01*	*10/17/19 19:34*	*1*

Client Sample ID: CEB9-5FT
Date Collected: 10/16/19 13:35
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-14
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		51		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
Benzene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
Bromobenzene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
Bromochloromethane	ND		2.1		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
Bromodichloromethane	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
Bromoform	ND		5.1		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
Bromomethane	ND		21		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
2-Butanone	ND		21		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
Carbon disulfide	ND		10		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
Carbon tetrachloride	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
Chlorobenzene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
Chloroethane	ND		2.1		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
Chloroform	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
Chloromethane	ND		21		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
2-Chlorotoluene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
4-Chlorotoluene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
Dibromochloromethane	ND		2.1		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
1,2-Dibromoethane	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
Dibromomethane	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
Dichlorodifluoromethane	ND		2.1		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
1,1-Dichloroethane	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
1,2-Dichloroethane	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1

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

Client Sample ID: CEB9-5FT
Date Collected: 10/16/19 13:35
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-14
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
1,2-Dichloropropane	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
1,3-Dichloropropane	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
2,2-Dichloropropane	ND		5.1		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
1,1-Dichloropropene	ND		2.1		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
Di-isopropyl ether (DIPE)	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
Ethanol	ND	*	510		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
Ethylbenzene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
Ethyl-t-butyl ether (ETBE)	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
2-Hexanone	ND		21		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
Isopropylbenzene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
Methylene Chloride	ND		10		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
4-Methyl-2-pentanone	ND		21		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
Methyl-t-Butyl Ether (MTBE)	ND		2.1		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
m,p-Xylene	ND		2.1		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
Naphthalene	ND		10		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
n-Butylbenzene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
N-Propylbenzene	ND		2.1		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
o-Xylene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
p-Isopropyltoluene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
sec-Butylbenzene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
Styrene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
Tert-amyl-methyl ether (TAME)	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
tert-Butyl alcohol (TBA)	ND		21		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
tert-Butylbenzene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
1,1,2,2-Tetrachloroethane	ND		2.1		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
Tetrachloroethene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
Toluene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
trans-1,3-Dichloropropene	ND		2.1		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
1,2,3-Trichlorobenzene	ND		2.1		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
1,2,4-Trichlorobenzene	ND		2.1		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
Trichloroethene	ND		2.1		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
Trichlorofluoromethane	ND		10		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
1,2,3-Trichloropropane	ND		2.1		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
1,2,4-Trimethylbenzene	ND		2.1		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
1,3,5-Trimethylbenzene	ND		2.1		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
Vinyl acetate	ND		10		ug/Kg		10/17/19 16:01	10/17/19 20:00	1
Vinyl chloride	ND		1.0		ug/Kg		10/17/19 16:01	10/17/19 20:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*10/17/19 16:01*	*10/17/19 20:00*	*1*
Dibromofluoromethane	*97*		*79 - 133*	*10/17/19 16:01*	*10/17/19 20:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*71 - 155*	*10/17/19 16:01*	*10/17/19 20:00*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*10/17/19 16:01*	*10/17/19 20:00*	*1*

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

Client Sample ID: CEB10-7FT
Date Collected: 10/16/19 13:55
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-15
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		47		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
Benzene	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
Bromobenzene	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
Bromochloromethane	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
Bromodichloromethane	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
Bromoform	ND		4.7		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
Bromomethane	ND		19		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
2-Butanone	ND		19		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
Carbon disulfide	ND		9.3		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
Carbon tetrachloride	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
Chlorobenzene	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
Chloroethane	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
Chloroform	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
Chloromethane	ND		19		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
2-Chlorotoluene	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
4-Chlorotoluene	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
cis-1,2-Dichloroethene	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
cis-1,3-Dichloropropene	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
Dibromochloromethane	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
1,2-Dibromo-3-Chloropropane	ND		9.3		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
1,2-Dibromoethane	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
Dibromomethane	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
1,2-Dichlorobenzene	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
1,3-Dichlorobenzene	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
1,4-Dichlorobenzene	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
Dichlorodifluoromethane	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
1,1-Dichloroethane	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
1,2-Dichloroethane	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
1,1-Dichloroethene	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
1,2-Dichloropropane	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
1,3-Dichloropropane	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
2,2-Dichloropropane	ND		4.7		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
1,1-Dichloropropene	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
Di-isopropyl ether (DIPE)	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
Ethanol	ND	*	470		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
Ethylbenzene	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
Ethyl-t-butyl ether (ETBE)	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
2-Hexanone	ND		19		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
Isopropylbenzene	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
Methylene Chloride	ND		9.3		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
4-Methyl-2-pentanone	ND		19		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
Methyl-t-Butyl Ether (MTBE)	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
m,p-Xylene	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
Naphthalene	ND		9.3		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
n-Butylbenzene	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
N-Propylbenzene	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
o-Xylene	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
p-Isopropyltoluene	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
sec-Butylbenzene	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1

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

Client Sample ID: CEB10-7FT
Date Collected: 10/16/19 13:55
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-15
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
Tert-amyl-methyl ether (TAME)	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
tert-Butyl alcohol (TBA)	ND		19		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
tert-Butylbenzene	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
1,1,1,2-Tetrachloroethane	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
1,1,2,2-Tetrachloroethane	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
Tetrachloroethene	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
Toluene	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
trans-1,2-Dichloroethene	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
trans-1,3-Dichloropropene	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
1,2,3-Trichlorobenzene	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
1,2,4-Trichlorobenzene	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
1,1,1-Trichloroethane	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
1,1,2-Trichloroethane	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
Trichloroethene	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
Trichlorofluoromethane	ND		9.3		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
1,2,3-Trichloropropane	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.3		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
1,2,4-Trimethylbenzene	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
1,3,5-Trimethylbenzene	ND		1.9		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
Vinyl acetate	ND		9.3		ug/Kg		10/17/19 16:01	10/17/19 20:26	1
Vinyl chloride	ND		0.93		ug/Kg		10/17/19 16:01	10/17/19 20:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*10/17/19 16:01*	*10/17/19 20:26*	*1*
Dibromofluoromethane	*102*		*79 - 133*	*10/17/19 16:01*	*10/17/19 20:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*116*		*71 - 155*	*10/17/19 16:01*	*10/17/19 20:26*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*10/17/19 16:01*	*10/17/19 20:26*	*1*

Client Sample ID: CEB11-5FT
Date Collected: 10/16/19 14:05
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-16
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		45		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
Benzene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
Bromobenzene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
Bromochloromethane	ND		1.8		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
Bromodichloromethane	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
Bromoform	ND		4.5		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
Bromomethane	ND		18		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
2-Butanone	ND		18		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
Carbon disulfide	ND		8.9		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
Carbon tetrachloride	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
Chlorobenzene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
Chloroethane	ND		1.8		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
Chloroform	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
Chloromethane	ND		18		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
2-Chlorotoluene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
4-Chlorotoluene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
cis-1,2-Dichloroethene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1

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

Client Sample ID: CEB11-5FT
Date Collected: 10/16/19 14:05
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-16
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
Dibromochloromethane	ND		1.8		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
1,2-Dibromo-3-Chloropropane	ND		8.9		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
1,2-Dibromoethane	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
Dibromomethane	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
1,2-Dichlorobenzene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
1,3-Dichlorobenzene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
1,4-Dichlorobenzene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
Dichlorodifluoromethane	ND		1.8		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
1,1-Dichloroethane	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
1,2-Dichloroethane	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
1,1-Dichloroethene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
1,2-Dichloropropane	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
1,3-Dichloropropane	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
2,2-Dichloropropane	ND		4.5		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
1,1-Dichloropropene	ND		1.8		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
Di-isopropyl ether (DIPE)	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
Ethanol	ND		450		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
Ethylbenzene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
Ethyl-t-butyl ether (ETBE)	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
2-Hexanone	ND		18		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
Isopropylbenzene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
Methylene Chloride	ND		8.9		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
4-Methyl-2-pentanone	ND		18		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
Methyl-t-Butyl Ether (MTBE)	ND		1.8		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
m,p-Xylene	ND		1.8		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
Naphthalene	ND		8.9		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
n-Butylbenzene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
N-Propylbenzene	ND		1.8		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
o-Xylene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
p-Isopropyltoluene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
sec-Butylbenzene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
Styrene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
Tert-amyl-methyl ether (TAME)	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
tert-Butyl alcohol (TBA)	ND		18		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
tert-Butylbenzene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
1,1,1,2-Tetrachloroethane	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
1,1,2,2-Tetrachloroethane	ND		1.8		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
Tetrachloroethene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
Toluene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
trans-1,2-Dichloroethene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
trans-1,3-Dichloropropene	ND		1.8		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
1,2,3-Trichlorobenzene	ND		1.8		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
1,2,4-Trichlorobenzene	ND		1.8		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
1,1,1-Trichloroethane	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
1,1,2-Trichloroethane	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
Trichloroethene	ND		1.8		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
Trichlorofluoromethane	ND		8.9		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
1,2,3-Trichloropropane	ND		1.8		ug/Kg		10/17/19 16:01	10/18/19 22:08	1

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

Client Sample ID: CEB11-5FT
Date Collected: 10/16/19 14:05
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-16
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.9		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
1,2,4-Trimethylbenzene	ND		1.8		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
1,3,5-Trimethylbenzene	ND		1.8		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
Vinyl acetate	ND		8.9		ug/Kg		10/17/19 16:01	10/18/19 22:08	1
Vinyl chloride	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 22:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*10/17/19 16:01*	*10/18/19 22:08*	*1*
Dibromofluoromethane	*112*		*79 - 133*	*10/17/19 16:01*	*10/18/19 22:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*122*		*71 - 155*	*10/17/19 16:01*	*10/18/19 22:08*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*10/17/19 16:01*	*10/18/19 22:08*	*1*

Client Sample ID: CEB12-5FT
Date Collected: 10/16/19 14:15
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-17
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		51		ug/Kg		10/17/19 16:01	10/18/19 22:36	1
Benzene	ND		1.0		ug/Kg		10/17/19 16:01	10/18/19 22:36	1
Bromobenzene	ND		1.0		ug/Kg		10/17/19 16:01	10/18/19 22:36	1
Bromochloromethane	ND		2.0		ug/Kg		10/17/19 16:01	10/18/19 22:36	1
Bromodichloromethane	ND		1.0		ug/Kg		10/17/19 16:01	10/18/19 22:36	1
Bromoform	ND		5.1		ug/Kg		10/17/19 16:01	10/18/19 22:36	1
Bromomethane	ND		20		ug/Kg		10/17/19 16:01	10/18/19 22:36	1
2-Butanone	ND		20		ug/Kg		10/17/19 16:01	10/18/19 22:36	1
Carbon disulfide	ND		10		ug/Kg		10/17/19 16:01	10/18/19 22:36	1
Carbon tetrachloride	ND		1.0		ug/Kg		10/17/19 16:01	10/18/19 22:36	1
Chlorobenzene	ND		1.0		ug/Kg		10/17/19 16:01	10/18/19 22:36	1
Chloroethane	ND		2.0		ug/Kg		10/17/19 16:01	10/18/19 22:36	1
Chloroform	ND		1.0		ug/Kg		10/17/19 16:01	10/18/19 22:36	1
Chloromethane	ND		20		ug/Kg		10/17/19 16:01	10/18/19 22:36	1
2-Chlorotoluene	ND		1.0		ug/Kg		10/17/19 16:01	10/18/19 22:36	1
4-Chlorotoluene	ND		1.0		ug/Kg		10/17/19 16:01	10/18/19 22:36	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		10/17/19 16:01	10/18/19 22:36	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		10/17/19 16:01	10/18/19 22:36	1
Dibromochloromethane	ND		2.0		ug/Kg		10/17/19 16:01	10/18/19 22:36	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		10/17/19 16:01	10/18/19 22:36	1
1,2-Dibromoethane	ND		1.0		ug/Kg		10/17/19 16:01	10/18/19 22:36	1
Dibromomethane	ND		1.0		ug/Kg		10/17/19 16:01	10/18/19 22:36	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		10/17/19 16:01	10/18/19 22:36	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		10/17/19 16:01	10/18/19 22:36	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		10/17/19 16:01	10/18/19 22:36	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		10/17/19 16:01	10/18/19 22:36	1
1,1-Dichloroethane	ND		1.0		ug/Kg		10/17/19 16:01	10/18/19 22:36	1
1,2-Dichloroethane	ND		1.0		ug/Kg		10/17/19 16:01	10/18/19 22:36	1
1,1-Dichloroethene	ND		1.0		ug/Kg		10/17/19 16:01	10/18/19 22:36	1
1,2-Dichloropropane	ND		1.0		ug/Kg		10/17/19 16:01	10/18/19 22:36	1
1,3-Dichloropropane	ND		1.0		ug/Kg		10/17/19 16:01	10/18/19 22:36	1
2,2-Dichloropropane	ND		5.1		ug/Kg		10/17/19 16:01	10/18/19 22:36	1
1,1-Dichloropropene	ND		2.0		ug/Kg		10/17/19 16:01	10/18/19 22:36	1
Di-isopropyl ether (DIPE)	ND		1.0		ug/Kg		10/17/19 16:01	10/18/19 22:36	1

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

Client Sample ID: CEB12-5FT
Date Collected: 10/16/19 14:15
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-17
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	ND		510	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
Ethylbenzene	ND		1.0	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
Ethyl-t-butyl ether (ETBE)	ND		1.0	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
2-Hexanone	ND		20	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
Isopropylbenzene	ND		1.0	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
Methylene Chloride	ND		10	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
4-Methyl-2-pentanone	ND		20	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
m,p-Xylene	ND		2.0	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
Naphthalene	ND		10	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
n-Butylbenzene	ND		1.0	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
N-Propylbenzene	ND		2.0	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
o-Xylene	ND		1.0	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
p-Isopropyltoluene	ND		1.0	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
sec-Butylbenzene	ND		1.0	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
Styrene	ND		1.0	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
Tert-amyl-methyl ether (TAME)	ND		1.0	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
tert-Butyl alcohol (TBA)	ND		20	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
tert-Butylbenzene	ND		1.0	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
1,1,1,2-Tetrachloroethane	ND		1.0	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
Tetrachloroethene	ND		1.0	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
Toluene	ND		1.0	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
trans-1,2-Dichloroethene	ND		1.0	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
trans-1,3-Dichloropropene	ND		2.0	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
1,2,3-Trichlorobenzene	ND		2.0	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
1,2,4-Trichlorobenzene	ND		2.0	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
1,1,1-Trichloroethane	ND		1.0	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
1,1,2-Trichloroethane	ND		1.0	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
Trichloroethene	ND		2.0	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
Trichlorofluoromethane	ND		10	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
1,2,3-Trichloropropane	ND		2.0	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
1,2,4-Trimethylbenzene	ND		2.0	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
1,3,5-Trimethylbenzene	ND		2.0	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
Vinyl acetate	ND		10	ug/Kg		10/17/19 16:01	10/18/19 22:36	1
Vinyl chloride	ND		1.0	ug/Kg		10/17/19 16:01	10/18/19 22:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*10/17/19 16:01*	*10/18/19 22:36*	*1*
Dibromofluoromethane	*109*		*79 - 133*	*10/17/19 16:01*	*10/18/19 22:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*71 - 155*	*10/17/19 16:01*	*10/18/19 22:36*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*10/17/19 16:01*	*10/18/19 22:36*	*1*

Client Sample ID: CEB13-5FT
Date Collected: 10/16/19 14:25
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-18
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		44	ug/Kg		10/17/19 16:01	10/18/19 23:04	1
Benzene	ND		0.89	ug/Kg		10/17/19 16:01	10/18/19 23:04	1

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

Client Sample ID: CEB13-5FT
Date Collected: 10/16/19 14:25
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-18
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromobenzene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
Bromochloromethane	ND		1.8		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
Bromodichloromethane	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
Bromoform	ND		4.4		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
Bromomethane	ND		18		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
2-Butanone	ND		18		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
Carbon disulfide	ND		8.9		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
Carbon tetrachloride	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
Chlorobenzene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
Chloroethane	ND		1.8		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
Chloroform	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
Chloromethane	ND		18		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
2-Chlorotoluene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
4-Chlorotoluene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
cis-1,2-Dichloroethene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
cis-1,3-Dichloropropene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
Dibromochloromethane	ND		1.8		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
1,2-Dibromo-3-Chloropropane	ND		8.9		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
1,2-Dibromoethane	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
Dibromomethane	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
1,2-Dichlorobenzene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
1,3-Dichlorobenzene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
1,4-Dichlorobenzene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
Dichlorodifluoromethane	ND		1.8		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
1,1-Dichloroethane	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
1,2-Dichloroethane	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
1,1-Dichloroethene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
1,2-Dichloropropane	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
1,3-Dichloropropane	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
2,2-Dichloropropane	ND		4.4		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
1,1-Dichloropropene	ND		1.8		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
Di-isopropyl ether (DIPE)	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
Ethanol	ND		440		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
Ethylbenzene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
Ethyl-t-butyl ether (ETBE)	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
2-Hexanone	ND		18		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
Isopropylbenzene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
Methylene Chloride	ND		8.9		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
4-Methyl-2-pentanone	ND		18		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
Methyl-t-Butyl Ether (MTBE)	ND		1.8		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
m,p-Xylene	ND		1.8		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
Naphthalene	ND		8.9		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
n-Butylbenzene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
N-Propylbenzene	ND		1.8		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
o-Xylene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
p-Isopropyltoluene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
sec-Butylbenzene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
Styrene	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 23:04	1
Tert-amyl-methyl ether (TAME)	ND		0.89		ug/Kg		10/17/19 16:01	10/18/19 23:04	1

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

Client Sample ID: CEB13-5FT
Date Collected: 10/16/19 14:25
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-18
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol (TBA)	ND		18	ug/Kg		10/17/19 16:01	10/18/19 23:04	1
tert-Butylbenzene	ND		0.89	ug/Kg		10/17/19 16:01	10/18/19 23:04	1
1,1,1,2-Tetrachloroethane	ND		0.89	ug/Kg		10/17/19 16:01	10/18/19 23:04	1
1,1,2,2-Tetrachloroethane	ND		1.8	ug/Kg		10/17/19 16:01	10/18/19 23:04	1
Tetrachloroethene	ND		0.89	ug/Kg		10/17/19 16:01	10/18/19 23:04	1
Toluene	ND		0.89	ug/Kg		10/17/19 16:01	10/18/19 23:04	1
trans-1,2-Dichloroethene	ND		0.89	ug/Kg		10/17/19 16:01	10/18/19 23:04	1
trans-1,3-Dichloropropene	ND		1.8	ug/Kg		10/17/19 16:01	10/18/19 23:04	1
1,2,3-Trichlorobenzene	ND		1.8	ug/Kg		10/17/19 16:01	10/18/19 23:04	1
1,2,4-Trichlorobenzene	ND		1.8	ug/Kg		10/17/19 16:01	10/18/19 23:04	1
1,1,1-Trichloroethane	ND		0.89	ug/Kg		10/17/19 16:01	10/18/19 23:04	1
1,1,2-Trichloroethane	ND		0.89	ug/Kg		10/17/19 16:01	10/18/19 23:04	1
Trichloroethene	ND		1.8	ug/Kg		10/17/19 16:01	10/18/19 23:04	1
Trichlorofluoromethane	ND		8.9	ug/Kg		10/17/19 16:01	10/18/19 23:04	1
1,2,3-Trichloropropane	ND		1.8	ug/Kg		10/17/19 16:01	10/18/19 23:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.9	ug/Kg		10/17/19 16:01	10/18/19 23:04	1
1,2,4-Trimethylbenzene	ND		1.8	ug/Kg		10/17/19 16:01	10/18/19 23:04	1
1,3,5-Trimethylbenzene	ND		1.8	ug/Kg		10/17/19 16:01	10/18/19 23:04	1
Vinyl acetate	ND		8.9	ug/Kg		10/17/19 16:01	10/18/19 23:04	1
Vinyl chloride	ND		0.89	ug/Kg		10/17/19 16:01	10/18/19 23:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*10/17/19 16:01*	*10/18/19 23:04*	*1*
Dibromofluoromethane	*111*		*79 - 133*	*10/17/19 16:01*	*10/18/19 23:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*118*		*71 - 155*	*10/17/19 16:01*	*10/18/19 23:04*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*10/17/19 16:01*	*10/18/19 23:04*	*1*

Client Sample ID: CEB13-17FT
Date Collected: 10/16/19 14:45
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-19
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		47	ug/Kg		10/17/19 16:01	10/18/19 23:33	1
Benzene	ND		0.94	ug/Kg		10/17/19 16:01	10/18/19 23:33	1
Bromobenzene	ND		0.94	ug/Kg		10/17/19 16:01	10/18/19 23:33	1
Bromochloromethane	ND		1.9	ug/Kg		10/17/19 16:01	10/18/19 23:33	1
Bromodichloromethane	ND		0.94	ug/Kg		10/17/19 16:01	10/18/19 23:33	1
Bromoform	ND		4.7	ug/Kg		10/17/19 16:01	10/18/19 23:33	1
Bromomethane	ND		19	ug/Kg		10/17/19 16:01	10/18/19 23:33	1
2-Butanone	ND		19	ug/Kg		10/17/19 16:01	10/18/19 23:33	1
Carbon disulfide	ND		9.4	ug/Kg		10/17/19 16:01	10/18/19 23:33	1
Carbon tetrachloride	ND		0.94	ug/Kg		10/17/19 16:01	10/18/19 23:33	1
Chlorobenzene	ND		0.94	ug/Kg		10/17/19 16:01	10/18/19 23:33	1
Chloroethane	ND		1.9	ug/Kg		10/17/19 16:01	10/18/19 23:33	1
Chloroform	ND		0.94	ug/Kg		10/17/19 16:01	10/18/19 23:33	1
Chloromethane	ND		19	ug/Kg		10/17/19 16:01	10/18/19 23:33	1
2-Chlorotoluene	ND		0.94	ug/Kg		10/17/19 16:01	10/18/19 23:33	1
4-Chlorotoluene	ND		0.94	ug/Kg		10/17/19 16:01	10/18/19 23:33	1
cis-1,2-Dichloroethene	ND		0.94	ug/Kg		10/17/19 16:01	10/18/19 23:33	1
cis-1,3-Dichloropropene	ND		0.94	ug/Kg		10/17/19 16:01	10/18/19 23:33	1
Dibromochloromethane	ND		1.9	ug/Kg		10/17/19 16:01	10/18/19 23:33	1

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

Client Sample ID: CEB13-17FT
Date Collected: 10/16/19 14:45
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-19
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		9.4		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
1,2-Dibromoethane	ND		0.94		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
Dibromomethane	ND		0.94		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
1,2-Dichlorobenzene	ND		0.94		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
1,3-Dichlorobenzene	ND		0.94		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
1,4-Dichlorobenzene	ND		0.94		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
Dichlorodifluoromethane	ND		1.9		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
1,1-Dichloroethane	ND		0.94		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
1,2-Dichloroethane	ND		0.94		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
1,1-Dichloroethene	ND		0.94		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
1,2-Dichloropropane	ND		0.94		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
1,3-Dichloropropane	ND		0.94		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
2,2-Dichloropropane	ND		4.7		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
1,1-Dichloropropene	ND		1.9		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
Di-isopropyl ether (DIPE)	ND		0.94		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
Ethanol	ND		470		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
Ethylbenzene	ND		0.94		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
Ethyl-t-butyl ether (ETBE)	ND		0.94		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
2-Hexanone	ND		19		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
Isopropylbenzene	ND		0.94		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
Methylene Chloride	ND		9.4		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
4-Methyl-2-pentanone	ND		19		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
Methyl-t-Butyl Ether (MTBE)	ND		1.9		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
m,p-Xylene	ND		1.9		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
Naphthalene	ND		9.4		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
n-Butylbenzene	ND		0.94		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
N-Propylbenzene	ND		1.9		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
o-Xylene	ND		0.94		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
p-Isopropyltoluene	ND		0.94		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
sec-Butylbenzene	ND		0.94		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
Styrene	ND		0.94		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
Tert-amyl-methyl ether (TAME)	ND		0.94		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
tert-Butyl alcohol (TBA)	ND		19		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
tert-Butylbenzene	ND		0.94		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
1,1,1,2-Tetrachloroethane	ND		0.94		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
1,1,2,2-Tetrachloroethane	ND		1.9		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
Tetrachloroethene	ND		0.94		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
Toluene	ND		0.94		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
trans-1,2-Dichloroethene	ND		0.94		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
trans-1,3-Dichloropropene	ND		1.9		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
1,2,3-Trichlorobenzene	ND		1.9		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
1,2,4-Trichlorobenzene	ND		1.9		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
1,1,1-Trichloroethane	ND		0.94		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
1,1,2-Trichloroethane	ND		0.94		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
Trichloroethene	ND		1.9		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
Trichlorofluoromethane	ND		9.4		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
1,2,3-Trichloropropane	ND		1.9		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.4		ug/Kg		10/17/19 16:01	10/18/19 23:33	1
1,2,4-Trimethylbenzene	ND		1.9		ug/Kg		10/17/19 16:01	10/18/19 23:33	1

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

Client Sample ID: CEB13-17FT
Date Collected: 10/16/19 14:45
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-19
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND		1.9	ug/Kg		10/17/19 16:01	10/18/19 23:33	1
Vinyl acetate	ND		9.4	ug/Kg		10/17/19 16:01	10/18/19 23:33	1
Vinyl chloride	ND		0.94	ug/Kg		10/17/19 16:01	10/18/19 23:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*10/17/19 16:01*	*10/18/19 23:33*	*1*
Dibromofluoromethane	*114*		*79 - 133*	*10/17/19 16:01*	*10/18/19 23:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*122*		*71 - 155*	*10/17/19 16:01*	*10/18/19 23:33*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*10/17/19 16:01*	*10/18/19 23:33*	*1*

Client Sample ID: CEB14-5FT
Date Collected: 10/16/19 15:15
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-20
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		53	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
Benzene	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
Bromobenzene	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
Bromochloromethane	ND		2.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
Bromodichloromethane	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
Bromoform	ND		5.3	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
Bromomethane	ND		21	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
2-Butanone	ND		21	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
Carbon disulfide	ND		11	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
Carbon tetrachloride	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
Chlorobenzene	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
Chloroethane	ND		2.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
Chloroform	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
Chloromethane	ND		21	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
2-Chlorotoluene	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
4-Chlorotoluene	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
cis-1,2-Dichloroethene	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
cis-1,3-Dichloropropene	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
Dibromochloromethane	ND		2.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
1,2-Dibromo-3-Chloropropane	ND		11	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
1,2-Dibromoethane	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
Dibromomethane	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
1,2-Dichlorobenzene	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
1,3-Dichlorobenzene	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
1,4-Dichlorobenzene	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
Dichlorodifluoromethane	ND		2.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
1,1-Dichloroethane	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
1,2-Dichloroethane	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
1,1-Dichloroethene	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
1,2-Dichloropropane	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
1,3-Dichloropropane	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
2,2-Dichloropropane	ND		5.3	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
1,1-Dichloropropene	ND		2.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
Di-isopropyl ether (DIPE)	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
Ethanol	ND		530	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
Ethylbenzene	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1

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

Client Sample ID: CEB14-5FT
Date Collected: 10/16/19 15:15
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-20
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
2-Hexanone	ND		21	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
Isopropylbenzene	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
Methylene Chloride	ND		11	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
4-Methyl-2-pentanone	ND		21	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
Methyl-t-Butyl Ether (MTBE)	ND		2.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
m,p-Xylene	ND		2.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
Naphthalene	ND		11	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
n-Butylbenzene	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
N-Propylbenzene	ND		2.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
o-Xylene	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
p-Isopropyltoluene	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
sec-Butylbenzene	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
Styrene	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
Tert-amyl-methyl ether (TAME)	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
tert-Butyl alcohol (TBA)	ND		21	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
tert-Butylbenzene	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
1,1,1,2-Tetrachloroethane	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
1,1,2,2-Tetrachloroethane	ND		2.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
Tetrachloroethene	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
Toluene	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
trans-1,2-Dichloroethene	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
trans-1,3-Dichloropropene	ND		2.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
1,2,3-Trichlorobenzene	ND		2.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
1,2,4-Trichlorobenzene	ND		2.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
1,1,1-Trichloroethane	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
1,1,2-Trichloroethane	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
Trichloroethene	ND		2.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
Trichlorofluoromethane	ND		11	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
1,2,3-Trichloropropane	ND		2.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
1,2,4-Trimethylbenzene	ND		2.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
1,3,5-Trimethylbenzene	ND		2.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
Vinyl acetate	ND		11	ug/Kg		10/17/19 16:01	10/19/19 00:30	1
Vinyl chloride	ND		1.1	ug/Kg		10/17/19 16:01	10/19/19 00:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*10/17/19 16:01*	*10/19/19 00:30*	*1*
Dibromofluoromethane	*110*		*79 - 133*	*10/17/19 16:01*	*10/19/19 00:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*121*		*71 - 155*	*10/17/19 16:01*	*10/19/19 00:30*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*10/17/19 16:01*	*10/19/19 00:30*	*1*

Client Sample ID: CEB15-5FT
Date Collected: 10/16/19 15:25
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-21
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		48	ug/Kg		10/17/19 16:01	10/19/19 00:01	1
Benzene	ND		0.96	ug/Kg		10/17/19 16:01	10/19/19 00:01	1
Bromobenzene	ND		0.96	ug/Kg		10/17/19 16:01	10/19/19 00:01	1
Bromochloromethane	ND		1.9	ug/Kg		10/17/19 16:01	10/19/19 00:01	1

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

Client Sample ID: CEB15-5FT
Date Collected: 10/16/19 15:25
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-21
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
Bromoform	ND		4.8		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
Bromomethane	ND		19		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
2-Butanone	ND		19		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
Carbon disulfide	ND		9.6		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
Carbon tetrachloride	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
Chlorobenzene	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
Chloroethane	ND		1.9		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
Chloroform	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
Chloromethane	ND		19		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
2-Chlorotoluene	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
4-Chlorotoluene	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
cis-1,2-Dichloroethene	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
cis-1,3-Dichloropropene	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
Dibromochloromethane	ND		1.9		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
1,2-Dibromo-3-Chloropropane	ND		9.6		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
1,2-Dibromoethane	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
Dibromomethane	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
1,2-Dichlorobenzene	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
1,3-Dichlorobenzene	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
1,4-Dichlorobenzene	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
Dichlorodifluoromethane	ND		1.9		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
1,1-Dichloroethane	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
1,2-Dichloroethane	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
1,1-Dichloroethene	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
1,2-Dichloropropane	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
1,3-Dichloropropane	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
2,2-Dichloropropane	ND		4.8		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
1,1-Dichloropropene	ND		1.9		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
Di-isopropyl ether (DIPE)	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
Ethanol	ND		480		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
Ethylbenzene	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
Ethyl-t-butyl ether (ETBE)	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
2-Hexanone	ND		19		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
Isopropylbenzene	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
Methylene Chloride	ND		9.6		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
4-Methyl-2-pentanone	ND		19		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
Methyl-t-Butyl Ether (MTBE)	ND		1.9		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
m,p-Xylene	ND		1.9		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
Naphthalene	ND		9.6		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
n-Butylbenzene	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
N-Propylbenzene	ND		1.9		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
o-Xylene	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
p-Isopropyltoluene	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
sec-Butylbenzene	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
Styrene	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
Tert-amyl-methyl ether (TAME)	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
tert-Butyl alcohol (TBA)	ND		19		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
tert-Butylbenzene	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1

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

Client Sample ID: CEB15-5FT
Date Collected: 10/16/19 15:25
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-21
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
1,1,2,2-Tetrachloroethane	ND		1.9		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
Tetrachloroethene	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
Toluene	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
trans-1,2-Dichloroethene	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
trans-1,3-Dichloropropene	ND		1.9		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
1,2,3-Trichlorobenzene	ND		1.9		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
1,2,4-Trichlorobenzene	ND		1.9		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
1,1,1-Trichloroethane	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
1,1,2-Trichloroethane	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
Trichloroethene	ND		1.9		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
Trichlorofluoromethane	ND		9.6		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
1,2,3-Trichloropropane	ND		1.9		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.6		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
1,2,4-Trimethylbenzene	ND		1.9		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
1,3,5-Trimethylbenzene	ND		1.9		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
Vinyl acetate	ND		9.6		ug/Kg		10/17/19 16:01	10/19/19 00:01	1
Vinyl chloride	ND		0.96		ug/Kg		10/17/19 16:01	10/19/19 00:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*10/17/19 16:01*	*10/19/19 00:01*	*1*
Dibromofluoromethane	*109*		*79 - 133*	*10/17/19 16:01*	*10/19/19 00:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*119*		*71 - 155*	*10/17/19 16:01*	*10/19/19 00:01*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*10/17/19 16:01*	*10/19/19 00:01*	*1*

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

Client Sample ID: CEB1-5FT
Date Collected: 10/16/19 07:30
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-1
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.8		mg/Kg		10/19/19 14:20	10/23/19 09:15	1
C7 as C7	ND		4.8		mg/Kg		10/19/19 14:20	10/23/19 09:15	1
C8 as C8	ND		4.8		mg/Kg		10/19/19 14:20	10/23/19 09:15	1
C9-C10	ND		4.8		mg/Kg		10/19/19 14:20	10/23/19 09:15	1
C11-C12	ND		4.8		mg/Kg		10/19/19 14:20	10/23/19 09:15	1
C13-C14	ND		4.8		mg/Kg		10/19/19 14:20	10/23/19 09:15	1
C15-C16	ND		4.8		mg/Kg		10/19/19 14:20	10/23/19 09:15	1
C17-C18	ND		4.8		mg/Kg		10/19/19 14:20	10/23/19 09:15	1
C19-C20	ND		4.8		mg/Kg		10/19/19 14:20	10/23/19 09:15	1
C21-C22	ND		4.8		mg/Kg		10/19/19 14:20	10/23/19 09:15	1
C23-C24	ND		4.8		mg/Kg		10/19/19 14:20	10/23/19 09:15	1
C25-C28	ND		4.8		mg/Kg		10/19/19 14:20	10/23/19 09:15	1
C29-C32	ND		4.8		mg/Kg		10/19/19 14:20	10/23/19 09:15	1
C33-C36	**6.0**		4.8		mg/Kg		10/19/19 14:20	10/23/19 09:15	1
C37-C40	**6.3**		4.8		mg/Kg		10/19/19 14:20	10/23/19 09:15	1
C41-C44	**5.3**		4.8		mg/Kg		10/19/19 14:20	10/23/19 09:15	1
C6-C44	**32**		4.8		mg/Kg		10/19/19 14:20	10/23/19 09:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*96*		*61 - 145*	*10/19/19 14:20*	*10/23/19 09:15*	*1*

Client Sample ID: CEB1-20FT
Date Collected: 10/16/19 07:42
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-2
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 09:38	1
C7 as C7	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 09:38	1
C8 as C8	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 09:38	1
C9-C10	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 09:38	1
C11-C12	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 09:38	1
C13-C14	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 09:38	1
C15-C16	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 09:38	1
C17-C18	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 09:38	1
C19-C20	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 09:38	1
C21-C22	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 09:38	1
C23-C24	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 09:38	1
C25-C28	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 09:38	1
C29-C32	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 09:38	1
C33-C36	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 09:38	1
C37-C40	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 09:38	1
C41-C44	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 09:38	1
C6-C44	**5.1**		4.9		mg/Kg		10/19/19 14:20	10/23/19 09:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*103*		*61 - 145*	*10/19/19 14:20*	*10/23/19 09:38*	*1*

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

Client Sample ID: CEB2-5FT
Date Collected: 10/16/19 09:00
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-3
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 10:02	1
C7 as C7	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 10:02	1
C8 as C8	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 10:02	1
C9-C10	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 10:02	1
C11-C12	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 10:02	1
C13-C14	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 10:02	1
C15-C16	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 10:02	1
C17-C18	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 10:02	1
C19-C20	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 10:02	1
C21-C22	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 10:02	1
C23-C24	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 10:02	1
C25-C28	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 10:02	1
C29-C32	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 10:02	1
C33-C36	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 10:02	1
C37-C40	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 10:02	1
C41-C44	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 10:02	1
C6-C44	**27**		5.1		mg/Kg		10/19/19 14:20	10/23/19 10:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*98*		*61 - 145*	*10/19/19 14:20*	*10/23/19 10:02*	*1*

Client Sample ID: CEB2-20FT
Date Collected: 10/16/19 09:17
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-4
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 11:12	1
C7 as C7	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 11:12	1
C8 as C8	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 11:12	1
C9-C10	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 11:12	1
C11-C12	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 11:12	1
C13-C14	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 11:12	1
C15-C16	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 11:12	1
C17-C18	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 11:12	1
C19-C20	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 11:12	1
C21-C22	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 11:12	1
C23-C24	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 11:12	1
C25-C28	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 11:12	1
C29-C32	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 11:12	1
C33-C36	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 11:12	1
C37-C40	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 11:12	1
C41-C44	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 11:12	1
C6-C44	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 11:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*106*		*61 - 145*	*10/19/19 14:20*	*10/23/19 11:12*	*1*

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

Client Sample ID: CEB3-5FT
Date Collected: 10/16/19 09:50
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-5
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 11:36	1
C7 as C7	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 11:36	1
C8 as C8	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 11:36	1
C9-C10	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 11:36	1
C11-C12	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 11:36	1
C13-C14	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 11:36	1
C15-C16	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 11:36	1
C17-C18	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 11:36	1
C19-C20	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 11:36	1
C21-C22	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 11:36	1
C23-C24	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 11:36	1
C25-C28	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 11:36	1
C29-C32	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 11:36	1
C33-C36	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 11:36	1
C37-C40	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 11:36	1
C41-C44	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 11:36	1
C6-C44	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 11:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*107*		*61 - 145*	*10/19/19 14:20*	*10/23/19 11:36*	*1*

Client Sample ID: CEB3-15FT
Date Collected: 10/16/19 09:55
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-6
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 11:59	1
C7 as C7	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 11:59	1
C8 as C8	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 11:59	1
C9-C10	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 11:59	1
C11-C12	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 11:59	1
C13-C14	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 11:59	1
C15-C16	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 11:59	1
C17-C18	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 11:59	1
C19-C20	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 11:59	1
C21-C22	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 11:59	1
C23-C24	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 11:59	1
C25-C28	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 11:59	1
C29-C32	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 11:59	1
C33-C36	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 11:59	1
C37-C40	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 11:59	1
C41-C44	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 11:59	1
C6-C44	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 11:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*101*		*61 - 145*	*10/19/19 14:20*	*10/23/19 11:59*	*1*

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

Client Sample ID: CEB4-5FT
Date Collected: 10/16/19 10:32
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-7
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 12:22	1
C7 as C7	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 12:22	1
C8 as C8	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 12:22	1
C9-C10	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 12:22	1
C11-C12	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 12:22	1
C13-C14	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 12:22	1
C15-C16	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 12:22	1
C17-C18	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 12:22	1
C19-C20	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 12:22	1
C21-C22	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 12:22	1
C23-C24	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 12:22	1
C25-C28	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 12:22	1
C29-C32	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 12:22	1
C33-C36	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 12:22	1
C37-C40	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 12:22	1
C41-C44	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 12:22	1
C6-C44	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 12:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*100*		*61 - 145*	*10/19/19 14:20*	*10/23/19 12:22*	*1*

Client Sample ID: CEB4-15FT
Date Collected: 10/16/19 10:48
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-8
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 12:46	1
C7 as C7	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 12:46	1
C8 as C8	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 12:46	1
C9-C10	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 12:46	1
C11-C12	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 12:46	1
C13-C14	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 12:46	1
C15-C16	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 12:46	1
C17-C18	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 12:46	1
C19-C20	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 12:46	1
C21-C22	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 12:46	1
C23-C24	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 12:46	1
C25-C28	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 12:46	1
C29-C32	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 12:46	1
C33-C36	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 12:46	1
C37-C40	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 12:46	1
C41-C44	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 12:46	1
C6-C44	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 12:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*99*		*61 - 145*	*10/19/19 14:20*	*10/23/19 12:46*	*1*

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

Client Sample ID: CEB5-5FT
Date Collected: 10/16/19 11:25
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-9
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 13:10	1
C7 as C7	**5.7**		5.0		mg/Kg		10/19/19 14:20	10/23/19 13:10	1
C8 as C8	**9.9**		5.0		mg/Kg		10/19/19 14:20	10/23/19 13:10	1
C9-C10	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 13:10	1
C11-C12	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 13:10	1
C13-C14	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 13:10	1
C15-C16	**5.8**		5.0		mg/Kg		10/19/19 14:20	10/23/19 13:10	1
C17-C18	**17**		5.0		mg/Kg		10/19/19 14:20	10/23/19 13:10	1
C19-C20	**15**		5.0		mg/Kg		10/19/19 14:20	10/23/19 13:10	1
C21-C22	**8.7**		5.0		mg/Kg		10/19/19 14:20	10/23/19 13:10	1
C23-C24	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 13:10	1
C25-C28	**9.2**		5.0		mg/Kg		10/19/19 14:20	10/23/19 13:10	1
C29-C32	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 13:10	1
C33-C36	**21**		5.0		mg/Kg		10/19/19 14:20	10/23/19 13:10	1
C37-C40	**22**		5.0		mg/Kg		10/19/19 14:20	10/23/19 13:10	1
C41-C44	**17**		5.0		mg/Kg		10/19/19 14:20	10/23/19 13:10	1
C6-C44	**160**		5.0		mg/Kg		10/19/19 14:20	10/23/19 13:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*84*		*61 - 145*	*10/19/19 14:20*	*10/23/19 13:10*	*1*

Client Sample ID: CEB5-15FT
Date Collected: 10/16/19 11:50
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-10
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 13:33	1
C7 as C7	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 13:33	1
C8 as C8	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 13:33	1
C9-C10	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 13:33	1
C11-C12	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 13:33	1
C13-C14	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 13:33	1
C15-C16	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 13:33	1
C17-C18	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 13:33	1
C19-C20	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 13:33	1
C21-C22	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 13:33	1
C23-C24	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 13:33	1
C25-C28	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 13:33	1
C29-C32	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 13:33	1
C33-C36	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 13:33	1
C37-C40	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 13:33	1
C41-C44	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 13:33	1
C6-C44	**13**		5.1		mg/Kg		10/19/19 14:20	10/23/19 13:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*101*		*61 - 145*	*10/19/19 14:20*	*10/23/19 13:33*	*1*

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

Client Sample ID: CEB6-7FT
Date Collected: 10/16/19 12:50
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-11
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 13:56	1
C7 as C7	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 13:56	1
C8 as C8	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 13:56	1
C9-C10	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 13:56	1
C11-C12	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 13:56	1
C13-C14	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 13:56	1
C15-C16	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 13:56	1
C17-C18	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 13:56	1
C19-C20	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 13:56	1
C21-C22	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 13:56	1
C23-C24	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 13:56	1
C25-C28	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 13:56	1
C29-C32	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 13:56	1
C33-C36	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 13:56	1
C37-C40	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 13:56	1
C41-C44	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 13:56	1
C6-C44	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*109*		*61 - 145*	*10/19/19 14:20*	*10/23/19 13:56*	*1*

Client Sample ID: CEB7-5FT
Date Collected: 10/16/19 13:02
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-12
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.3		mg/Kg		10/19/19 14:20	10/23/19 14:20	1
C7 as C7	ND		5.3		mg/Kg		10/19/19 14:20	10/23/19 14:20	1
C8 as C8	ND		5.3		mg/Kg		10/19/19 14:20	10/23/19 14:20	1
C9-C10	ND		5.3		mg/Kg		10/19/19 14:20	10/23/19 14:20	1
C11-C12	ND		5.3		mg/Kg		10/19/19 14:20	10/23/19 14:20	1
C13-C14	ND		5.3		mg/Kg		10/19/19 14:20	10/23/19 14:20	1
C15-C16	ND		5.3		mg/Kg		10/19/19 14:20	10/23/19 14:20	1
C17-C18	ND		5.3		mg/Kg		10/19/19 14:20	10/23/19 14:20	1
C19-C20	ND		5.3		mg/Kg		10/19/19 14:20	10/23/19 14:20	1
C21-C22	ND		5.3		mg/Kg		10/19/19 14:20	10/23/19 14:20	1
C23-C24	ND		5.3		mg/Kg		10/19/19 14:20	10/23/19 14:20	1
C25-C28	ND		5.3		mg/Kg		10/19/19 14:20	10/23/19 14:20	1
C29-C32	ND		5.3		mg/Kg		10/19/19 14:20	10/23/19 14:20	1
C33-C36	ND		5.3		mg/Kg		10/19/19 14:20	10/23/19 14:20	1
C37-C40	ND		5.3		mg/Kg		10/19/19 14:20	10/23/19 14:20	1
C41-C44	ND		5.3		mg/Kg		10/19/19 14:20	10/23/19 14:20	1
C6-C44	ND		5.3		mg/Kg		10/19/19 14:20	10/23/19 14:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*102*		*61 - 145*	*10/19/19 14:20*	*10/23/19 14:20*	*1*

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

Client Sample ID: CEB8-5FT
Date Collected: 10/16/19 13:25
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-13
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 15:06	1
C7 as C7	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 15:06	1
C8 as C8	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 15:06	1
C9-C10	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 15:06	1
C11-C12	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 15:06	1
C13-C14	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 15:06	1
C15-C16	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 15:06	1
C17-C18	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 15:06	1
C19-C20	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 15:06	1
C21-C22	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 15:06	1
C23-C24	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 15:06	1
C25-C28	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 15:06	1
C29-C32	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 15:06	1
C33-C36	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 15:06	1
C37-C40	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 15:06	1
C41-C44	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 15:06	1
C6-C44	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 15:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*109*		*61 - 145*	*10/19/19 14:20*	*10/23/19 15:06*	*1*

Client Sample ID: CEB9-5FT
Date Collected: 10/16/19 13:35
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-14
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 15:30	1
C7 as C7	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 15:30	1
C8 as C8	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 15:30	1
C9-C10	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 15:30	1
C11-C12	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 15:30	1
C13-C14	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 15:30	1
C15-C16	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 15:30	1
C17-C18	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 15:30	1
C19-C20	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 15:30	1
C21-C22	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 15:30	1
C23-C24	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 15:30	1
C25-C28	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 15:30	1
C29-C32	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 15:30	1
C33-C36	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 15:30	1
C37-C40	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 15:30	1
C41-C44	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 15:30	1
C6-C44	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 15:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*91*		*61 - 145*	*10/19/19 14:20*	*10/23/19 15:30*	*1*

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

Client Sample ID: CEB10-7FT
Date Collected: 10/16/19 13:55
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-15
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.2		mg/Kg		10/19/19 14:20	10/23/19 15:54	1
C7 as C7	ND		5.2		mg/Kg		10/19/19 14:20	10/23/19 15:54	1
C8 as C8	ND		5.2		mg/Kg		10/19/19 14:20	10/23/19 15:54	1
C9-C10	ND		5.2		mg/Kg		10/19/19 14:20	10/23/19 15:54	1
C11-C12	ND		5.2		mg/Kg		10/19/19 14:20	10/23/19 15:54	1
C13-C14	ND		5.2		mg/Kg		10/19/19 14:20	10/23/19 15:54	1
C15-C16	ND		5.2		mg/Kg		10/19/19 14:20	10/23/19 15:54	1
C17-C18	ND		5.2		mg/Kg		10/19/19 14:20	10/23/19 15:54	1
C19-C20	ND		5.2		mg/Kg		10/19/19 14:20	10/23/19 15:54	1
C21-C22	ND		5.2		mg/Kg		10/19/19 14:20	10/23/19 15:54	1
C23-C24	ND		5.2		mg/Kg		10/19/19 14:20	10/23/19 15:54	1
C25-C28	ND		5.2		mg/Kg		10/19/19 14:20	10/23/19 15:54	1
C29-C32	ND		5.2		mg/Kg		10/19/19 14:20	10/23/19 15:54	1
C33-C36	ND		5.2		mg/Kg		10/19/19 14:20	10/23/19 15:54	1
C37-C40	ND		5.2		mg/Kg		10/19/19 14:20	10/23/19 15:54	1
C41-C44	ND		5.2		mg/Kg		10/19/19 14:20	10/23/19 15:54	1
C6-C44	**13**		5.2		mg/Kg		10/19/19 14:20	10/23/19 15:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*107*		*61 - 145*	*10/19/19 14:20*	*10/23/19 15:54*	*1*

Client Sample ID: CEB11-5FT
Date Collected: 10/16/19 14:05
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-16
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 16:17	1
C7 as C7	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 16:17	1
C8 as C8	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 16:17	1
C9-C10	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 16:17	1
C11-C12	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 16:17	1
C13-C14	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 16:17	1
C15-C16	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 16:17	1
C17-C18	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 16:17	1
C19-C20	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 16:17	1
C21-C22	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 16:17	1
C23-C24	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 16:17	1
C25-C28	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 16:17	1
C29-C32	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 16:17	1
C33-C36	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 16:17	1
C37-C40	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 16:17	1
C41-C44	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 16:17	1
C6-C44	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 16:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*103*		*61 - 145*	*10/19/19 14:20*	*10/23/19 16:17*	*1*

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

Client Sample ID: CEB12-5FT
Date Collected: 10/16/19 14:15
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-17
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 16:40	1
C7 as C7	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 16:40	1
C8 as C8	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 16:40	1
C9-C10	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 16:40	1
C11-C12	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 16:40	1
C13-C14	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 16:40	1
C15-C16	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 16:40	1
C17-C18	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 16:40	1
C19-C20	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 16:40	1
C21-C22	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 16:40	1
C23-C24	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 16:40	1
C25-C28	**13**		5.1		mg/Kg		10/19/19 14:20	10/23/19 16:40	1
C29-C32	ND		5.1		mg/Kg		10/19/19 14:20	10/23/19 16:40	1
C33-C36	**24**		5.1		mg/Kg		10/19/19 14:20	10/23/19 16:40	1
C37-C40	**22**		5.1		mg/Kg		10/19/19 14:20	10/23/19 16:40	1
C41-C44	**16**		5.1		mg/Kg		10/19/19 14:20	10/23/19 16:40	1
C6-C44	**110**		5.1		mg/Kg		10/19/19 14:20	10/23/19 16:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*103*		*61 - 145*	*10/19/19 14:20*	*10/23/19 16:40*	*1*

Client Sample ID: CEB13-5FT
Date Collected: 10/16/19 14:25
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-18
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 17:04	1
C7 as C7	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 17:04	1
C8 as C8	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 17:04	1
C9-C10	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 17:04	1
C11-C12	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 17:04	1
C13-C14	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 17:04	1
C15-C16	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 17:04	1
C17-C18	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 17:04	1
C19-C20	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 17:04	1
C21-C22	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 17:04	1
C23-C24	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 17:04	1
C25-C28	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 17:04	1
C29-C32	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 17:04	1
C33-C36	**8.7**		5.0		mg/Kg		10/19/19 14:20	10/23/19 17:04	1
C37-C40	**10**		5.0		mg/Kg		10/19/19 14:20	10/23/19 17:04	1
C41-C44	**8.7**		5.0		mg/Kg		10/19/19 14:20	10/23/19 17:04	1
C6-C44	**47**		5.0		mg/Kg		10/19/19 14:20	10/23/19 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*108*		*61 - 145*	*10/19/19 14:20*	*10/23/19 17:04*	*1*

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

Client Sample ID: CEB13-17FT
Date Collected: 10/16/19 14:45
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-19
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.3		mg/Kg		10/19/19 14:20	10/23/19 17:27	1
C7 as C7	ND		5.3		mg/Kg		10/19/19 14:20	10/23/19 17:27	1
C8 as C8	ND		5.3		mg/Kg		10/19/19 14:20	10/23/19 17:27	1
C9-C10	ND		5.3		mg/Kg		10/19/19 14:20	10/23/19 17:27	1
C11-C12	ND		5.3		mg/Kg		10/19/19 14:20	10/23/19 17:27	1
C13-C14	ND		5.3		mg/Kg		10/19/19 14:20	10/23/19 17:27	1
C15-C16	ND		5.3		mg/Kg		10/19/19 14:20	10/23/19 17:27	1
C17-C18	ND		5.3		mg/Kg		10/19/19 14:20	10/23/19 17:27	1
C19-C20	ND		5.3		mg/Kg		10/19/19 14:20	10/23/19 17:27	1
C21-C22	ND		5.3		mg/Kg		10/19/19 14:20	10/23/19 17:27	1
C23-C24	ND		5.3		mg/Kg		10/19/19 14:20	10/23/19 17:27	1
C25-C28	ND		5.3		mg/Kg		10/19/19 14:20	10/23/19 17:27	1
C29-C32	ND		5.3		mg/Kg		10/19/19 14:20	10/23/19 17:27	1
C33-C36	ND		5.3		mg/Kg		10/19/19 14:20	10/23/19 17:27	1
C37-C40	ND		5.3		mg/Kg		10/19/19 14:20	10/23/19 17:27	1
C41-C44	ND		5.3		mg/Kg		10/19/19 14:20	10/23/19 17:27	1
C6-C44	**5.6**		5.3		mg/Kg		10/19/19 14:20	10/23/19 17:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*105*		*61 - 145*	*10/19/19 14:20*	*10/23/19 17:27*	*1*

Client Sample ID: CEB14-5FT
Date Collected: 10/16/19 15:15
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-20
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 17:50	1
C7 as C7	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 17:50	1
C8 as C8	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 17:50	1
C9-C10	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 17:50	1
C11-C12	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 17:50	1
C13-C14	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 17:50	1
C15-C16	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 17:50	1
C17-C18	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 17:50	1
C19-C20	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 17:50	1
C21-C22	**4.9**		4.9		mg/Kg		10/19/19 14:20	10/23/19 17:50	1
C23-C24	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 17:50	1
C25-C28	**7.8**		4.9		mg/Kg		10/19/19 14:20	10/23/19 17:50	1
C29-C32	ND		4.9		mg/Kg		10/19/19 14:20	10/23/19 17:50	1
C33-C36	**19**		4.9		mg/Kg		10/19/19 14:20	10/23/19 17:50	1
C37-C40	**23**		4.9		mg/Kg		10/19/19 14:20	10/23/19 17:50	1
C41-C44	**21**		4.9		mg/Kg		10/19/19 14:20	10/23/19 17:50	1
C6-C44	**100**		4.9		mg/Kg		10/19/19 14:20	10/23/19 17:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*108*		*61 - 145*	*10/19/19 14:20*	*10/23/19 17:50*	*1*

Client: California Environmental
Project/Site: 3555 - LAGUNA CITY HALL

Job ID: 570-10327-1

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

Client Sample ID: CEB15-5FT
Date Collected: 10/16/19 15:25
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-21
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		10/19/19 09:57	10/22/19 00:16	1
C7 as C7	ND		4.9		mg/Kg		10/19/19 09:57	10/22/19 00:16	1
C8 as C8	ND		4.9		mg/Kg		10/19/19 09:57	10/22/19 00:16	1
C9-C10	ND		4.9		mg/Kg		10/19/19 09:57	10/22/19 00:16	1
C11-C12	ND		4.9		mg/Kg		10/19/19 09:57	10/22/19 00:16	1
C13-C14	ND		4.9		mg/Kg		10/19/19 09:57	10/22/19 00:16	1
C15-C16	ND		4.9		mg/Kg		10/19/19 09:57	10/22/19 00:16	1
C17-C18	ND		4.9		mg/Kg		10/19/19 09:57	10/22/19 00:16	1
C19-C20	ND		4.9		mg/Kg		10/19/19 09:57	10/22/19 00:16	1
C21-C22	ND		4.9		mg/Kg		10/19/19 09:57	10/22/19 00:16	1
C23-C24	ND		4.9		mg/Kg		10/19/19 09:57	10/22/19 00:16	1
C25-C28	**8.3**		4.9		mg/Kg		10/19/19 09:57	10/22/19 00:16	1
C29-C32	**12**		4.9		mg/Kg		10/19/19 09:57	10/22/19 00:16	1
C33-C36	**12**		4.9		mg/Kg		10/19/19 09:57	10/22/19 00:16	1
C37-C40	**8.8**		4.9		mg/Kg		10/19/19 09:57	10/22/19 00:16	1
C41-C44	ND		4.9		mg/Kg		10/19/19 09:57	10/22/19 00:16	1
C6-C44	**34**		4.9		mg/Kg		10/19/19 09:57	10/22/19 00:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*99*		*61 - 145*	*10/19/19 09:57*	*10/22/19 00:16*	*1*

Method: 6010B - Metals (ICP)

Client Sample ID: CEB6-7FT
Date Collected: 10/16/19 12:50
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-11
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**1.71**		0.750		mg/Kg		10/19/19 11:12	10/22/19 13:15	1
Arsenic	**2.87**		0.750		mg/Kg		10/19/19 11:12	10/22/19 13:15	1
Barium	**78.8**		0.500		mg/Kg		10/19/19 11:12	10/22/19 13:15	1
Beryllium	**0.530**		0.250		mg/Kg		10/19/19 11:12	10/22/19 13:15	1
Cadmium	**0.987**		0.500		mg/Kg		10/19/19 11:12	10/22/19 13:15	1
Chromium	**17.7**		0.250		mg/Kg		10/19/19 11:12	10/22/19 13:15	1
Cobalt	**4.86**		0.250		mg/Kg		10/19/19 11:12	10/22/19 13:15	1
Copper	**8.87**		0.500		mg/Kg		10/19/19 11:12	10/22/19 13:15	1
Lead	**0.768**		0.500		mg/Kg		10/19/19 11:12	10/22/19 13:15	1
Molybdenum	**1.16**		0.250		mg/Kg		10/19/19 11:12	10/22/19 13:15	1
Nickel	**15.1**		0.250		mg/Kg		10/19/19 11:12	10/22/19 13:15	1
Selenium	ND	L	0.750		mg/Kg		10/19/19 11:12	10/22/19 13:15	1
Silver	ND		0.250		mg/Kg		10/19/19 11:12	10/22/19 13:15	1
Thallium	ND		0.750		mg/Kg		10/19/19 11:12	10/22/19 13:15	1
Vanadium	**22.3**		0.250		mg/Kg		10/19/19 11:12	10/22/19 13:15	1
Zinc	**28.3**		1.00		mg/Kg		10/19/19 11:12	10/22/19 13:15	1

Client Sample ID: CEB9-5FT
Date Collected: 10/16/19 13:35
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-14
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**1.23**		0.754		mg/Kg		10/19/19 11:12	10/22/19 13:18	1
Arsenic	**1.09**		0.754		mg/Kg		10/19/19 11:12	10/22/19 13:18	1
Barium	**47.9**		0.503		mg/Kg		10/19/19 11:12	10/22/19 13:18	1
Beryllium	**0.269**		0.251		mg/Kg		10/19/19 11:12	10/22/19 13:18	1
Cadmium	ND		0.503		mg/Kg		10/19/19 11:12	10/22/19 13:18	1
Chromium	**14.1**		0.251		mg/Kg		10/19/19 11:12	10/22/19 13:18	1
Cobalt	**3.92**		0.251		mg/Kg		10/19/19 11:12	10/22/19 13:18	1
Copper	**3.82**		0.503		mg/Kg		10/19/19 11:12	10/22/19 13:18	1
Lead	ND		0.503		mg/Kg		10/19/19 11:12	10/22/19 13:18	1
Molybdenum	**1.13**		0.251		mg/Kg		10/19/19 11:12	10/22/19 13:18	1
Nickel	**12.2**		0.251		mg/Kg		10/19/19 11:12	10/22/19 13:18	1
Selenium	ND		0.754		mg/Kg		10/19/19 11:12	10/22/19 13:18	1
Silver	ND		0.251		mg/Kg		10/19/19 11:12	10/22/19 13:18	1
Thallium	ND		0.754		mg/Kg		10/19/19 11:12	10/22/19 13:18	1
Vanadium	**12.0**		0.251		mg/Kg		10/19/19 11:12	10/22/19 13:18	1
Zinc	**20.8**		1.01		mg/Kg		10/19/19 11:12	10/22/19 13:18	1

Client Sample ID: CEB10-7FT
Date Collected: 10/16/19 13:55
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-15
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**1.79**		0.750		mg/Kg		10/19/19 11:12	10/22/19 13:20	1
Arsenic	ND		0.750		mg/Kg		10/19/19 11:12	10/22/19 13:20	1
Barium	**56.8**		0.500		mg/Kg		10/19/19 11:12	10/22/19 13:20	1
Beryllium	**0.285**		0.250		mg/Kg		10/19/19 11:12	10/22/19 13:20	1
Cadmium	ND		0.500		mg/Kg		10/19/19 11:12	10/22/19 13:20	1
Chromium	**17.5**		0.250		mg/Kg		10/19/19 11:12	10/22/19 13:20	1
Cobalt	**4.59**		0.250		mg/Kg		10/19/19 11:12	10/22/19 13:20	1
Copper	**2.31**		0.500		mg/Kg		10/19/19 11:12	10/22/19 13:20	1

Method: 6010B - Metals (ICP) (Continued)

Client Sample ID: CEB10-7FT
Date Collected: 10/16/19 13:55
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-15
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.500		mg/Kg		10/19/19 11:12	10/22/19 13:20	1
Molybdenum	**1.40**		0.250		mg/Kg		10/19/19 11:12	10/22/19 13:20	1
Nickel	**21.7**		0.250		mg/Kg		10/19/19 11:12	10/22/19 13:20	1
Selenium	ND	L	0.750		mg/Kg		10/19/19 11:12	10/22/19 13:20	1
Silver	ND		0.250		mg/Kg		10/19/19 11:12	10/22/19 13:20	1
Thallium	ND		0.750		mg/Kg		10/19/19 11:12	10/22/19 13:20	1
Vanadium	**16.1**		0.250		mg/Kg		10/19/19 11:12	10/22/19 13:20	1
Zinc	**17.8**		1.00		mg/Kg		10/19/19 11:12	10/22/19 13:20	1

Client Sample ID: CEB14-5FT
Date Collected: 10/16/19 15:15
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-20
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**1.47**		0.746		mg/Kg		10/19/19 11:12	10/22/19 13:22	1
Arsenic	**2.83**		0.746		mg/Kg		10/19/19 11:12	10/22/19 13:22	1
Barium	**129**		0.498		mg/Kg		10/19/19 11:12	10/22/19 13:22	1
Beryllium	**0.737**		0.249		mg/Kg		10/19/19 11:12	10/22/19 13:22	1
Cadmium	ND		0.498		mg/Kg		10/19/19 11:12	10/22/19 13:22	1
Chromium	**12.7**		0.249		mg/Kg		10/19/19 11:12	10/22/19 13:22	1
Cobalt	**3.80**		0.249		mg/Kg		10/19/19 11:12	10/22/19 13:22	1
Copper	**12.7**		0.498		mg/Kg		10/19/19 11:12	10/22/19 13:22	1
Lead	**1.59**		0.498		mg/Kg		10/19/19 11:12	10/22/19 13:22	1
Molybdenum	ND		0.249		mg/Kg		10/19/19 11:12	10/22/19 13:22	1
Nickel	**8.97**		0.249		mg/Kg		10/19/19 11:12	10/22/19 13:22	1
Selenium	ND	L	0.746		mg/Kg		10/19/19 11:12	10/22/19 13:22	1
Silver	ND		0.249		mg/Kg		10/19/19 11:12	10/22/19 13:22	1
Thallium	ND		0.746		mg/Kg		10/19/19 11:12	10/22/19 13:22	1
Vanadium	**27.9**		0.249		mg/Kg		10/19/19 11:12	10/22/19 13:22	1
Zinc	**26.9**		0.995		mg/Kg		10/19/19 11:12	10/22/19 13:22	1

Method: 7471A - Mercury (CVAA)

Client Sample ID: CEB6-7FT
Date Collected: 10/16/19 12:50
Date Received: 10/16/19 16:47
Lab Sample ID: 570-10327-11
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0862		mg/Kg		10/21/19 11:00	10/21/19 15:30	1

Client Sample ID: CEB9-5FT
Date Collected: 10/16/19 13:35
Date Received: 10/16/19 16:47
Lab Sample ID: 570-10327-14
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0862		mg/Kg		10/21/19 11:00	10/21/19 15:37	1

Client Sample ID: CEB10-7FT
Date Collected: 10/16/19 13:55
Date Received: 10/16/19 16:47
Lab Sample ID: 570-10327-15
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0806		mg/Kg		10/21/19 11:00	10/21/19 15:39	1

Client Sample ID: CEB14-5FT
Date Collected: 10/16/19 15:15
Date Received: 10/16/19 16:47
Lab Sample ID: 570-10327-20
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0833		mg/Kg		10/21/19 11:00	10/21/19 15:41	1

Surrogate Summary

Client: California Environmental
Project/Site: 3555 - LAGUNA CITY HALL

Job ID: 570-10327-1

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	BFB (80-120)	DBFM (79-133)	DCA (71-155)	TOL (80-120)
570-10327-1	CEB1-5FT	93	103	111	96
570-10327-2	CEB1-20FT	100	100	105	100
570-10327-3	CEB2-5FT	98	104	113	98
570-10327-4	CEB2-20FT	101	100	110	99
570-10327-5	CEB3-5FT	100	102	111	100
570-10327-6	CEB3-15FT	102	103	114	100
570-10327-7	CEB4-5FT	101	97	110	102
570-10327-8	CEB4-15FT	101	105	115	100
570-10327-9	CEB5-5FT	100	100	111	101
570-10327-10	CEB5-15FT	102	101	114	101
570-10327-11	CEB6-7FT	99	91	100	100
570-10327-12	CEB7-5FT	100	98	109	100
570-10327-13	CEB8-5FT	101	102	113	99
570-10327-14	CEB9-5FT	99	97	107	100
570-10327-15	CEB10-7FT	101	102	116	100
570-10327-16	CEB11-5FT	101	112	122	102
570-10327-17	CEB12-5FT	101	109	120	102
570-10327-18	CEB13-5FT	101	111	118	102
570-10327-19	CEB13-17FT	101	114	122	102
570-10327-20	CEB14-5FT	101	110	121	102
570-10327-21	CEB15-5FT	102	109	119	101
LCS 570-26523/3	Lab Control Sample	99	100	97	100
LCS 570-27003/3	Lab Control Sample	102	105	102	99
LCSD 570-26523/4	Lab Control Sample Dup	99	96	97	101
LCSD 570-27003/4	Lab Control Sample Dup	100	106	106	97
MB 570-26523/6	Method Blank	100	100	101	100
MB 570-27003/5	Method Blank	100	103	106	102

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTCSN1 (61-145)
570-10327-1	CEB1-5FT	96
570-10327-2	CEB1-20FT	103
570-10327-3	CEB2-5FT	98
570-10327-4	CEB2-20FT	106
570-10327-5	CEB3-5FT	107
570-10327-6	CEB3-15FT	101
570-10327-7	CEB4-5FT	100
570-10327-8	CEB4-15FT	99
570-10327-9	CEB5-5FT	84
570-10327-10	CEB5-15FT	101

Surrogate Summary

Client: California Environmental
Job ID: 570-10327-1
Project/Site: 3555 - LAGUNA CITY HALL

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

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	OTCSN1 (61-145)						
570-10327-11	CEB6-7FT	109						
570-10327-11 MS	CEB6-7FT	108						
570-10327-11 MSD	CEB6-7FT	112						
570-10327-12	CEB7-5FT	102						
570-10327-13	CEB8-5FT	109						
570-10327-14	CEB9-5FT	91						
570-10327-15	CEB10-7FT	107						
570-10327-16	CEB11-5FT	103						
570-10327-17	CEB12-5FT	103						
570-10327-18	CEB13-5FT	108						
570-10327-19	CEB13-17FT	105						
570-10327-20	CEB14-5FT	108						
570-10327-21	CEB15-5FT	99						
570-10455-B-63-B MS	Matrix Spike	100						
570-10455-B-63-C MSD	Matrix Spike Duplicate	76						
LCS 570-27169/2-A	Lab Control Sample	101						
LCS 570-27266/2-A	Lab Control Sample	110						
MB 570-27169/1-A	Method Blank	100						
MB 570-27266/1-A	Method Blank	97						

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Client: California Environmental
Project/Site: 3555 - LAGUNA CITY HALL

Job ID: 570-10327-1

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

Lab Sample ID: MB 570-26523/6
Matrix: Solid
Analysis Batch: 26523

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50		ug/Kg			10/17/19 11:27	1
Benzene	ND		1.0		ug/Kg			10/17/19 11:27	1
Bromobenzene	ND		1.0		ug/Kg			10/17/19 11:27	1
Bromochloromethane	ND		2.0		ug/Kg			10/17/19 11:27	1
Bromodichloromethane	ND		1.0		ug/Kg			10/17/19 11:27	1
Bromoform	ND		5.0		ug/Kg			10/17/19 11:27	1
Bromomethane	ND		20		ug/Kg			10/17/19 11:27	1
2-Butanone	ND		20		ug/Kg			10/17/19 11:27	1
Carbon disulfide	ND		10		ug/Kg			10/17/19 11:27	1
Carbon tetrachloride	ND		1.0		ug/Kg			10/17/19 11:27	1
Chlorobenzene	ND		1.0		ug/Kg			10/17/19 11:27	1
Chloroethane	ND		2.0		ug/Kg			10/17/19 11:27	1
Chloroform	ND		1.0		ug/Kg			10/17/19 11:27	1
Chloromethane	ND		20		ug/Kg			10/17/19 11:27	1
2-Chlorotoluene	ND		1.0		ug/Kg			10/17/19 11:27	1
4-Chlorotoluene	ND		1.0		ug/Kg			10/17/19 11:27	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg			10/17/19 11:27	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg			10/17/19 11:27	1
Dibromochloromethane	ND		2.0		ug/Kg			10/17/19 11:27	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			10/17/19 11:27	1
1,2-Dibromoethane	ND		1.0		ug/Kg			10/17/19 11:27	1
Dibromomethane	ND		1.0		ug/Kg			10/17/19 11:27	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg			10/17/19 11:27	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg			10/17/19 11:27	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg			10/17/19 11:27	1
Dichlorodifluoromethane	ND		2.0		ug/Kg			10/17/19 11:27	1
1,1-Dichloroethane	ND		1.0		ug/Kg			10/17/19 11:27	1
1,2-Dichloroethane	ND		1.0		ug/Kg			10/17/19 11:27	1
1,1-Dichloroethene	ND		1.0		ug/Kg			10/17/19 11:27	1
1,2-Dichloropropane	ND		1.0		ug/Kg			10/17/19 11:27	1
1,3-Dichloropropane	ND		1.0		ug/Kg			10/17/19 11:27	1
2,2-Dichloropropane	ND		5.0		ug/Kg			10/17/19 11:27	1
1,1-Dichloropropene	ND		2.0		ug/Kg			10/17/19 11:27	1
Di-isopropyl ether (DIPE)	ND		1.0		ug/Kg			10/17/19 11:27	1
Ethanol	ND		500		ug/Kg			10/17/19 11:27	1
Ethylbenzene	ND		1.0		ug/Kg			10/17/19 11:27	1
Ethyl-t-butyl ether (ETBE)	ND		1.0		ug/Kg			10/17/19 11:27	1
2-Hexanone	ND		20		ug/Kg			10/17/19 11:27	1
Isopropylbenzene	ND		1.0		ug/Kg			10/17/19 11:27	1
Methylene Chloride	ND		10		ug/Kg			10/17/19 11:27	1
4-Methyl-2-pentanone	ND		20		ug/Kg			10/17/19 11:27	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg			10/17/19 11:27	1
m,p-Xylene	ND		2.0		ug/Kg			10/17/19 11:27	1
Naphthalene	ND		10		ug/Kg			10/17/19 11:27	1
n-Butylbenzene	ND		1.0		ug/Kg			10/17/19 11:27	1
N-Propylbenzene	ND		2.0		ug/Kg			10/17/19 11:27	1
o-Xylene	ND		1.0		ug/Kg			10/17/19 11:27	1
p-Isopropyltoluene	ND		1.0		ug/Kg			10/17/19 11:27	1

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

Lab Sample ID: MB 570-26523/6
Matrix: Solid
Analysis Batch: 26523

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		1.0		ug/Kg			10/17/19 11:27	1
Styrene	ND		1.0		ug/Kg			10/17/19 11:27	1
Tert-amyl-methyl ether (TAME)	ND		1.0		ug/Kg			10/17/19 11:27	1
tert-Butyl alcohol (TBA)	ND		20		ug/Kg			10/17/19 11:27	1
tert-Butylbenzene	ND		1.0		ug/Kg			10/17/19 11:27	1
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg			10/17/19 11:27	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			10/17/19 11:27	1
Tetrachloroethene	ND		1.0		ug/Kg			10/17/19 11:27	1
Toluene	ND		1.0		ug/Kg			10/17/19 11:27	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg			10/17/19 11:27	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			10/17/19 11:27	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg			10/17/19 11:27	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg			10/17/19 11:27	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg			10/17/19 11:27	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg			10/17/19 11:27	1
Trichloroethene	ND		2.0		ug/Kg			10/17/19 11:27	1
Trichlorofluoromethane	ND		10		ug/Kg			10/17/19 11:27	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg			10/17/19 11:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg			10/17/19 11:27	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			10/17/19 11:27	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			10/17/19 11:27	1
Vinyl acetate	ND		10		ug/Kg			10/17/19 11:27	1
Vinyl chloride	ND		1.0		ug/Kg			10/17/19 11:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*10/17/19 11:27*	*1*
Dibromofluoromethane	*100*		*79 - 133*		*10/17/19 11:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*71 - 155*		*10/17/19 11:27*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*10/17/19 11:27*	*1*

Lab Sample ID: LCS 570-26523/3
Matrix: Solid
Analysis Batch: 26523

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	47.37		ug/Kg		95	79 - 120
Carbon tetrachloride	50.0	51.90		ug/Kg		104	58 - 142
Chlorobenzene	50.0	48.43		ug/Kg		97	80 - 120
1,2-Dibromoethane	50.0	47.25		ug/Kg		95	80 - 120
1,2-Dichlorobenzene	50.0	48.84		ug/Kg		98	80 - 120
1,2-Dichloroethane	50.0	47.53		ug/Kg		95	79 - 121
1,1-Dichloroethene	50.0	45.31		ug/Kg		91	71 - 125
Di-isopropyl ether (DIPE)	50.0	43.80		ug/Kg		88	65 - 131
Ethanol	500	311.4	J	ug/Kg		62	32 - 158
Ethylbenzene	50.0	47.89		ug/Kg		96	57 - 153
Ethyl-t-butyl ether (ETBE)	50.0	46.07		ug/Kg		92	58 - 136
Methyl-t-Butyl Ether (MTBE)	50.0	45.85		ug/Kg		92	64 - 124
m,p-Xylene	100	97.06		ug/Kg		97	80 - 122

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

Lab Sample ID: LCS 570-26523/3
Matrix: Solid
Analysis Batch: 26523

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
o-Xylene			50.0	49.64		ug/Kg		99	79 - 127		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane	*100*		*79 - 133*
1,2-Dichloroethane-d4 (Surr)	*97*		*71 - 155*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 570-26523/4
Matrix: Solid
Analysis Batch: 26523

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			50.0	47.61		ug/Kg		95	79 - 120	1	20
Carbon tetrachloride			50.0	51.05		ug/Kg		102	58 - 142	2	20
Chlorobenzene			50.0	47.71		ug/Kg		95	80 - 120	2	20
1,2-Dibromoethane			50.0	46.74		ug/Kg		93	80 - 120	1	20
1,2-Dichlorobenzene			50.0	48.29		ug/Kg		97	80 - 120	1	20
1,2-Dichloroethane			50.0	47.64		ug/Kg		95	79 - 121	0	20
1,1-Dichloroethene			50.0	44.33		ug/Kg		89	71 - 125	2	20
Di-isopropyl ether (DIPE)			50.0	43.92		ug/Kg		88	65 - 131	0	20
Ethanol			500	466.5	J *	ug/Kg		93	32 - 158	40	27
Ethylbenzene			50.0	47.43		ug/Kg		95	57 - 153	1	20
Ethyl-t-butyl ether (ETBE)			50.0	45.73		ug/Kg		91	58 - 136	1	20
Methyl-t-Butyl Ether (MTBE)			50.0	45.29		ug/Kg		91	64 - 124	1	20
m,p-Xylene			100	96.33		ug/Kg		96	80 - 122	1	20
o-Xylene			50.0	49.30		ug/Kg		99	79 - 127	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane	*96*		*79 - 133*
1,2-Dichloroethane-d4 (Surr)	*97*		*71 - 155*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: MB 570-27003/5
Matrix: Solid
Analysis Batch: 27003

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50		ug/Kg			10/18/19 20:57	1
Benzene	ND		1.0		ug/Kg			10/18/19 20:57	1
Bromobenzene	ND		1.0		ug/Kg			10/18/19 20:57	1
Bromochloromethane	ND		2.0		ug/Kg			10/18/19 20:57	1
Bromodichloromethane	ND		1.0		ug/Kg			10/18/19 20:57	1
Bromoform	ND		5.0		ug/Kg			10/18/19 20:57	1
Bromomethane	ND		20		ug/Kg			10/18/19 20:57	1
2-Butanone	ND		20		ug/Kg			10/18/19 20:57	1
Carbon disulfide	ND		10		ug/Kg			10/18/19 20:57	1

Client: California Environmental
Project/Site: 3555 - LAGUNA CITY HALL

Job ID: 570-10327-1

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

Lab Sample ID: MB 570-27003/5
Matrix: Solid
Analysis Batch: 27003

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0		ug/Kg			10/18/19 20:57	1
Chlorobenzene	ND		1.0		ug/Kg			10/18/19 20:57	1
Chloroethane	ND		2.0		ug/Kg			10/18/19 20:57	1
Chloroform	ND		1.0		ug/Kg			10/18/19 20:57	1
Chloromethane	ND		20		ug/Kg			10/18/19 20:57	1
2-Chlorotoluene	ND		1.0		ug/Kg			10/18/19 20:57	1
4-Chlorotoluene	ND		1.0		ug/Kg			10/18/19 20:57	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg			10/18/19 20:57	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg			10/18/19 20:57	1
Dibromochloromethane	ND		2.0		ug/Kg			10/18/19 20:57	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			10/18/19 20:57	1
1,2-Dibromoethane	ND		1.0		ug/Kg			10/18/19 20:57	1
Dibromomethane	ND		1.0		ug/Kg			10/18/19 20:57	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg			10/18/19 20:57	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg			10/18/19 20:57	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg			10/18/19 20:57	1
Dichlorodifluoromethane	ND		2.0		ug/Kg			10/18/19 20:57	1
1,1-Dichloroethane	ND		1.0		ug/Kg			10/18/19 20:57	1
1,2-Dichloroethane	ND		1.0		ug/Kg			10/18/19 20:57	1
1,1-Dichloroethene	ND		1.0		ug/Kg			10/18/19 20:57	1
1,2-Dichloropropane	ND		1.0		ug/Kg			10/18/19 20:57	1
1,3-Dichloropropane	ND		1.0		ug/Kg			10/18/19 20:57	1
2,2-Dichloropropane	ND		5.0		ug/Kg			10/18/19 20:57	1
1,1-Dichloropropene	ND		2.0		ug/Kg			10/18/19 20:57	1
Di-isopropyl ether (DIPE)	ND		1.0		ug/Kg			10/18/19 20:57	1
Ethanol	ND		500		ug/Kg			10/18/19 20:57	1
Ethylbenzene	ND		1.0		ug/Kg			10/18/19 20:57	1
Ethyl-t-butyl ether (ETBE)	ND		1.0		ug/Kg			10/18/19 20:57	1
2-Hexanone	ND		20		ug/Kg			10/18/19 20:57	1
Isopropylbenzene	ND		1.0		ug/Kg			10/18/19 20:57	1
Methylene Chloride	ND		10		ug/Kg			10/18/19 20:57	1
4-Methyl-2-pentanone	ND		20		ug/Kg			10/18/19 20:57	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg			10/18/19 20:57	1
m,p-Xylene	ND		2.0		ug/Kg			10/18/19 20:57	1
Naphthalene	ND		10		ug/Kg			10/18/19 20:57	1
n-Butylbenzene	ND		1.0		ug/Kg			10/18/19 20:57	1
N-Propylbenzene	ND		2.0		ug/Kg			10/18/19 20:57	1
o-Xylene	ND		1.0		ug/Kg			10/18/19 20:57	1
p-Isopropyltoluene	ND		1.0		ug/Kg			10/18/19 20:57	1
sec-Butylbenzene	ND		1.0		ug/Kg			10/18/19 20:57	1
Styrene	ND		1.0		ug/Kg			10/18/19 20:57	1
Tert-amyl-methyl ether (TAME)	ND		1.0		ug/Kg			10/18/19 20:57	1
tert-Butyl alcohol (TBA)	ND		20		ug/Kg			10/18/19 20:57	1
tert-Butylbenzene	ND		1.0		ug/Kg			10/18/19 20:57	1
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg			10/18/19 20:57	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			10/18/19 20:57	1
Tetrachloroethene	ND		1.0		ug/Kg			10/18/19 20:57	1
Toluene	ND		1.0		ug/Kg			10/18/19 20:57	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg			10/18/19 20:57	1

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

Lab Sample ID: MB 570-27003/5
Matrix: Solid
Analysis Batch: 27003

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			10/18/19 20:57	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg			10/18/19 20:57	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg			10/18/19 20:57	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg			10/18/19 20:57	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg			10/18/19 20:57	1
Trichloroethene	ND		2.0		ug/Kg			10/18/19 20:57	1
Trichlorofluoromethane	ND		10		ug/Kg			10/18/19 20:57	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg			10/18/19 20:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg			10/18/19 20:57	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			10/18/19 20:57	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			10/18/19 20:57	1
Vinyl acetate	ND		10		ug/Kg			10/18/19 20:57	1
Vinyl chloride	ND		1.0		ug/Kg			10/18/19 20:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*10/18/19 20:57*	*1*
Dibromofluoromethane	*103*		*79 - 133*		*10/18/19 20:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*71 - 155*		*10/18/19 20:57*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*10/18/19 20:57*	*1*

Lab Sample ID: LCS 570-27003/3
Matrix: Solid
Analysis Batch: 27003

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			50.0	50.93		ug/Kg		102	79 - 120		
Carbon tetrachloride			50.0	48.13		ug/Kg		96	58 - 142		
Chlorobenzene			50.0	50.26		ug/Kg		101	80 - 120		
1,2-Dibromoethane			50.0	50.09		ug/Kg		100	80 - 120		
1,2-Dichlorobenzene			50.0	49.91		ug/Kg		100	80 - 120		
1,2-Dichloroethane			50.0	49.80		ug/Kg		100	79 - 121		
1,1-Dichloroethene			50.0	52.86		ug/Kg		106	71 - 125		
Di-isopropyl ether (DIPE)			50.0	52.43		ug/Kg		105	65 - 131		
Ethanol			500	728.6		ug/Kg		146	32 - 158		
Ethylbenzene			50.0	50.14		ug/Kg		100	57 - 153		
Ethyl-t-butyl ether (ETBE)			50.0	48.54		ug/Kg		97	58 - 136		
Methyl-t-Butyl Ether (MTBE)			50.0	47.83		ug/Kg		96	64 - 124		
m,p-Xylene			100	96.74		ug/Kg		97	80 - 122		
o-Xylene			50.0	48.85		ug/Kg		98	79 - 127		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane	*105*		*79 - 133*
1,2-Dichloroethane-d4 (Surr)	*102*		*71 - 155*
Toluene-d8 (Surr)	*99*		*80 - 120*

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

Lab Sample ID: LCSD 570-27003/4
Matrix: Solid
Analysis Batch: 27003

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			50.0	47.93		ug/Kg		96	79 - 120	6	20
Carbon tetrachloride			50.0	48.05		ug/Kg		96	58 - 142	0	20
Chlorobenzene			50.0	47.79		ug/Kg		96	80 - 120	5	20
1,2-Dibromoethane			50.0	48.42		ug/Kg		97	80 - 120	3	20
1,2-Dichlorobenzene			50.0	47.92		ug/Kg		96	80 - 120	4	20
1,2-Dichloroethane			50.0	47.00		ug/Kg		94	79 - 121	6	20
1,1-Dichloroethene			50.0	51.98		ug/Kg		104	71 - 125	2	20
Di-isopropyl ether (DIPE)			50.0	50.76		ug/Kg		102	65 - 131	3	20
Ethanol			500	616.3		ug/Kg		123	32 - 158	17	27
Ethylbenzene			50.0	47.73		ug/Kg		95	57 - 153	5	20
Ethyl-t-butyl ether (ETBE)			50.0	47.38		ug/Kg		95	58 - 136	2	20
Methyl-t-Butyl Ether (MTBE)			50.0	46.98		ug/Kg		94	64 - 124	2	20
m,p-Xylene			100	92.90		ug/Kg		93	80 - 122	4	20
o-Xylene			50.0	46.45		ug/Kg		93	79 - 127	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*
Dibromofluoromethane	*106*		*79 - 133*
1,2-Dichloroethane-d4 (Surr)	*106*		*71 - 155*
Toluene-d8 (Surr)	*97*		*80 - 120*

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

Lab Sample ID: MB 570-27169/1-A
Matrix: Solid
Analysis Batch: 27365

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 27169

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0		mg/Kg		10/19/19 09:57	10/21/19 12:10	1
C7 as C7	ND		5.0		mg/Kg		10/19/19 09:57	10/21/19 12:10	1
C8 as C8	ND		5.0		mg/Kg		10/19/19 09:57	10/21/19 12:10	1
C9-C10	ND		5.0		mg/Kg		10/19/19 09:57	10/21/19 12:10	1
C11-C12	ND		5.0		mg/Kg		10/19/19 09:57	10/21/19 12:10	1
C13-C14	ND		5.0		mg/Kg		10/19/19 09:57	10/21/19 12:10	1
C15-C16	ND		5.0		mg/Kg		10/19/19 09:57	10/21/19 12:10	1
C17-C18	ND		5.0		mg/Kg		10/19/19 09:57	10/21/19 12:10	1
C19-C20	ND		5.0		mg/Kg		10/19/19 09:57	10/21/19 12:10	1
C21-C22	ND		5.0		mg/Kg		10/19/19 09:57	10/21/19 12:10	1
C23-C24	ND		5.0		mg/Kg		10/19/19 09:57	10/21/19 12:10	1
C25-C28	ND		5.0		mg/Kg		10/19/19 09:57	10/21/19 12:10	1
C29-C32	ND		5.0		mg/Kg		10/19/19 09:57	10/21/19 12:10	1
C33-C36	ND		5.0		mg/Kg		10/19/19 09:57	10/21/19 12:10	1
C37-C40	ND		5.0		mg/Kg		10/19/19 09:57	10/21/19 12:10	1
C41-C44	ND		5.0		mg/Kg		10/19/19 09:57	10/21/19 12:10	1
C6-C44	ND		5.0		mg/Kg		10/19/19 09:57	10/21/19 12:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*100*		*61 - 145*	*10/19/19 09:57*	*10/21/19 12:10*	*1*

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

Lab Sample ID: LCS 570-27169/2-A
Matrix: Solid
Analysis Batch: 27365

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27169

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]			400	406.8		mg/Kg		102	67 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*101*		*61 - 145*

Lab Sample ID: 570-10455-B-63-B MS
Matrix: Solid
Analysis Batch: 27365

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 27169

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]	ND		404	429.5		mg/Kg		105	33 - 153		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*100*		*61 - 145*

Lab Sample ID: 570-10455-B-63-C MSD
Matrix: Solid
Analysis Batch: 27365

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 27169

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		400	372.3		mg/Kg		92	33 - 153	14	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*76*		*61 - 145*

Lab Sample ID: MB 570-27266/1-A
Matrix: Solid
Analysis Batch: 27624

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 27266

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 07:43	1
C7 as C7	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 07:43	1
C8 as C8	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 07:43	1
C9-C10	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 07:43	1
C11-C12	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 07:43	1
C13-C14	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 07:43	1
C15-C16	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 07:43	1
C17-C18	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 07:43	1
C19-C20	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 07:43	1
C21-C22	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 07:43	1
C23-C24	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 07:43	1
C25-C28	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 07:43	1
C29-C32	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 07:43	1
C33-C36	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 07:43	1
C37-C40	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 07:43	1

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

Lab Sample ID: MB 570-27266/1-A
Matrix: Solid
Analysis Batch: 27624

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 27266

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C41-C44	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 07:43	1
C6-C44	ND		5.0		mg/Kg		10/19/19 14:20	10/23/19 07:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*97*		*61 - 145*	*10/19/19 14:20*	*10/23/19 07:43*	*1*

Lab Sample ID: LCS 570-27266/2-A
Matrix: Solid
Analysis Batch: 27624

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27266

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]			400	461.2		mg/Kg		115	67 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*110*		*61 - 145*

Lab Sample ID: 570-10327-11 MS
Matrix: Solid
Analysis Batch: 27624

Client Sample ID: CEB6-7FT
Prep Type: Total/NA
Prep Batch: 27266

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]	ND		404	518.1		mg/Kg		128	33 - 153		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*108*		*61 - 145*

Lab Sample ID: 570-10327-11 MSD
Matrix: Solid
Analysis Batch: 27624

Client Sample ID: CEB6-7FT
Prep Type: Total/NA
Prep Batch: 27266

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		404	506.0		mg/Kg		125	33 - 153	2	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*112*		*61 - 145*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-27224/1-A
Matrix: Solid
Analysis Batch: 27753

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 27224

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.372		mg/Kg		10/19/19 11:12	10/22/19 12:44	1
Arsenic	ND		0.372		mg/Kg		10/19/19 11:12	10/22/19 12:44	1
Barium	ND		0.248		mg/Kg		10/19/19 11:12	10/22/19 12:44	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 570-27224/1-A
Matrix: Solid
Analysis Batch: 27753

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 27224

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.124		mg/Kg		10/19/19 11:12	10/22/19 12:44	1
Cadmium	ND		0.248		mg/Kg		10/19/19 11:12	10/22/19 12:44	1
Chromium	ND		0.124		mg/Kg		10/19/19 11:12	10/22/19 12:44	1
Cobalt	ND		0.124		mg/Kg		10/19/19 11:12	10/22/19 12:44	1
Copper	ND		0.248		mg/Kg		10/19/19 11:12	10/22/19 12:44	1
Lead	ND		0.248		mg/Kg		10/19/19 11:12	10/22/19 12:44	1
Molybdenum	ND		0.124		mg/Kg		10/19/19 11:12	10/22/19 12:44	1
Nickel	ND		0.124		mg/Kg		10/19/19 11:12	10/22/19 12:44	1
Selenium	ND		0.372		mg/Kg		10/19/19 11:12	10/22/19 12:44	1
Silver	ND		0.124		mg/Kg		10/19/19 11:12	10/22/19 12:44	1
Thallium	ND		0.372		mg/Kg		10/19/19 11:12	10/22/19 12:44	1
Vanadium	ND		0.124		mg/Kg		10/19/19 11:12	10/22/19 12:44	1
Zinc	ND		0.496		mg/Kg		10/19/19 11:12	10/22/19 12:44	1

Lab Sample ID: LCS 570-27224/2-A
Matrix: Solid
Analysis Batch: 27753

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27224

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Antimony			12.4	12.42		mg/Kg		100	80 - 120		
Arsenic			12.4	11.65		mg/Kg		94	80 - 120		
Barium			12.4	12.96		mg/Kg		104	80 - 120		
Beryllium			12.4	12.06		mg/Kg		97	80 - 120		
Cadmium			12.4	12.99		mg/Kg		105	80 - 120		
Chromium			12.4	12.99		mg/Kg		105	80 - 120		
Cobalt			12.4	12.97		mg/Kg		105	80 - 120		
Copper			12.4	12.38		mg/Kg		100	80 - 120		
Lead			12.4	12.98		mg/Kg		105	80 - 120		
Molybdenum			12.4	11.81		mg/Kg		95	80 - 120		
Nickel			12.4	12.78		mg/Kg		103	80 - 120		
Selenium			12.4	11.54		mg/Kg		93	80 - 120		
Silver			6.20	6.174		mg/Kg		100	80 - 120		
Thallium			12.4	12.82		mg/Kg		103	80 - 120		
Vanadium			12.4	12.22		mg/Kg		99	80 - 120		
Zinc			12.4	12.65		mg/Kg		102	80 - 120		

Lab Sample ID: LCSD 570-27224/3-A
Matrix: Solid
Analysis Batch: 27753

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 27224

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony			12.5	12.37		mg/Kg		99	80 - 120	0	20
Arsenic			12.5	11.78		mg/Kg		94	80 - 120	1	20
Barium			12.5	12.84		mg/Kg		103	80 - 120	1	20
Beryllium			12.5	12.19		mg/Kg		98	80 - 120	1	20
Cadmium			12.5	12.82		mg/Kg		103	80 - 120	1	20
Chromium			12.5	12.81		mg/Kg		103	80 - 120	1	20
Cobalt			12.5	12.85		mg/Kg		103	80 - 120	1	20
Copper			12.5	12.28		mg/Kg		98	80 - 120	1	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 570-27224/3-A
Matrix: Solid
Analysis Batch: 27753

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 27224

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead			12.5	13.02		mg/Kg		104	80 - 120	0	20
Molybdenum			12.5	12.02		mg/Kg		96	80 - 120	2	20
Nickel			12.5	12.64		mg/Kg		101	80 - 120	1	20
Selenium			12.5	11.54		mg/Kg		92	80 - 120	0	20
Silver			6.25	6.123		mg/Kg		98	80 - 120	1	20
Thallium			12.5	13.12		mg/Kg		105	80 - 120	2	20
Vanadium			12.5	12.07		mg/Kg		97	80 - 120	1	20
Zinc			12.5	12.67		mg/Kg		101	80 - 120	0	20

Lab Sample ID: 570-10339-A-1-D MS
Matrix: Solid
Analysis Batch: 27753

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 27224

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	2.23	F1	25.0	12.93	F1	mg/Kg		43	50 - 115
Arsenic	3.32		25.0	28.77		mg/Kg		102	75 - 125
Barium	76.4	F1	25.0	99.72		mg/Kg		93	75 - 125
Beryllium	0.398		25.0	27.53		mg/Kg		109	75 - 125
Cadmium	ND		25.0	26.43		mg/Kg		105	75 - 125
Chromium	9.19		25.0	36.25		mg/Kg		108	75 - 125
Cobalt	4.28		25.0	28.26		mg/Kg		96	75 - 125
Copper	11.0		25.0	36.41		mg/Kg		102	75 - 125
Lead	11.5		25.0	33.34		mg/Kg		87	75 - 125
Molybdenum	0.538		25.0	24.72		mg/Kg		97	75 - 125
Nickel	8.51		25.0	33.37		mg/Kg		99	75 - 125
Selenium	ND	L	25.0	22.05		mg/Kg		88	75 - 125
Silver	ND		12.5	12.53		mg/Kg		100	75 - 125
Thallium	ND		25.0	25.69		mg/Kg		100	75 - 125
Vanadium	20.3		25.0	47.19		mg/Kg		107	75 - 125
Zinc	44.2	F1	25.0	65.05		mg/Kg		83	75 - 125

Lab Sample ID: 570-10339-A-1-E MSD
Matrix: Solid
Analysis Batch: 27753

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 27224

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	2.23	F1	25.3	12.71	F1	mg/Kg		41	50 - 115	2	20
Arsenic	3.32		25.3	26.74		mg/Kg		93	75 - 125	7	20
Barium	76.4	F1	25.3	94.25	F1	mg/Kg		71	75 - 125	6	20
Beryllium	0.398		25.3	25.91		mg/Kg		101	75 - 125	6	20
Cadmium	ND		25.3	25.66		mg/Kg		101	75 - 125	3	20
Chromium	9.19		25.3	33.93		mg/Kg		98	75 - 125	7	20
Cobalt	4.28		25.3	27.46		mg/Kg		92	75 - 125	3	20
Copper	11.0		25.3	34.26		mg/Kg		92	75 - 125	6	20
Lead	11.5		25.3	32.08		mg/Kg		82	75 - 125	4	20
Molybdenum	0.538		25.3	24.15		mg/Kg		94	75 - 125	2	20
Nickel	8.51		25.3	32.37		mg/Kg		95	75 - 125	3	20
Selenium	ND	L	25.3	21.23		mg/Kg		84	75 - 125	4	20
Silver	ND		12.6	11.84		mg/Kg		94	75 - 125	6	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 570-10339-A-1-E MSD
Matrix: Solid
Analysis Batch: 27753

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 27224

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Thallium	ND		25.3	24.88		mg/Kg		96	75 - 125	3	20
Vanadium	20.3		25.3	44.57		mg/Kg		96	75 - 125	6	20
Zinc	44.2	F1	25.3	63.01	F1	mg/Kg		74	75 - 125	3	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 570-27225/1-A
Matrix: Solid
Analysis Batch: 27725

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 27225

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0833		mg/Kg		10/21/19 11:00	10/22/19 12:55	1

Lab Sample ID: LCS 570-27225/2-A
Matrix: Solid
Analysis Batch: 27518

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27225

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.862	0.8160		mg/Kg		95	85 - 121		

Lab Sample ID: LCSD 570-27225/3-A
Matrix: Solid
Analysis Batch: 27518

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 27225

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury			0.833	0.7962		mg/Kg		96	85 - 121	2	10

Lab Sample ID: 570-10339-A-1-G MS
Matrix: Solid
Analysis Batch: 27518

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 27225

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	0.124		0.862	0.8297		mg/Kg		82	71 - 137		

Lab Sample ID: 570-10339-A-1-H MSD
Matrix: Solid
Analysis Batch: 27518

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 27225

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.124		0.833	0.7944		mg/Kg		80	71 - 137	4	14

QC Association Summary

Client: California Environmental
Project/Site: 3555 - LAGUNA CITY HALL

Job ID: 570-10327-1

GC/MS VOA

Analysis Batch: 26523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-10327-1	CEB1-5FT	Total/NA	Solid	8260B	26666
570-10327-2	CEB1-20FT	Total/NA	Solid	8260B	26666
570-10327-3	CEB2-5FT	Total/NA	Solid	8260B	26666
570-10327-4	CEB2-20FT	Total/NA	Solid	8260B	26666
570-10327-5	CEB3-5FT	Total/NA	Solid	8260B	26666
570-10327-6	CEB3-15FT	Total/NA	Solid	8260B	26666
570-10327-7	CEB4-5FT	Total/NA	Solid	8260B	26666
570-10327-8	CEB4-15FT	Total/NA	Solid	8260B	26666
570-10327-9	CEB5-5FT	Total/NA	Solid	8260B	26666
570-10327-10	CEB5-15FT	Total/NA	Solid	8260B	26666
570-10327-11	CEB6-7FT	Total/NA	Solid	8260B	26666
570-10327-12	CEB7-5FT	Total/NA	Solid	8260B	26666
570-10327-13	CEB8-5FT	Total/NA	Solid	8260B	26666
570-10327-14	CEB9-5FT	Total/NA	Solid	8260B	26666
570-10327-15	CEB10-7FT	Total/NA	Solid	8260B	26666
MB 570-26523/6	Method Blank	Total/NA	Solid	8260B	
LCS 570-26523/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-26523/4	Lab Control Sample Dup	Total/NA	Solid	8260B	

Prep Batch: 26666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-10327-1	CEB1-5FT	Total/NA	Solid	5035	
570-10327-2	CEB1-20FT	Total/NA	Solid	5035	
570-10327-3	CEB2-5FT	Total/NA	Solid	5035	
570-10327-4	CEB2-20FT	Total/NA	Solid	5035	
570-10327-5	CEB3-5FT	Total/NA	Solid	5035	
570-10327-6	CEB3-15FT	Total/NA	Solid	5035	
570-10327-7	CEB4-5FT	Total/NA	Solid	5035	
570-10327-8	CEB4-15FT	Total/NA	Solid	5035	
570-10327-9	CEB5-5FT	Total/NA	Solid	5035	
570-10327-10	CEB5-15FT	Total/NA	Solid	5035	
570-10327-11	CEB6-7FT	Total/NA	Solid	5035	
570-10327-12	CEB7-5FT	Total/NA	Solid	5035	
570-10327-13	CEB8-5FT	Total/NA	Solid	5035	
570-10327-14	CEB9-5FT	Total/NA	Solid	5035	
570-10327-15	CEB10-7FT	Total/NA	Solid	5035	
570-10327-16	CEB11-5FT	Total/NA	Solid	5035	
570-10327-17	CEB12-5FT	Total/NA	Solid	5035	
570-10327-18	CEB13-5FT	Total/NA	Solid	5035	
570-10327-19	CEB13-17FT	Total/NA	Solid	5035	
570-10327-20	CEB14-5FT	Total/NA	Solid	5035	
570-10327-21	CEB15-5FT	Total/NA	Solid	5035	

Analysis Batch: 27003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-10327-16	CEB11-5FT	Total/NA	Solid	8260B	26666
570-10327-17	CEB12-5FT	Total/NA	Solid	8260B	26666
570-10327-18	CEB13-5FT	Total/NA	Solid	8260B	26666
570-10327-19	CEB13-17FT	Total/NA	Solid	8260B	26666
570-10327-20	CEB14-5FT	Total/NA	Solid	8260B	26666
570-10327-21	CEB15-5FT	Total/NA	Solid	8260B	26666

GC/MS VOA (Continued)

Analysis Batch: 27003 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-27003/5	Method Blank	Total/NA	Solid	8260B	
LCS 570-27003/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-27003/4	Lab Control Sample Dup	Total/NA	Solid	8260B	

GC Semi VOA

Prep Batch: 27169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-10327-21	CEB15-5FT	Total/NA	Solid	3550C	
MB 570-27169/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-27169/2-A	Lab Control Sample	Total/NA	Solid	3550C	
570-10455-B-63-B MS	Matrix Spike	Total/NA	Solid	3550C	
570-10455-B-63-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3550C	

Prep Batch: 27266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-10327-1	CEB1-5FT	Total/NA	Solid	3550C	
570-10327-2	CEB1-20FT	Total/NA	Solid	3550C	
570-10327-3	CEB2-5FT	Total/NA	Solid	3550C	
570-10327-4	CEB2-20FT	Total/NA	Solid	3550C	
570-10327-5	CEB3-5FT	Total/NA	Solid	3550C	
570-10327-6	CEB3-15FT	Total/NA	Solid	3550C	
570-10327-7	CEB4-5FT	Total/NA	Solid	3550C	
570-10327-8	CEB4-15FT	Total/NA	Solid	3550C	
570-10327-9	CEB5-5FT	Total/NA	Solid	3550C	
570-10327-10	CEB5-15FT	Total/NA	Solid	3550C	
570-10327-11	CEB6-7FT	Total/NA	Solid	3550C	
570-10327-12	CEB7-5FT	Total/NA	Solid	3550C	
570-10327-13	CEB8-5FT	Total/NA	Solid	3550C	
570-10327-14	CEB9-5FT	Total/NA	Solid	3550C	
570-10327-15	CEB10-7FT	Total/NA	Solid	3550C	
570-10327-16	CEB11-5FT	Total/NA	Solid	3550C	
570-10327-17	CEB12-5FT	Total/NA	Solid	3550C	
570-10327-18	CEB13-5FT	Total/NA	Solid	3550C	
570-10327-19	CEB13-17FT	Total/NA	Solid	3550C	
570-10327-20	CEB14-5FT	Total/NA	Solid	3550C	
MB 570-27266/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-27266/2-A	Lab Control Sample	Total/NA	Solid	3550C	
570-10327-11 MS	CEB6-7FT	Total/NA	Solid	3550C	
570-10327-11 MSD	CEB6-7FT	Total/NA	Solid	3550C	

Analysis Batch: 27365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-10327-21	CEB15-5FT	Total/NA	Solid	8015B	27169
MB 570-27169/1-A	Method Blank	Total/NA	Solid	8015B	27169
LCS 570-27169/2-A	Lab Control Sample	Total/NA	Solid	8015B	27169
570-10455-B-63-B MS	Matrix Spike	Total/NA	Solid	8015B	27169
570-10455-B-63-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	27169

QC Association Summary

Client: California Environmental
Project/Site: 3555 - LAGUNA CITY HALL

Job ID: 570-10327-1

GC Semi VOA

Analysis Batch: 27624

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-10327-1	CEB1-5FT	Total/NA	Solid	8015B	27266
570-10327-2	CEB1-20FT	Total/NA	Solid	8015B	27266
570-10327-3	CEB2-5FT	Total/NA	Solid	8015B	27266
570-10327-4	CEB2-20FT	Total/NA	Solid	8015B	27266
570-10327-5	CEB3-5FT	Total/NA	Solid	8015B	27266
570-10327-6	CEB3-15FT	Total/NA	Solid	8015B	27266
570-10327-7	CEB4-5FT	Total/NA	Solid	8015B	27266
570-10327-8	CEB4-15FT	Total/NA	Solid	8015B	27266
570-10327-9	CEB5-5FT	Total/NA	Solid	8015B	27266
570-10327-10	CEB5-15FT	Total/NA	Solid	8015B	27266
570-10327-11	CEB6-7FT	Total/NA	Solid	8015B	27266
570-10327-12	CEB7-5FT	Total/NA	Solid	8015B	27266
570-10327-13	CEB8-5FT	Total/NA	Solid	8015B	27266
570-10327-14	CEB9-5FT	Total/NA	Solid	8015B	27266
570-10327-15	CEB10-7FT	Total/NA	Solid	8015B	27266
570-10327-16	CEB11-5FT	Total/NA	Solid	8015B	27266
570-10327-17	CEB12-5FT	Total/NA	Solid	8015B	27266
570-10327-18	CEB13-5FT	Total/NA	Solid	8015B	27266
570-10327-19	CEB13-17FT	Total/NA	Solid	8015B	27266
570-10327-20	CEB14-5FT	Total/NA	Solid	8015B	27266
MB 570-27266/1-A	Method Blank	Total/NA	Solid	8015B	27266
LCS 570-27266/2-A	Lab Control Sample	Total/NA	Solid	8015B	27266
570-10327-11 MS	CEB6-7FT	Total/NA	Solid	8015B	27266
570-10327-11 MSD	CEB6-7FT	Total/NA	Solid	8015B	27266

Metals

Prep Batch: 27224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-10327-11	CEB6-7FT	Total/NA	Solid	3050B	
570-10327-14	CEB9-5FT	Total/NA	Solid	3050B	
570-10327-15	CEB10-7FT	Total/NA	Solid	3050B	
570-10327-20	CEB14-5FT	Total/NA	Solid	3050B	
MB 570-27224/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 570-27224/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-27224/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
570-10339-A-1-D MS	Matrix Spike	Total/NA	Solid	3050B	
570-10339-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	3050B	

Prep Batch: 27225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-10327-11	CEB6-7FT	Total/NA	Solid	7471A	
570-10327-14	CEB9-5FT	Total/NA	Solid	7471A	
570-10327-15	CEB10-7FT	Total/NA	Solid	7471A	
570-10327-20	CEB14-5FT	Total/NA	Solid	7471A	
MB 570-27225/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-27225/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-27225/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
570-10339-A-1-G MS	Matrix Spike	Total/NA	Solid	7471A	
570-10339-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	

QC Association Summary

Client: California Environmental
Project/Site: 3555 - LAGUNA CITY HALL

Job ID: 570-10327-1

Metals

Analysis Batch: 27518

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-10327-11	CEB6-7FT	Total/NA	Solid	7471A	27225
570-10327-14	CEB9-5FT	Total/NA	Solid	7471A	27225
570-10327-15	CEB10-7FT	Total/NA	Solid	7471A	27225
570-10327-20	CEB14-5FT	Total/NA	Solid	7471A	27225
LCS 570-27225/2-A	Lab Control Sample	Total/NA	Solid	7471A	27225
LCSD 570-27225/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	27225
570-10339-A-1-G MS	Matrix Spike	Total/NA	Solid	7471A	27225
570-10339-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	27225

Analysis Batch: 27725

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-27225/1-A	Method Blank	Total/NA	Solid	7471A	27225

Analysis Batch: 27753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-10327-11	CEB6-7FT	Total/NA	Solid	6010B	27224
570-10327-14	CEB9-5FT	Total/NA	Solid	6010B	27224
570-10327-15	CEB10-7FT	Total/NA	Solid	6010B	27224
570-10327-20	CEB14-5FT	Total/NA	Solid	6010B	27224
MB 570-27224/1-A	Method Blank	Total/NA	Solid	6010B	27224
LCS 570-27224/2-A	Lab Control Sample	Total/NA	Solid	6010B	27224
LCSD 570-27224/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	27224
570-10339-A-1-D MS	Matrix Spike	Total/NA	Solid	6010B	27224
570-10339-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	6010B	27224

Lab Chronicle

Client: California Environmental
Project/Site: 3555 - LAGUNA CITY HALL

Job ID: 570-10327-1

Client Sample ID: CEB1-5FT
Date Collected: 10/16/19 07:30
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.177 g	5 g	26666	10/17/19 13:18	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	26523	10/17/19 13:52	J78Y	ECL 2
	Instrument ID: GCMSQQ									
Total/NA	Prep	3550C			10.4 g	10 mL	27266	10/19/19 14:20	Q8PV	ECL 1
Total/NA	Analysis	8015B		1			27624	10/23/19 09:15	I9H5	ECL 1
	Instrument ID: GC46									

Client Sample ID: CEB1-20FT
Date Collected: 10/16/19 07:42
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.529 g	5 g	26666	10/17/19 13:18	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	26523	10/17/19 14:18	J78Y	ECL 2
	Instrument ID: GCMSQQ									
Total/NA	Prep	3550C			10.3 g	10 mL	27266	10/19/19 14:20	Q8PV	ECL 1
Total/NA	Analysis	8015B		1			27624	10/23/19 09:38	I9H5	ECL 1
	Instrument ID: GC46									

Client Sample ID: CEB2-5FT
Date Collected: 10/16/19 09:00
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.902 g	5 g	26666	10/17/19 13:18	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	26523	10/17/19 14:43	J78Y	ECL 2
	Instrument ID: GCMSQQ									
Total/NA	Prep	3550C			9.8 g	10 mL	27266	10/19/19 14:20	Q8PV	ECL 1
Total/NA	Analysis	8015B		1			27624	10/23/19 10:02	I9H5	ECL 1
	Instrument ID: GC46									

Client Sample ID: CEB2-20FT
Date Collected: 10/16/19 09:17
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.208 g	5 g	26666	10/17/19 13:18	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	26523	10/17/19 15:09	J78Y	ECL 2
	Instrument ID: GCMSQQ									
Total/NA	Prep	3550C			10.3 g	10 mL	27266	10/19/19 14:20	Q8PV	ECL 1
Total/NA	Analysis	8015B		1			27624	10/23/19 11:12	I9H5	ECL 1
	Instrument ID: GC46									

Lab Chronicle

Client: California Environmental
Project/Site: 3555 - LAGUNA CITY HALL

Job ID: 570-10327-1

Client Sample ID: CEB3-5FT
Date Collected: 10/16/19 09:50
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.917 g	5 g	26666	10/17/19 13:18	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	26523	10/17/19 15:35	J78Y	ECL 2
	Instrument ID: GCMSQQ									
Total/NA	Prep	3550C			10.3 g	10 mL	27266	10/19/19 14:20	Q8PV	ECL 1
Total/NA	Analysis	8015B		1			27624	10/23/19 11:36	I9H5	ECL 1
	Instrument ID: GC46									

Client Sample ID: CEB3-15FT
Date Collected: 10/16/19 09:55
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.357 g	5 g	26666	10/17/19 16:01	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	26523	10/17/19 16:34	J78Y	ECL 2
	Instrument ID: GCMSQQ									
Total/NA	Prep	3550C			9.8 g	10 mL	27266	10/19/19 14:20	Q8PV	ECL 1
Total/NA	Analysis	8015B		1			27624	10/23/19 11:59	I9H5	ECL 1
	Instrument ID: GC46									

Client Sample ID: CEB4-5FT
Date Collected: 10/16/19 10:32
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.321 g	5 g	26666	10/17/19 16:01	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	26523	10/17/19 17:00	J78Y	ECL 2
	Instrument ID: GCMSQQ									
Total/NA	Prep	3550C			10.3 g	10 mL	27266	10/19/19 14:20	Q8PV	ECL 1
Total/NA	Analysis	8015B		1			27624	10/23/19 12:22	I9H5	ECL 1
	Instrument ID: GC46									

Client Sample ID: CEB4-15FT
Date Collected: 10/16/19 10:48
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.985 g	5 g	26666	10/17/19 16:01	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	26523	10/17/19 17:25	J78Y	ECL 2
	Instrument ID: GCMSQQ									
Total/NA	Prep	3550C			10.0 g	10 mL	27266	10/19/19 14:20	Q8PV	ECL 1
Total/NA	Analysis	8015B		1			27624	10/23/19 12:46	I9H5	ECL 1
	Instrument ID: GC46									

Lab Chronicle

Client: California Environmental
Project/Site: 3555 - LAGUNA CITY HALL

Job ID: 570-10327-1

Client Sample ID: CEB5-5FT
Date Collected: 10/16/19 11:25
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.889 g	5 g	26666	10/17/19 16:01	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	26523	10/17/19 17:51	J78Y	ECL 2
	Instrument ID: GCMSQQ									
Total/NA	Prep	3550C			10.0 g	10 mL	27266	10/19/19 14:20	Q8PV	ECL 1
Total/NA	Analysis	8015B		1			27624	10/23/19 13:10	I9H5	ECL 1
	Instrument ID: GC46									

Client Sample ID: CEB5-15FT
Date Collected: 10/16/19 11:50
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.878 g	5 g	26666	10/17/19 16:01	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	26523	10/17/19 18:17	J78Y	ECL 2
	Instrument ID: GCMSQQ									
Total/NA	Prep	3550C			9.8 g	10 mL	27266	10/19/19 14:20	Q8PV	ECL 1
Total/NA	Analysis	8015B		1			27624	10/23/19 13:33	I9H5	ECL 1
	Instrument ID: GC46									

Client Sample ID: CEB6-7FT
Date Collected: 10/16/19 12:50
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.256 g	5 g	26666	10/17/19 16:01	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	26523	10/17/19 18:43	J78Y	ECL 2
	Instrument ID: GCMSQQ									
Total/NA	Prep	3550C			9.8 g	10 mL	27266	10/19/19 14:20	Q8PV	ECL 1
Total/NA	Analysis	8015B		1			27624	10/23/19 13:56	I9H5	ECL 1
	Instrument ID: GC46									
Total/NA	Prep	3050B			2.00 g	100 mL	27224	10/19/19 11:12	MD3A	ECL 1
Total/NA	Analysis	6010B		1			27753	10/22/19 13:15	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.58 g	100 mL	27225	10/21/19 11:00	MD3A	ECL 1
Total/NA	Analysis	7471A		1			27518	10/21/19 15:30	I3IN	ECL 1
	Instrument ID: HG7									

Client Sample ID: CEB7-5FT
Date Collected: 10/16/19 13:02
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.52 g	5 g	26666	10/17/19 16:01	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	26523	10/17/19 19:08	J78Y	ECL 2
	Instrument ID: GCMSQQ									

Lab Chronicle

Client: California Environmental
Project/Site: 3555 - LAGUNA CITY HALL

Job ID: 570-10327-1

Client Sample ID: CEB7-5FT
Date Collected: 10/16/19 13:02
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			9.5 g	10 mL	27266	10/19/19 14:20	Q8PV	ECL 1
Total/NA	Analysis	8015B		1			27624	10/23/19 14:20	I9H5	ECL 1
	Instrument ID: GC46									

Client Sample ID: CEB8-5FT
Date Collected: 10/16/19 13:25
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.194 g	5 g	26666	10/17/19 16:01	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	26523	10/17/19 19:34	J78Y	ECL 2
	Instrument ID: GCMSQQ									
Total/NA	Prep	3550C			10.2 g	10 mL	27266	10/19/19 14:20	Q8PV	ECL 1
Total/NA	Analysis	8015B		1			27624	10/23/19 15:06	I9H5	ECL 1
	Instrument ID: GC46									

Client Sample ID: CEB9-5FT
Date Collected: 10/16/19 13:35
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.862 g	5 g	26666	10/17/19 16:01	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	26523	10/17/19 20:00	J78Y	ECL 2
	Instrument ID: GCMSQQ									
Total/NA	Prep	3550C			10.2 g	10 mL	27266	10/19/19 14:20	Q8PV	ECL 1
Total/NA	Analysis	8015B		1			27624	10/23/19 15:30	I9H5	ECL 1
	Instrument ID: GC46									
Total/NA	Prep	3050B			1.99 g	100 mL	27224	10/19/19 11:12	MD3A	ECL 1
Total/NA	Analysis	6010B		1			27753	10/22/19 13:18	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.58 g	100 mL	27225	10/21/19 11:00	MD3A	ECL 1
Total/NA	Analysis	7471A		1			27518	10/21/19 15:37	I3IN	ECL 1
	Instrument ID: HG7									

Client Sample ID: CEB10-7FT
Date Collected: 10/16/19 13:55
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.372 g	5 g	26666	10/17/19 16:01	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	26523	10/17/19 20:26	J78Y	ECL 2
	Instrument ID: GCMSQQ									
Total/NA	Prep	3550C			9.6 g	10 mL	27266	10/19/19 14:20	Q8PV	ECL 1
Total/NA	Analysis	8015B		1			27624	10/23/19 15:54	I9H5	ECL 1
	Instrument ID: GC46									

Lab Chronicle

Client: California Environmental
Project/Site: 3555 - LAGUNA CITY HALL

Job ID: 570-10327-1

Client Sample ID: CEB10-7FT
Date Collected: 10/16/19 13:55
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	100 mL	27224	10/19/19 11:12	MD3A	ECL 1
Total/NA	Analysis	6010B		1			27753	10/22/19 13:20	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.62 g	100 mL	27225	10/21/19 11:00	MD3A	ECL 1
Total/NA	Analysis	7471A		1			27518	10/21/19 15:39	I3IN	ECL 1
	Instrument ID: HG7									

Client Sample ID: CEB11-5FT
Date Collected: 10/16/19 14:05
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.588 g	5 g	26666	10/17/19 16:01	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	27003	10/18/19 22:08	UVS5	ECL 2
	Instrument ID: GCMSOO									
Total/NA	Prep	3550C			10.1 g	10 mL	27266	10/19/19 14:20	Q8PV	ECL 1
Total/NA	Analysis	8015B		1			27624	10/23/19 16:17	I9H5	ECL 1
	Instrument ID: GC46									

Client Sample ID: CEB12-5FT
Date Collected: 10/16/19 14:15
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.931 g	5 g	26666	10/17/19 16:01	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	27003	10/18/19 22:36	UVS5	ECL 2
	Instrument ID: GCMSOO									
Total/NA	Prep	3550C			9.9 g	10 mL	27266	10/19/19 14:20	Q8PV	ECL 1
Total/NA	Analysis	8015B		1			27624	10/23/19 16:40	I9H5	ECL 1
	Instrument ID: GC46									

Client Sample ID: CEB13-5FT
Date Collected: 10/16/19 14:25
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.646 g	5 g	26666	10/17/19 16:01	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	27003	10/18/19 23:04	UVS5	ECL 2
	Instrument ID: GCMSOO									
Total/NA	Prep	3550C			10.1 g	10 mL	27266	10/19/19 14:20	Q8PV	ECL 1
Total/NA	Analysis	8015B		1			27624	10/23/19 17:04	I9H5	ECL 1
	Instrument ID: GC46									

Lab Chronicle

Client: California Environmental
Project/Site: 3555 - LAGUNA CITY HALL

Job ID: 570-10327-1

Client Sample ID: CEB13-17FT

Date Collected: 10/16/19 14:45
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.313 g	5 g	26666	10/17/19 16:01	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	27003	10/18/19 23:33	UVS5	ECL 2
	Instrument ID: GCMSOO									
Total/NA	Prep	3550C			9.5 g	10 mL	27266	10/19/19 14:20	Q8PV	ECL 1
Total/NA	Analysis	8015B		1			27624	10/23/19 17:27	I9H5	ECL 1
	Instrument ID: GC46									

Client Sample ID: CEB14-5FT

Date Collected: 10/16/19 15:15
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.753 g	5 g	26666	10/17/19 16:01	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	27003	10/19/19 00:30	UVS5	ECL 2
	Instrument ID: GCMSOO									
Total/NA	Prep	3550C			10.2 g	10 mL	27266	10/19/19 14:20	Q8PV	ECL 1
Total/NA	Analysis	8015B		1			27624	10/23/19 17:50	I9H5	ECL 1
	Instrument ID: GC46									
Total/NA	Prep	3050B			2.01 g	100 mL	27224	10/19/19 11:12	MD3A	ECL 1
Total/NA	Analysis	6010B		1			27753	10/22/19 13:22	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.60 g	100 mL	27225	10/21/19 11:00	MD3A	ECL 1
Total/NA	Analysis	7471A		1			27518	10/21/19 15:41	I3IN	ECL 1
	Instrument ID: HG7									

Client Sample ID: CEB15-5FT

Date Collected: 10/16/19 15:25
Date Received: 10/16/19 16:47

Lab Sample ID: 570-10327-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.223 g	5 g	26666	10/17/19 16:01	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	27003	10/19/19 00:01	UVS5	ECL 2
	Instrument ID: GCMSOO									
Total/NA	Prep	3550C			10.2 g	10 mL	27169	10/19/19 09:57	Q8PV	ECL 1
Total/NA	Analysis	8015B		1			27365	10/22/19 00:16	I9H5	ECL 1
	Instrument ID: GC50									

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: California Environmental
Job ID: 570-10327-1
Project/Site: 3555 - LAGUNA CITY HALL

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arizona	State	AZ0781	03-13-20
California	SCAQMD LAP	17LA0919	11-30-19
California	State	2944	09-29-20
Guam	State	19-004R	10-31-19
Hawaii	State	<cert No.>	07-02-20
Nevada	State	CA00111	07-31-20
Oregon	NELAP	CA300001	01-29-20

Method Summary

Client: California Environmental
Project/Site: 3555 - LAGUNA CITY HALL

Job ID: 570-10327-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
8015B	Diesel Range Organics (DRO) (GC)	SW846	ECL 1
6010B	Metals (ICP)	SW846	ECL 1
7471A	Mercury (CVAA)	SW846	ECL 1
3050B	Preparation, Metals	SW846	ECL 1
3550C	Ultrasonic Extraction	SW846	ECL 1
5035	Closed System Purge and Trap	SW846	ECL 2
7471A	Preparation, Mercury	SW846	ECL 1

Protocol References:

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

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: California Environmental
Project/Site: 3555 - LAGUNA CITY HALL

Job ID: 570-10327-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-10327-1	CEB1-5FT	Solid	10/16/19 07:30	10/16/19 16:47	
570-10327-2	CEB1-20FT	Solid	10/16/19 07:42	10/16/19 16:47	
570-10327-3	CEB2-5FT	Solid	10/16/19 09:00	10/16/19 16:47	
570-10327-4	CEB2-20FT	Solid	10/16/19 09:17	10/16/19 16:47	
570-10327-5	CEB3-5FT	Solid	10/16/19 09:50	10/16/19 16:47	
570-10327-6	CEB3-15FT	Solid	10/16/19 09:55	10/16/19 16:47	
570-10327-7	CEB4-5FT	Solid	10/16/19 10:32	10/16/19 16:47	
570-10327-8	CEB4-15FT	Solid	10/16/19 10:48	10/16/19 16:47	
570-10327-9	CEB5-5FT	Solid	10/16/19 11:25	10/16/19 16:47	
570-10327-10	CEB5-15FT	Solid	10/16/19 11:50	10/16/19 16:47	
570-10327-11	CEB6-7FT	Solid	10/16/19 12:50	10/16/19 16:47	
570-10327-12	CEB7-5FT	Solid	10/16/19 13:02	10/16/19 16:47	
570-10327-13	CEB8-5FT	Solid	10/16/19 13:25	10/16/19 16:47	
570-10327-14	CEB9-5FT	Solid	10/16/19 13:35	10/16/19 16:47	
570-10327-15	CEB10-7FT	Solid	10/16/19 13:55	10/16/19 16:47	
570-10327-16	CEB11-5FT	Solid	10/16/19 14:05	10/16/19 16:47	
570-10327-17	CEB12-5FT	Solid	10/16/19 14:15	10/16/19 16:47	
570-10327-18	CEB13-5FT	Solid	10/16/19 14:25	10/16/19 16:47	
570-10327-19	CEB13-17FT	Solid	10/16/19 14:45	10/16/19 16:47	
570-10327-20	CEB14-5FT	Solid	10/16/19 15:15	10/16/19 16:47	
570-10327-21	CEB15-5FT	Solid	10/16/19 15:25	10/16/19 16:47	

10327

CHAIN OF CUSTODY RECORD

eurofins | Calscience

570-10327 Chain of Custody

DATE: 10. 16. 19

PAGE: 1 OF 3

7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

LABORATORY CLIENT: CALIFORNIA ENVIRONMENTAL

ADDRESS: 30423 CANWOOD STREET, SUITE 208

CITY: AGOURA HILLS STATE: CA ZIP: 91301

TEL: 818-991-1542 E-MAIL: cbuckley@calenviro.com, greg@calenviro.com

CLIENT PROJECT NAME / NUMBER: 3555 - LAGUNA CITY HALL

P.O. NO.:

PROJECT CONTACT: Gregory Buensuceso

SAMPLER(S): (PRINT) Gregory Buensuceso

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS:

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	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☒ C6-C44	TPH ____	BTEX / MTBE ☐ 8260 ☐ ____	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ En Core ☒ Terra Core	SVOCs (8270)	Pesticides (8081) 8081A	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6
1	CEB1 - 5FT	10.16.19	0730	SOIL	4						X					X						
2	CEB1 - 20FT		0742																			
3	CEB2 - 5FT		0900																			
4	CEB2 - 20FT		0917																			
5	CEB3 - 5FT		0950																			
6	CEB3 - 15FT		0955																			
7	CEB4 - 5FT		1032																			
8	CEB4 - 15FT		1048																			
9	CEB5 - 5FT		1125																			
10	CEB5 - 15FT		1150																			

Relinquished by: (Signature)	Received by: (Signature/Affiliation) Dannyle BZ	Date: 10/16/19	Time: 16:47
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

4.2/4.7 SCB

06/02/14 Revision

Page 8 of 87

10/24/2019

10327

CHAIN OF CUSTODY RECORD

eurofins | Calscience

7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

WO # / LAB USE ONLY:

DATE: 10. 16. 19

PAGE: 2 OF 3

LABORATORY CLIENT: CALIFORNIA ENVIRONMENTAL

ADDRESS: 30423 CANWOOD STREET, SUITE 208

CITY: AGOURA HILLS STATE: CA ZIP: 91301

TEL: 818-991-1542 E-MAIL: cbuckley@calenviro.com, greg@calenviro.com

CLIENT PROJECT NAME / NUMBER: 3555 - LAGUNA CITY HALL

P.O. NO.:

PROJECT CONTACT: Gregory Buensuceso

SAMPLER(S): (PRINT) Gregory Buensuceso

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS:

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	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☒ C6-C44	TPH ____	BTEX / MTBE ☐ 8260 ☐ ____	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ En Core ☒ Terra Core	SVOCs (8270)	Pesticides (8081) 8081A	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6
11	CEB6 - 7FT	10.16.19	1250	SOIL	4						X					X					X	
12	CEB7 - 5FT		1302																			
13	CEB8 - 5FT		1325																			
14	CEB9 - 5FT		1335																		X	
15	CEB10 - 7FT		1355																		X	
16	CEB11 - 5FT		1405																			
17	CEB12 - 5FT		1415																			
18	CEB13 - 5FT		1425																			
19	CEB13 - 17FT		1445																			
20	CEB14 - 5FT		1515																		X	

Relinquished by: (Signature)	Received by: (Signature/Affiliation) Dannyle Tre	Date: 10/16/19	Time: 16:47
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

Page 85 of 87

H-69

10/24/2019

06/02/14 Revision

10327

CHAIN OF CUSTODY RECORD

eurofins | Calscience

7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

WO # / LAB USE ONLY:

DATE: 10, 16, 19

PAGE: 3 OF 3

LABORATORY CLIENT: CALIFORNIA ENVIRONMENTAL

ADDRESS: 30423 CANWOOD STREET, SUITE 208

CITY: AGOURA HILLS STATE: CA ZIP: 91301

TEL: 818-991-1542 E-MAIL: cbuckley@calenviro.com, greg@calenviro.com

CLIENT PROJECT NAME / NUMBER: 3555 - LAGUNA CITY HALL

P.O. NO.:

PROJECT CONTACT: Gregory Buensuceso

SAMPLER(S): (PRINT) Gregory Buensuceso

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS:

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	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☒ C6-C44	TPH ____	BTEX / MTBE ☐ 8260 ☐ ____	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ En Core ☒ Terra Core	SVOCs (8270)	Pesticides (8081) 8081A	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6				
21	CEB15-5FT	10.16.19	1525	SOIL	4						X					X										

Relinquished by: (Signature)	Received by: (Signature/Affiliation) Dannyle EC	Date: 10/16/19	Time: 16:47
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

06/02/14 Revision

Login Sample Receipt Checklist

Client: California Environmental

Job Number: 570-10327-1

Login Number: 10327
List Number: 1
Creator: Le, Danny

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	