

August 30, 2022

District 1 New Mexico Oil Conservation Division 1625 North French Drive Hobbs, New Mexico 88240

Re: Closure Request Montera Federal 10M CTB Incident Number NAPP2135442784 Lea County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of COG Operating, LLC (COG), has prepared this Closure Request to document site assessment, excavation, and soil sampling activities performed at the Montera Federal 10M CTB (Site). The purpose of the site assessment, excavation, and soil sampling activities was to address impacts to soil resulting from a crude oil flare fire at the Site. Based on the excavation activities and laboratory analytical results from the soil sampling events, COG is submitting this Closure Request, describing remediation that has occurred and requesting closure for Incident Number NAPP2135442784.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit M, Section 10, Township 25 South, Range 35 East, in Lea County, New Mexico (32.1390991° N, 103.3629782° W) and is associated with oil and gas exploration and production operations on private land owned by Tap Rock NM 10 Minerals, LLC.

On December 6, 2021, an incorrectly bypassed valve resulted in the release of approximately 0.25 barrels (bbls) of crude oil through the flare stack, which resulted in a small fire on the well pad. The fire extinguished itself on the ground and there were no fluids to recover. COG reported the release to the New Mexico Oil Conservation Division (NMOCD) via email on December 7, 2021 and submitted a Release Notification Form C-141 (Form C-141) on December 20, 2021. The release was assigned Incident Number NAPP2135442784.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized according to Table 1, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented on page 3 of the Form C-141, Site Assessment/Characterization. Potential site receptors are identified on Figure 1.

Depth to groundwater at the Site is estimated to be between 50 and 100 feet below ground surface (bgs) based on the nearest groundwater well data. The closest permitted groundwater well with depth to groundwater data is United States Geological Survey (USGS) well 320841103205601, located

Ensolum, LLC | Environmental, Engineering & Hydrogeologic Consultants 601 North Marienfeld Street, Suite 400 | Midland, TX 79701 | ensolum.com Texas PG Firm No. 50588 | Texas PE Firm No. F-21843 Montera Federal 10M CTB

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approximately 0.9 miles northeast of the Site and next to Antelope Draw. The groundwater well has a reported depth to groundwater of 76 feet bgs and a total depth of 84 feet bgs. Ground surface elevation at the groundwater well location is 3,174 feet above mean sea level (amsl), which is approximately 55 feet lower in elevation than the Site. There are no regional or Site-specific hydrological conditions, such as shallow surface water, karst features, wetlands, or vegetation that suggest the Site is conducive to shallow groundwater. All wells used for depth to groundwater determination are presented on Figure 1. The referenced well records are included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is an intermittent riverine, located approximately 1,172 feet east of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Site receptors are identified on Figure 1.

Based on the results of the Site Characterization, the following NMOCD Table 1 Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 10,000 mg/kg

SITE ASSESSMENT ACTIVITIES AND ANALYTICAL RESULTS

On Janurary 4, 2022, site assessment activities were conducted to evaluate the release extent based on information provided on the Form C-141 and visual observations. Four preliminary soil samples (SS01 through SS04) were collected within the release extent at a depth of 0.5 feet bgs, to assess the lateral extent of the release. The preliminary soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach[®] chloride QuanTab[®] test strips. The release extent and preliminary soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported at or below 4 degrees Celsius (°C) under strict chain-of-custody procedures to Eurofins Laboratories (Eurofins) in Carlsbad, New Mexico, for analysis of BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

Laboratory analytical results for preliminary soil sample SS04 indicated the TPH-GRO/TPH-DRO concentration exceeded the Closure Criteria. Laboratory analytical results for preliminary soil samples SS01 through SS03 indicated benzene, BTEX, TPH-GRO/TPH-DRO, TPH, and chloride concentrations were compliant with the Closure Criteria. Based on visible staining in the release area, elevated field screening results, and laboratory analytical results for preliminary soil sample SS04, delineation and excavation activities appeared to be warranted.

Montera Federal 10M CTB

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DELINEATION AND EXCAVATION SOIL SAMPLING ACTIVITIES

Between May 23, 2022 and August 10, 2022, Ensolum personnel were at the Site to oversee delineation and excavation activities. Three potholes (PH01/PH01A through PH03/PH03A) were advanced via backhoe at in the vicinity of preliminary soil sample locations SS01 through SS03, respectively, to assess the vertical extent of soil characteristics. The potholes were advanced to a depth of 2 feet bgs. Delineation soil samples were collected from each pothole at depths of 1-foot and 2 feet bgs. Soil from the potholes was field screened for VOCs and chloride. Field screening results and observations for the potholes were logged on lithologic soil sampling logs, which are included in Appendix B. Additionally, lateral delineation soil samples SS05 through SS08 were collected from around the release extent at a depth of 0.5 feet bgs to confirm the lateral extent of the release. The pothole and delineation soil sample locations are depicted on Figure 3.

Upon completion of delineation activities, soil was excavated from the release area as indicated by visible staining in the vicinity of preliminary soil samples SS01 and SS03 and laboratory analytical results for preliminary soil sample SS04. Excavation activities were performed using a track-mounted backhoe and transport vehicles. To direct excavation activities, soil was screened for VOCs and chloride. The excavation was completed to a maximum depth of 1-foot bgs. Photographic documentation of the excavation activities is included in Appendix C.

Following removal of the impacted and stained soil, 5-point composite soil samples were collected every 200 square feet from the sidewalls and floor of the excavation. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the sample by thoroughly mixing. Composite soil samples FS01 through FS03 were collected from the floor of the excavation at depths ranging from 0.75 feet to 1-foot bgs. Due to the shallow depth of the excavation, the floor sample was also representative of the excavation sidewalls. The soil sample was collected, handled, and analyzed following the same procedures as described above. The excavation extent and excavation soil sample locations are presented on Figure 4.

The excavation area measured approximately 500 square feet. A total of approximately 20 cubic yards of soil was removed during the excavation activities. The soil was transported and properly disposed of at the R360 Facility in Hobbs, New Mexico.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for the delineation soil samples collected from potholes PH01/PH01A through PH03/PH03A and lateral delineation soil samples SS05 through SS08 indicated benzene, BTEX, TPH-GRO/TPH-DRO, TPH, and chloride concentrations were compliant with the Site Closure Criteria. Additionally, laboratory analytical results for lateral delineation soil samples SS05 through SS08 were compliant with the most stringent Table 1 Closure Criteria and successfully defined the lateral extent of the release.

Laboratory analytical results for excavation floor samples FS01 through FS03, collected from the final excavation extent, indicated benzene, BTEX, TPH-GRO/TPH-DRO, TPH, and chloride concentrations were compliant with the Site Closure Criteria and compliant with the most stringent Table 1 Closure Criteria. Laboratory analytical results are summarized in Table 1 and laboratory analytical reports are included as Appendix D.

CLOSURE REQUEST

Site assessment and excavation activities were conducted at the Site to address the December 6, 2021, crude oil flare fire release. Laboratory analytical results for delineation soil samples and excavation soil

Montera Federal 10M CTB

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samples, collected from the final excavation extent, indicated benzene, BTEX, TPH-GRO/TPH-DRO, TPH, and chloride concentrations were compliant with the Site Closure Criteria and compliant with the most stringent Table 1 Closure Criteria. Based on the soil sample analytical results, no further remediation was required. COG will backfill the excavation with material purchased locally and recontour the Site to match pre-existing site conditions.

Excavation of impacted soil has mitigated impacts at this Site. Depth to groundwater has been estimated to be between 50 feet and 100 feet bgs and no other sensitive receptors were identified near the release extent. COG believes these remedial actions are protective of human health, the environment, and groundwater. As such, COG respectfully requests closure for Incident Number NAPP2135442784. The Form C-141 is attached as Appendix F.

If you have any questions or comments, please contact Ms. Kalei Jennings at (817) 683-2503 or kjennings@ensolum.com.

Kalei Jennings

Senior Scientist

Sincerely, **Ensolum, LLC**

adrie Streen

Hadlie Green Staff Geologist

cc: Charles Beauvais, COG Operating, LLC Tap Rock NM 10 Minerals, LLC

Appendices:

- Figure 1 Site Location Map
- Figure 2 Preliminary Soil Sample Locations
- Figure 3 Delineation Soil Sample Locations
- Figure 4 Excavation Soil Sample Locations
- Table 1Soil Sample Analytical Results
- Appendix A Referenced Well Records
- Appendix B Lithologic Soil Sampling Logs
- Appendix C Photographic Log
- Appendix D Laboratory Analytical Reports & Chain-of-Custody Documentation
- Appendix E NMOCD Sample Notification
- Appendix F Final C-141



FIGURES

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TABLES

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	TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS Montera Federal 10M CTB COG Operating, LLC Lea County, New Mexico											
Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)		
NMOCD Table 1 C	Closure Criteria ((NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	10,000		
				Prelimina	ry Assessment S	oil Samples						
SS01	01/04/2022	0.5	<0.00200	<0.00400	<50.0	647	<50.0	647	647	30.9		
SS02	01/04/2022	0.5	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	13.7		
SS03	01/04/2022	0.5	<0.00200	<0.00400	<50.0	340	<50.0	340	340	13.9		
SS04	01/04/2022	0.5	<0.00198	0.464	<50.0	1,400	<50.0	1,400	1,400	62.9		
SS05	05/23/2022	0.5	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	31.9		
SS06	05/23/2022	0.5	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	29.6		
SS07	05/23/2022	0.5	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	80.4		
SS08	05/23/2022	0.5	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	18.2		
				Del	ineation Soil San	nples						
PH01	05/23/2022	1	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	32.6		
PH01A	05/23/2022	2	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	38.1		
PH02	05/23/2022	1	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	23.7		
PH02A	05/23/2022	2	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	23.8		
PH03	05/23/2022	1	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	29.8		
PH03A	05/23/2022	2	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	36.8		
				Excav	ation Floor Soil S	amples						
FS01	05/23/2022	0.75	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	143		
FS02	08/10/2022	1	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	13.8		
FS03	08/10/2022	1	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	9.43		

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes DRO: Diesel Range Organics ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

GRO: Gasoline Range Organics

Concentrations in bold exceed the NMOCD Table 1 Closure Criteria or reclamation standard where applicable.

Gray text represents samples that have been excavated

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APPENDIX A

Referenced Well Records

Received by OCD: 8/31/2022 3:37:32 New Mexico Office of the State Engineer Page 13 of 111 Point of Diversion Summary

	(quarters are 1=NW 2=1 (quarters are smallest t		(NAD83 UTM in meters)	
Well Tag POD Number	Q64 Q16 Q4 Sec	Tws Rng	X Y	
C 02298	2 2 1 21	258 35E	653484 3555216 🌍	
Driller License: 122	Driller Company:	UNKNOWN		
Driller Name: UNKNOW	N			
Drill Start Date:	Drill Finish Date:	12/31/1949	Plug Date:	
Log File Date:	PCW Rcv Date:		Source:	
Pump Type:	Pipe Discharge Size	18 - C	Estimated Yield:	4 GPM
Casing Size: 8.00	Depth Well:	250 feet	Depth Water:	205 feet

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

USREe#20\$ 000 379 569 3: 3755 55 E.10.223132

Lea County, New Mexico Latitude 32°08'41", Longitude 103°20'56" NAD27 Land-surface elevation 3,174 feet above NAVD88 The depth of the well is 84 feet below land surface. This well is completed in the Other aquifers (N9999OTHER) national aquifer. This well is completed in the Ogallala Formation (1210GLL) local aquifer.

Table of data	
Tab-separated data	
Graph of data	
Reselect period	

Date \$	Time \$	Ø Water-level o date-time accuracy	Ø Parameter ¢ code	Water level, feet ¢ land surface	Water level, feet above specific vertical datum	Referenced vertical \$ datum
1953-04-02		D	62610		3095.55	NGVD29
1953-04-02		D	62611		3097.02	NAVD88
1953-04-02		D	72019			A Real Property in the Propert
1965-10-21		D	62610		3094,66	NGVD29
1965-10-21		D			3096.13	NAVD88
1965-10-21		D	72019	77,87		
1968-06-12		D	62610		3098.14	NGVD29
1968-06-12		D	62611		3099.61	NAVD88
1968-05-12		D	72019	74.39		
1970-12-09		D	62610		3098.64	NGVD29
1970-12-09		D	62611		3100.11	NAVD88
1970-12-09		D	72019	73.89		
1976-01-09		D	62610		3097,48	NGVD29
1976-01-09		D	62611		3098.95	NAVD88
1976-01-09		D	72019	75.05		
1981-03-27		D	62610		3096.10	NGVD29
1981-03-27		D	62611		3097.57	NAVD88
1981-03-27		D	72019	76.43		
1986-03-18		D	62610		3096,84	NGVD29
1986-03-18		D	62611		3098.31	NAVD88
1986-03-18		D	72019	75,69		
1991-06-12		D	62610		3096.48	NGVD29
1991-06-12		D	62611		3097,95	NAVD88
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APPENDIX B

Lithologic Soil Sampling Logs

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-								Sample Name: PH01	Date: 05/23/2022		
		-		C	01		R.A	Site Name: Montera Federal 10	ОМ СТВ		
1.5			IN	3		- 0		Incident Number: NAPP2135442784			
								Job Number: 03D2024014			
		LITHOL	OGI		SAMPLING	6 LOG		Logged By: CS	Method: Hand Auger		
Coord	inates:							Hole Diameter:	Total Depth: 2'		
Comments: Field screening conducted with HACH Chloride Test Strips and performed with 1:4 dilution factor of soil to distilled water. No correction									ectively. Chloride test		
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic D	Descriptions		
D	<168 <168	0.0 0.0	ZZ	PH01 PH01A			CCHE CCHE	no stain, no odor.	rly sorted, poorly angular clasts, fine grain,		
						- - - - TD @	2 feet	bøs			

•

						Sample Name: PH02	Date: 05/23/2022		
		10	0			Site Name: Montera Federal 10M			
	EN	IS	OI			Incident Number: NAPP2135442784			
Reasonable Contractor						Job Number: 03D2024014			
	ITHOLOG			GLOG		Logged By: CS Method: Hand Auger			
Coordinates:						Hole Diameter:	Total Depth: 2'		
	screening	conducted w	ith HACH Cl	nloride Test	Strips and	PID for chloride and vapor, respect			
	-				•	factors included.	-,		
Moisture Content Chloride (ppm)	Vapor (ppm) Staining	Sample ID	Sample Depth (ft bgs)	Lithologic Des	criptions				
D <168 D <168	0.0 N 0.0 N				CALICHE, red-brown, poorly graded, subangular to ang no stain, no odor. SAA	sorted, poorly gular clasts, fine grain,			
				<u> </u>	ම 2 feet				

•

							Sample Name: PH03	Date: 05/23/2022		
	-		-	0			Site Name: Montera Federal 10M			
	E	N	S	OL	. U	M	Incident Number: NAPP2135442784			
							Job Number: 03D2024014			
		0610		SAMPLING	5106		Logged By: CS Method: Hand Auger			
Coordinates:							Hole Diameter:	Total Depth: 2'		
	ld screeni	ing co	onducted w	ith HACH Cl	nloride Test S	Strips and	PID for chloride and vapor, respect			
performed with 1:4 dilution factor of soil to distilled water. No correction								-,		
Moisture Content Chloride (ppm)	Content Content (ppm) (p						Lithologic Des	criptions		
D <168 D <168	D <168 0.3 N PH03 1 1 CCHE						CALICHE, red-brown, poorly graded, subangular to ang no stain, no odor. SAA	sorted, poorly gular clasts, fine grain,		
					TD @	🤉 2 feet	l høs			



APPENDIX C

Photographic Log

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APPENDIX D

Laboratory Analytical Reports & Chain of Custody Documentation

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LINKS

Review your project results through

EOL

Have a Question?

www.eurofinsus.com/Env

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Environment Testing America

ANALYTICAL REPORT

Eurofins Carlsbad 1089 N Canal St. Carlsbad, NM 88220 Tel: (575)988-3199

Laboratory Job ID: 890-2330-1

Laboratory Sample Delivery Group: 03D2024014 Client Project/Site: Montera Federal 10M CTB

For:

Ensolum 705 W. Wadley Suite 210 Midland, Texas 79701

Attn: Kalei Jennings

RAMER

Authorized for release by: 5/31/2022 10:07:57 AM Jessica Kramer, Project Manager (432)704-5440 Jessica.Kramer@et.eurofinsus.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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-	

	Demittons/Glossary	
Client: Ensolum		
-	ontera Federal 10M CTB SDG: 03D202401	14
Qualifiers		_ 3
GC VOA		
Qualifier	Qualifier Description	
F1	MS and/or MSD recovery exceeds control limits.	
U	Indicates the analyte was analyzed for but not detected.	5
GC Semi VOA		
Qualifier	Qualifier Description	
U	Indicates the analyte was analyzed for but not detected.	_
HPLC/IC		
Qualifier	Qualifier Description	
U	Indicates the analyte was analyzed for but not detected.	- 8
Glossary		- 6
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	- 1
%R	Percent Recovery	
CFL	Contains Free Liquid	
CFU	Colony Forming Unit	
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)	
MCL	EPA recommended "Maximum Contaminant Level"	

Minimum Detectable Activity (Radiochemistry)

Method Detection Limit

Minimum Level (Dioxin)

Most Probable Number

Not Calculated

Negative / Absent

Positive / Present Practical Quantitation Limit

Presumptive

Quality Control

Method Quantitation Limit

Relative Error Ratio (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Reporting Limit or Requested Limit (Radiochemistry)

Relative Percent Difference, a measure of the relative difference between two points

Minimum Detectable Concentration (Radiochemistry)

Not Detected at the reporting limit (or MDL or EDL if shown)

MDA

MDC

MDL

MPN

MQL

NC ND

NEG

POS

PQL PRES

QC

RER

RL RPD

TEF

TEQ

TNTC

ML

4

5

Job ID: 890-2330-1 SDG: 03D2024014

Job ID: 890-2330-1

Client: Ensolum

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-2330-1

Receipt

The samples were received on 5/23/2022 1:32 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.6°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-26189 and analytical batch 880-26191 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.

GC Semi VOA

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

HPLC/IC

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

Job ID: 890-2330-1 SDG: 03D2024014

Client Sample ID: FS01

Date Collected: 05/23/22 09:25 Date Received: 05/23/22 13:32

Sample Depth: 0.75

Client: Ensolum

Lab Sample ID: 890-2330-1

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00200	U	0.00200	mg/Kg		05/24/22 14:35	05/25/22 12:54	
Toluene	<0.00200	U	0.00200	mg/Kg		05/24/22 14:35	05/25/22 12:54	
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/24/22 14:35	05/25/22 12:54	
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		05/24/22 14:35	05/25/22 12:54	
o-Xylene	0.00237		0.00200	mg/Kg		05/24/22 14:35	05/25/22 12:54	
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		05/24/22 14:35	05/25/22 12:54	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	122		70 - 130			05/24/22 14:35	05/25/22 12:54	
1,4-Difluorobenzene (Surr)	98		70 - 130			05/24/22 14:35	05/25/22 12:54	
Method: Total BTEX - Total BTEX	(Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00399	U	0.00399	mg/Kg			05/25/22 09:40	
Method: 8015 NM - Diesel Range	Organics (DR	0) (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<50.0	U	50.0	mg/Kg			05/25/22 09:17	
Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/24/22 16:02	05/24/22 21:00	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		05/24/22 16:02	05/24/22 21:00	
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/24/22 16:02	05/24/22 21:00	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
1-Chlorooctane	126		70 - 130			05/24/22 16:02	05/24/22 21:00	
o-Terphenyl	120		70 - 130			05/24/22 16:02	05/24/22 21:00	
Method: 300.0 - Anions, Ion Chro	omatography -	Soluble						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	143		4.98	mg/Kg			05/28/22 16:38	
lient Sample ID: PH01						Lab Sar	nple ID: 890-	2330-2
ate Collected: 05/23/22 09:50							Matri	x: Solic
ate Received: 05/23/22 13:32								
ample Depth: 1								
Method: 8021B - Volatile Organic	c Compounds (GC)						
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00199	U	0.00199	mg/Kg		05/24/22 14:35	05/25/22 13:14	
Toluene	<0.00199	U	0.00199	mg/Kg		05/24/22 14:35	05/25/22 13:14	
Ethylhonzono	<0.00100		0.00100	ma/Ka		05/24/22 14:25	05/25/22 13.11	

Ethylbenzene <0.00199 U 0.00199 mg/Kg 05/24/22 14:35 05/25/22 13:14 1 <0.00398 U 0.00398 mg/Kg 05/24/22 14:35 05/25/22 13:14 m-Xylene & p-Xylene 1 o-Xylene <0.00199 U 0.00199 05/24/22 14:35 05/25/22 13:14 mg/Kg 1 Xylenes, Total <0.00398 U 0.00398 mg/Kg 05/24/22 14:35 05/25/22 13:14 1 Surrogate %Recovery Qualifier Limits Prepared Dil Fac Analyzed 4-Bromofluorobenzene (Surr) 113 70 - 130 05/24/22 14:35 05/25/22 13:14 1

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Method: Total BTEX - Total BTEX Calculation

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

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

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

%Recovery

<0.00398

<49.9 U

98

Result Qualifier

Ū

Result Qualifier

Result Qualifier

<49.9 U

<49.9 U

Qualifier

Client Sample Results

Limits

70 - 130

RL

RL

49.9

RL

49.9

49.9

0.00398

Unit

Unit

Unit

mg/Kg

mg/Kg

mg/Kg

mg/Kg

Job ID: 890-2330-1 SDG: 03D2024014

Client Sample ID: PH01

Date Collected: 05/23/22 09:50 Date Received: 05/23/22 13:32

Sample Depth: 1

1,4-Difluorobenzene (Surr)

Gasoline Range Organics

Diesel Range Organics (Over

Surrogate

Analyte

Analyte

Analyte

(GRO)-C6-C10

Total TPH

Total BTEX

Client: Ensolum

ab	Sample	ID:	890-2330-2
			Matulas Oalid

Analyzed

05/25/22 13:14

Analyzed

05/25/22 09:40

Analyzed

05/25/22 09:17

Analyzed

05/24/22 22:03

05/24/22 22:03

L

Prepared

05/24/22 14:35

Prepared

Prepared

Prepared

05/24/22 16:02

05/24/22 16:02

D

D

D

Matrix: Solid

Dil Fac

Dil Fac

Dil Fac

Dil Fac

Matrix: Solid

5

Client Sample ID: PH01						Lab Sar	nple ID: 890-2	2330-3
Chloride	32.6		5.04	mg/Kg			05/28/22 16:46	1
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Method: 300.0 - Anions, Ion Chro	omatography -	Soluble						
o-Terphenyl	116		70 - 130			05/24/22 16:02	05/24/22 22:03	1
1-Chlorooctane	122		70 - 130			05/24/22 16:02	05/24/22 22:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		05/24/22 16:02	05/24/22 22:03	1
C10-C28)								

Client Sample ID: PH01

Date Collected: 05/23/22 09:55 Date Received: 05/23/22 13:32 Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC) Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac Benzene <0.00200 U 0.00200 mg/Kg 05/24/22 14:35 05/25/22 13:35 Toluene <0.00200 U 0.00200 mg/Kg 05/24/22 14:35 05/25/22 13:35 1 Ethylbenzene <0.00200 U 0.00200 05/24/22 14:35 05/25/22 13:35 mg/Kg 0.00399 05/25/22 13:35 m-Xylene & p-Xylene <0.00399 U 05/24/22 14:35 mg/Kg 1 o-Xylene <0.00200 U 0.00200 mg/Kg 05/24/22 14:35 05/25/22 13:35 Xylenes, Total <0.00399 U 0.00399 mg/Kg 05/24/22 14:35 05/25/22 13:35 1 %Recovery Qualifier Limits Dil Fac Surrogate Prepared Analvzed 70 - 130 4-Bromofluorobenzene (Surr) 111 05/24/22 14:35 05/25/22 13:35 1 1,4-Difluorobenzene (Surr) 97 70 - 130 05/24/22 14:35 05/25/22 13:35 1 Method: Total BTEX - Total BTEX Calculation Analvte RL D Dil Fac Result Qualifier Unit Prepared Analvzed Total BTEX <0.00399 Ū 0.00399 05/25/22 09:40 mg/Kg Method: 8015 NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac <49.9 U Total TPH 49.9 mg/Kg 05/25/22 09:17 1

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

Method: 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier

<49.9 U

<49.9 U

<49.9 U

121

115

38.1

Result Qualifier

Qualifier

%Recovery

RL

49.9

49.9

49.9

RL

4.99

Limits

70 - 130

70 - 130

Unit

mg/Kg

mg/Kg

mg/Kg

Unit

mg/Kg

D

D

Prepared

05/24/22 16:02

05/24/22 16:02

05/24/22 16:02

Prepared

05/24/22 16:02

05/24/22 16:02

Prepared

Job ID: 890-2330-1 SDG: 03D2024014

Client Sample ID: PH01

Client: Ensolum

Sample Depth: 2

(GRO)-C6-C10

Gasoline Range Organics

Diesel Range Organics (Over

Oll Range Organics (Over C28-C36)

Analyte

C10-C28)

Surrogate

o-Terphenyl

Analyte

Chloride

1-Chlorooctane

Date Collected: 05/23/22 09:55 Date Received: 05/23/22 13:32

Lab Sample ID: 890-2330-3

Analyzed

05/24/22 22:24

05/24/22 22:24

05/24/22 22:24

Analvzed

05/24/22 22:24

05/24/22 22:24

Analyzed

05/28/22 16:54

Matrix: Solid

Dil Fac

1

1

1

1

1

Dil Fac

Dil Fac

5

Client Sample ID: PH02 Date Collected: 05/23/22 10:05 Date Received: 05/23/22 13:32						Lab Sar	nple ID: 890- Matri	2330-4 x: Solid
Sample Depth: 1								
Method: 8021B - Volatile Organic Analyte		GC) Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/24/22 14:35	05/25/22 13:55	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/24/22 14:35	05/25/22 13:55	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/24/22 14:35	05/25/22 13:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		05/24/22 14:35	05/25/22 13:55	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/24/22 14:35	05/25/22 13:55	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		05/24/22 14:35	05/25/22 13:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130			05/24/22 14:35	05/25/22 13:55	1
1,4-Difluorobenzene (Surr)	98		70 - 130			05/24/22 14:35	05/25/22 13:55	1
– Method: Total BTEX - Total BTEX	(Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			05/25/22 09:40	1
- Method: 8015 NM - Diesel Range	Organics (DR	0) (GC)						
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			05/25/22 09:17	1
- Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)						
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/24/22 16:02	05/24/22 22:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		05/24/22 16:02	05/24/22 22:45	1
Oll Range Organics (Over C28-C36)	<50.0	U .	50.0	mg/Kg		05/24/22 16:02	05/24/22 22:45	1

Qualifier Dil Fac %Recovery Limits Prepared Analyzed Surrogate 05/24/22 16:02 70 - 130 05/24/22 22:45 1-Chlorooctane 119 1 113 70 - 130 05/24/22 16:02 05/24/22 22:45 o-Terphenyl 1

		Clien	t Sample Re	sults				
Client: Ensolum							Job ID: 890	-2330-1
Project/Site: Montera Federal 10M	И СТВ						SDG: 03D2	2024014
Client Sample ID: PH02						Lab Sar	nple ID: 890-	2330-4
Date Collected: 05/23/22 10:05						Eus our		x: Solic
Date Received: 05/23/22 13:32							Wath	x. 00m
Sample Depth: 1								
-								
Method: 300.0 - Anions, Ion Ch	romatography -	Soluble						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.7		4.98	mg/Kg			05/28/22 17:02	
Client Sample ID: PH02						Lab Sar	nple ID: 890-	2330-5
Date Collected: 05/23/22 10:10								x: Solic
Date Received: 05/23/22 13:32								
Sample Depth: 2								
_								
Method: 8021B - Volatile Organ					_			
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene Toluene	<0.00200 <0.00200		0.00200	mg/Kg		05/24/22 14:35	05/25/22 14:16	
			0.00200	mg/Kg		05/24/22 14:35	05/25/22 14:16	
Ethylbenzene	<0.00200 <0.00401		0.00200 0.00401	mg/Kg		05/24/22 14:35 05/24/22 14:35	05/25/22 14:16 05/25/22 14:16	
m-Xylene & p-Xylene	<0.00401		0.00200	mg/Kg		05/24/22 14:35	05/25/22 14:16	
o-Xylene Xylenes, Total	<0.00200		0.00200	mg/Kg		05/24/22 14:35	05/25/22 14:16	
Aylenes, Iotal	\0.00401	0	0.00401	mg/Kg		03/24/22 14.33	05/25/22 14.10	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)			70 - 130			05/24/22 14:35	05/25/22 14:16	
1,4-Difluorobenzene (Surr)	96		70 - 130			05/24/22 14:35	05/25/22 14:16	1
- Method: Total DTEX - Total DTE								
Method: Total BTEX - Total BTE Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401		0.00401	mg/Kg		Fiepaieu	05/25/22 09:40	
	\$0.00401	0	0.00401	ilig/itg			03/23/22 03.40	
Method: 8015 NM - Diesel Rang	ge Organics (DR	O) (GC)						
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			05/25/22 09:17	
_								
Method: 8015B NM - Diesel Rai			ы	11	<u> </u>	Dremered	Analyzad	
Analyte Gasoline Range Organics	Kesuit <49.9	Qualifier		Unit mg/Kg	D	Prepared 05/24/22 16:02	Analyzed 05/24/22 23:06	Dil Fac
(GRO)-C6-C10	~49.9	0	49.9	iiig/rtg		00124122 10.02	UJIZ4122 23.00	
Diesel Range Organics (Over	<49.9	U	49.9	mg/Kg		05/24/22 16:02	05/24/22 23:06	
C10-C28)								
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		05/24/22 16:02	05/24/22 23:06	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
1-Chlorooctane	<u></u>		70 - 130			05/24/22 16:02	05/24/22 23:06	
o-Terphenyl	114		70 - 130			05/24/22 16:02	05/24/22 23:06	
_								
Method: 300.0 - Anions, Ion Ch								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.8		5.00	mg/Kg			05/28/22 17:09	-

Method: 8021B - Volatile Organic Compounds (GC)

Result Qualifier

<0.00201 U

<0.00201 U

<0.00201 U

RL

0.00201

0.00201

0.00201

Job ID: 890-2330-1 SDG: 03D2024014

Client Sample ID: PH03

Date Collected: 05/23/22 10:20 Date Received: 05/23/22 13:32

Sample Depth: 1

Client: Ensolum

Analyte

Benzene

Toluene

Ethylbenzene

Lab Sample ID: 890-2330-6

Analyzed

05/25/22 14:36

05/25/22 14:36

05/25/22 14:36

Matrix: Solid

Dil Fac

1

1

1

5

05/04/00 14:05	14:35 05/25/22 14:30	5
05/24/22 14:35		,
05/24/22 14:35	14:35 05/25/22 14:30	6
05/24/22 14:35	14:35 05/25/22 14:30	6
Prepared	red Analyzed	Dil Fa
05/24/22 14:35	14:35 05/25/22 14:3	5
05/24/22 14:35	14:35 05/25/22 14:3	6
Prepared	ed Analyzed	Dil Fa
	05/25/22 09:4)
Prepared	ed Analyzed	Dil Fa
	05/25/22 09:1	,
Prepared	ed Analyzed	Dil Fa
05/24/22 16:02	16:02 05/24/22 23:2	7
05/24/22 16:02	16:02 05/24/22 23:2	,
05/24/22 16:02	16:02 05/24/22 23:2	7
Prepared	red Analyzed	Dil Fa
05/24/22 16:02	16:02 05/24/22 23:2	7
05/24/22 16:02	16:02 05/24/22 23:2	7
Prepared	ed Analyzed	Dil Fa
	05/28/22 17:33	3
Lab Sa	Sample ID: 89	0-2330-
	Ma	trix: Soli
	Pronar	

Unit

mg/Kg

mg/Kg

mg/Kg

D

Prepared

05/24/22 14:35

05/24/22 14:35

05/24/22 14:35

Method: 8021B - Volatile Orga	nic Compounds ((GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		05/24/22 14:35	05/25/22 14:57	1
Toluene	<0.00202	U	0.00202	mg/Kg		05/24/22 14:35	05/25/22 14:57	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		05/24/22 14:35	05/25/22 14:57	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		05/24/22 14:35	05/25/22 14:57	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		05/24/22 14:35	05/25/22 14:57	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		05/24/22 14:35	05/25/22 14:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130			05/24/22 14:35	05/25/22 14:57	1

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Client Sample Results

Limits

70 - 130

RL

RL

50.0

RL

50.0

0.00403

Unit

Unit

Unit

mg/Kg

mg/Kg

mg/Kg

Job ID: 890-2330-1 SDG: 03D2024014

Client Sample ID: PH03

Method: Total BTEX - Total BTEX Calculation

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

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

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

%Recovery Qualifier

Result Qualifier

Result Qualifier

Result Qualifier

<50.0 U

<50.0 U

95

<0.00403 U

Project/Site: Montera Federal 10M CTB

Date Collected: 05/23/22 10:25 Date Received: 05/23/22 13:32

Sample Depth: 2

1,4-Difluorobenzene (Surr)

Gasoline Range Organics

Surrogate

Analyte

Analyte

Analyte

Total TPH

Total BTEX

Client: Ensolum

Analyzed

05/25/22 14:57

Analyzed

05/25/22 09:40

Analyzed

05/25/22 09:17

Analyzed

05/24/22 23:48

Prepared

05/24/22 14:35

Prepared

Prepared

Prepared

05/24/22 16:02

D

D

D

Matrix: Solid

Dil Fac

Dil Fac

Dil Fac

Dil Fac

1

1

Matrix: Solid

Client Sample ID: SS05						Lab Sar	nple ID: 890-	2330-8
Chloride	36.8		4.99	mg/Kg	_		05/28/22 17:41	1
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Method: 300.0 - Anions, Ion Chro	omatography -	Soluble						
o-Terphenyl	112		70 - 130			05/24/22 16:02	05/24/22 23:48	1
1-Chlorooctane	118		70 - 130			05/24/22 16:02	05/24/22 23:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/24/22 16:02	05/24/22 23:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		05/24/22 16:02	05/24/22 23:48	1
(GRO)-C6-C10								

Client Sample ID: SS05

Date Collected: 05/23/22 10:30 Date Received: 05/23/22 13:32 Sample Depth: 0.5

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	< 0.00199	U	0.00199	mg/Kg		05/24/22 14:35	05/25/22 15:18	1
Toluene	<0.00199	U	0.00199	mg/Kg		05/24/22 14:35	05/25/22 15:18	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		05/24/22 14:35	05/25/22 15:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		05/24/22 14:35	05/25/22 15:18	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		05/24/22 14:35	05/25/22 15:18	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		05/24/22 14:35	05/25/22 15:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130			05/24/22 14:35	05/25/22 15:18	1
1,4-Difluorobenzene (Surr)	94		70 - 130			05/24/22 14:35	05/25/22 15:18	1
- Method: Total BTEX - Total B1	FEX Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			05/25/22 09:40	1
- Method: 8015 NM - Diesel Rar	nge Organics (DR	0) (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

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Job ID: 890-2330-1 SDG: 03D2024014

Lab Sample ID: 890-2330-8

05/28/22 18:05

Client Sample ID: SS05

Date Collected: 05/23/22 10:30 Date Received: 05/23/22 13:32

Sample Depth: 0.5

Client: Ensolum

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/24/22 16:02	05/25/22 00:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		05/24/22 16:02	05/25/22 00:08	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/24/22 16:02	05/25/22 00:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane			70 - 130			05/24/22 16:02	05/25/22 00:08	1
o-Terphenyl	111		70 - 130			05/24/22 16:02	05/25/22 00:08	1
Method: 300.0 - Anions, Ion Chro	matography -	Soluble						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

5.04

mg/Kg

31.9

Client Sample ID: SS06

Date Collected: 05/23/22 10:35

Date Received: 05/23/22 13:32

Sample Depth: 0.5

Chloride

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	< 0.00199	U	0.00199	mg/Kg		05/24/22 14:35	05/25/22 19:25	1
Toluene	<0.00199	U	0.00199	mg/Kg		05/24/22 14:35	05/25/22 19:25	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		05/24/22 14:35	05/25/22 19:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		05/24/22 14:35	05/25/22 19:25	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		05/24/22 14:35	05/25/22 19:25	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		05/24/22 14:35	05/25/22 19:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130			05/24/22 14:35	05/25/22 19:25	1
1,4-Difluorobenzene (Surr)	95		70 - 130			05/24/22 14:35	05/25/22 19:25	1
Method: Total BTEX - Total BTEX	(Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			05/25/22 09:40	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			05/25/22 09:17	1
Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/24/22 16:02	05/25/22 00:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		05/24/22 16:02	05/25/22 00:29	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/24/22 16:02	05/25/22 00:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130			05/24/22 16:02	05/25/22 00:29	1
T-Chiorooclarie	120		70 - 750			00/24/22 10.02	03/23/22 00.23	'

		Clien	t Sample Re	sults				
Client: Ensolum							Job ID: 890	
Project/Site: Montera Federal 10N	И СТВ						SDG: 03D2	2024014
Client Sample ID: SS06						Lab Sar	nple ID: 890-	2330-9
Date Collected: 05/23/22 10:35								x: Solid
Date Received: 05/23/22 13:32								
Sample Depth: 0.5								
_								
Method: 300.0 - Anions, Ion Ch								
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.6		4.98	mg/Kg			05/28/22 18:13	1
Client Sample ID: SS07						Lab Sam	ple ID: 890-2	330-10
Date Collected: 05/23/22 10:40							•	x: Solid
Date Received: 05/23/22 13:32								
Sample Depth: 0.5								
Method: 8021B - Volatile Orgar								
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		05/24/22 14:35	05/25/22 19:45	1
Toluene	<0.00201	U	0.00201	mg/Kg		05/24/22 14:35	05/25/22 19:45	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		05/24/22 14:35	05/25/22 19:45	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		05/24/22 14:35	05/25/22 19:45	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		05/24/22 14:35	05/25/22 19:45	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		05/24/22 14:35	05/25/22 19:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130			05/24/22 14:35	05/25/22 19:45	1
1,4-Difluorobenzene (Surr)	96		70 - 130			05/24/22 14:35	05/25/22 19:45	1
- Mathadi Tatal DTEV - Tatal DT								
Method: Total BTEX - Total BTI Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402		0.00402	mg/Kg		Fiepaleu	05/25/22 09:40	1
	\0.00402	0	0.00402	ilig/itg			03/23/22 09.40	'
Method: 8015 NM - Diesel Rang	ge Organics (DR	0) (GC)						
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg		·	05/25/22 09:17	1
_								
Method: 8015B NM - Diesel Ra								
Analyte		Qualifier	RL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		05/24/22 16:02	05/25/22 00:50	1
(GRO)-06-010 Diesel Range Organics (Over	<49.9	U	49.9	mg/Kg		05/24/22 16:02	05/25/22 00:50	1
C10-C28)	10.0	-	10.0			- <u>5, 2</u> <u>2</u> 10.02		
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		05/24/22 16:02	05/25/22 00:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane			70 - 130			05/24/22 16:02	05/25/22 00:50	1
o-Terphenyl	107		70 - 130			05/24/22 16:02	05/25/22 00:50	1
_								
Method: 300.0 - Anions, Ion Ch					_	_		
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80.4		4.95	mg/Kg			05/28/22 18:21	1

Method: 8021B - Volatile Organic Compounds (GC)

Method: Total BTEX - Total BTEX Calculation

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

Result Qualifier

Qualifier

<0.00200 U

<0.00200 U

<0.00200 U

<0.00401 U

<0.00200 U

<0.00401 U

117

88

Result Qualifier

U

Result Qualifier

%Recovery

< 0.00401

RL

0.00200

0.00200

0.00200

0.00401

0.00200

0.00401

Limits

70 ₋ 130 70 ₋ 130

RL

RL

0.00401

Unit

mg/Kg

mg/Kg

mg/Kg

mg/Kg

mg/Kg

mg/Kg

Unit

Unit

mg/Kg

D

D

D

Prepared

05/24/22 14:26

05/24/22 14:26

05/24/22 14:26

05/24/22 14:26

05/24/22 14:26

05/24/22 14:26

Prepared

05/24/22 14:26

05/24/22 14:26

Prepared

Prepared

Job ID: 890-2330-1 SDG: 03D2024014

Client Sample ID: SS08

Date Collected: 05/23/22 10:45 Date Received: 05/23/22 13:32

Sample Depth: 0.5

Client: Ensolum

Analyte

Benzene

Toluene

o-Xylene

Surrogate

Analyte

Analyte

Total BTEX

Ethylbenzene

Xylenes, Total

m-Xylene & p-Xylene

4-Bromofluorobenzene (Surr)

1,4-Difluorobenzene (Surr)

SDG: 03D20240

Lab Sample ID: 890-2330-11

Analyzed

05/25/22 01:42

05/25/22 01:42

05/25/22 01:42

05/25/22 01:42

05/25/22 01:42

05/25/22 01:42

Analyzed

05/25/22 01:42

05/25/22 01:42

Analyzed

05/25/22 09:40

Analyzed

Matrix: Solid

Dil Fac

1

1

1

1

1

1

Dil Fac

Dil Fac

Dil Fac

Total TPH	<49.9	U	49.9	mg/Kg			05/25/22 09:17	1
Method: 8015B NM - Diesel Rang	e Organics (D	RO) (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		05/24/22 16:02	05/25/22 01:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		05/24/22 16:02	05/25/22 01:32	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		05/24/22 16:02	05/25/22 01:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130			05/24/22 16:02	05/25/22 01:32	1
o-Terphenyl	110		70 - 130			05/24/22 16:02	05/25/22 01:32	1
Method: 300.0 - Anions, Ion Chro	matography -	Soluble						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.2		4.95	mg/Kg			05/28/22 18:28	1

Job ID: 890-2330-1 SDG: 03D2024014

Prep Type: Total/NA

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Client: Ensolum

5
6
8
U
0
3
13

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-2330-1	FS01	126	120	
890-2330-1 MS	FS01	119	102	
890-2330-1 MSD	FS01	119	102	
890-2330-2	PH01	122	116	
890-2330-3	PH01	121	115	
890-2330-4	PH02	119	113	
890-2330-5	PH02	120	114	
890-2330-6	PH03	120	114	
890-2330-7	PH03	118	112	
890-2330-8	SS05	118	111	
890-2330-9	SS06	120	114	
890-2330-10	SS07	115	107	
890-2330-11	SS08	116	110	
LCS 880-26197/2-A	Lab Control Sample	117	106	
LCSD 880-26197/3-A	Lab Control Sample Dup	122	110	
MB 880-26197/1-A	Method Blank	126	124	

1CO = 1-Chlorooctane

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Prep Type: Total/NA

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Surrogate Summary

Client: Ensolum Project/Site: Montera Federal 10M CTB OTPH = o-Terphenyl Job ID: 890-2330-1 SDG: 03D2024014

5
6
8
9
13
Lab Sample ID: MB 880-26189/5-A

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Analysis Batch: 26191							Prep Type: 1 Prep Batch	
	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/24/22 14:26	05/24/22 17:46	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/24/22 14:26	05/24/22 17:46	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/24/22 14:26	05/24/22 17:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		05/24/22 14:26	05/24/22 17:46	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/24/22 14:26	05/24/22 17:46	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		05/24/22 14:26	05/24/22 17:46	1
	MB	МВ						
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130			05/24/22 14:26	05/24/22 17:46	1
1,4-Difluorobenzene (Surr)	103		70 - 130			05/24/22 14:26	05/24/22 17:46	1

Lab Sample ID: LCS 880-26189/1-A Matrix: Solid

Analysis Batch: 26191

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.09248		mg/Kg		92	70 - 130	
Toluene	0.100	0.09550		mg/Kg		96	70 - 130	
Ethylbenzene	0.100	0.08540		mg/Kg		85	70 - 130	
m-Xylene & p-Xylene	0.200	0.1780		mg/Kg		89	70 - 130	
o-Xylene	0.100	0.09043		mg/Kg		90	70 - 130	

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-26189/2-A

Matrix: Solid

Analysis Batch: 26191							Prep	Batch:	26189
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.08799		mg/Kg		88	70 - 130	5	35
Toluene	0.100	0.08955		mg/Kg		90	70 - 130	6	35
Ethylbenzene	0.100	0.08059		mg/Kg		81	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.1648		mg/Kg		82	70 - 130	8	35
o-Xylene	0.100	0.08433		mg/Kg		84	70 - 130	7	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-15112-A-1-A MS

Matrix: Solid Analysis Retaby 26404

Analysis Batch: 26191									Prep	Batch: 26189
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00199	U F1	0.0996	0.06244	F1	mg/Kg		63	70 - 130	
Toluene	<0.00199	U	0.0996	0.07721		mg/Kg		78	70 - 130	

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Prep Type: Total/NA

Client Sample ID: Matrix Spike

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Type: Total/NA

Prep Batch: 26189

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5/31/2022

MS MS

0.06921 F1

0.1382 F1

0.07044

Result Qualifier

Unit

mg/Kg

mg/Kg

mg/Kg

Spike

Added

0.0996

0.199

0.0996

Limits

70 - 130

70 - 130

Client: Ensolum Project/Site: Montera Federal 10M CTB

Lab Sample ID: 880-15112-A-1-A MS

Matrix: Solid

Analyte

o-Xylene

Surrogate

Ethylbenzene

m-Xylene & p-Xylene

Analysis Batch: 26191

4-Bromofluorobenzene (Surr)

1,4-Difluorobenzene (Surr)

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Sample Sample

MS MS

96

87

<0.00199

<0.00398 UF1

<0.00199 U

%Recovery

Result Qualifier

UF1

Qualifier

Prep Type: Total/NA

Prep Batch: 26189

Client Sample ID: Matrix Spike

%Rec

Limits

70 - 130

70 - 130

70 - 130

%Rec

69

69

71

D

7

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

Client Sample ID: Method Blank

05/25/22 12:32

Client Sample ID: Lab Control Sample

05/24/22 14:35

Prep Type: Total/NA

Prep Batch: 26190

Matrix: Solid Analysis Batch: 26191

Lab Sample ID: 880-15112-A-1-B MSD

Analysis Batch: 26191									Prep	Batch:	26189	
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	< 0.00199	U F1	0.101	0.06829	F1	mg/Kg		68	70 - 130	9	35	
Toluene	<0.00199	U	0.101	0.07764		mg/Kg		77	70 - 130	1	35	ī
Ethylbenzene	<0.00199	U F1	0.101	0.07055		mg/Kg		70	70 - 130	2	35	
m-Xylene & p-Xylene	<0.00398	U F1	0.201	0.1425		mg/Kg		71	70 - 130	3	35	ŝ
o-Xylene	<0.00199	U	0.101	0.07277		mg/Kg		72	70 - 130	3	35	
	MED	MED										

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: MB 880-26190/5-A Matrix: Solid Analysis Batch: 26211

	IVID	IVID						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	< 0.00200	U	0.00200	mg/Kg		05/24/22 14:35	05/25/22 12:32	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/24/22 14:35	05/25/22 12:32	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/24/22 14:35	05/25/22 12:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		05/24/22 14:35	05/25/22 12:32	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/24/22 14:35	05/25/22 12:32	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		05/24/22 14:35	05/25/22 12:32	1
	МВ	МВ						
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130			05/24/22 14:35	05/25/22 12:32	1

70 - 130

4-Bromotiuoropenzene (Surr)	109	
1,4-Difluorobenzene (Surr)	88	
_		

Lab Sample ID: LCS 880-26190/1-A Matrix: Solid Analysis Batch: 26211

Spike	LCS	LCS				%Rec
Analyte Added	Result	Qualifier U	Jnit	D	%Rec	Limits
Benzene 0.100	0.08604	n	ng/Kg		86	70 - 130
Toluene 0.100	0.1005	n	ng/Kg		101	70 - 130
Ethylbenzene 0.100	0.1073	n	ng/Kg		107	70 - 130
m-Xylene & p-Xylene 0.200	0.2224	n	ng/Kg		111	70 - 130

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Prep Type: Total/NA

Prep Batch: 26190

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Client: Ensolum Project/Site: Montera Federal 10M CTB

Lab Sample ID: LCS 880-26190/1-A

Matrix: Solid

Job ID: 890-2330-1 SDG: 03D2024014

Prep Type: Total/NA

Client Sample ID: Lab Control Sample

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Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Analysis Batch: 26211									Prep	Batch:	26190
			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
o-Xylene			0.100	0.1269		mg/Kg		127	70 - 130		
	LCS	LCS									
Surrogate			Limits								
4-Bromofluorobenzene (Surr)	116		70 - 130								
1,4-Difluorobenzene (Surr)	94		70 - 130								
-											
Lab Sample ID: LCSD 880-2619	0/2-A					Clie	nt Sam	ple ID:	Lab Contro		-
Matrix: Solid										Type: Tot	
Analysis Batch: 26211										Batch:	
			Spike		LCSD				%Rec		RPD
Analyte			Added		Qualifier	Unit	D	%Rec	Limits	RPD	Limi
Benzene			0.100	0.08871		mg/Kg		89	70 - 130	3	35
Toluene			0.100	0.1070		mg/Kg		107	70 - 130	6	35
Ethylbenzene			0.100	0.1163		mg/Kg		116	70 - 130	8	35
m-Xylene & p-Xylene			0.200	0.2420		mg/Kg		121	70 - 130	8	35
o-Xylene			0.100	0.1239		mg/Kg		124	70 - 130	2	35
	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	120		70 - 130								
1,4-Difluorobenzene (Surr)	95		70 - 130								
			10-100								
									Client Sa	mple ID:	FS01
Lab Sample ID: 890-2330-1 MS										mple ID: Type: Tot	
Lab Sample ID: 890-2330-1 MS Matrix: Solid									Prep 1		tal/NA
Lab Sample ID: 890-2330-1 MS Matrix: Solid	Sample	Sample	Spike	MS	MS				Prep 1	ype: Tot	tal/NA
Lab Sample ID: 890-2330-1 MS Matrix: Solid Analysis Batch: 26211 Analyte	Sample Result	Qualifier			MS Qualifier	Unit	D	%Rec	Prep 1 Prep	ype: Tot	tal/NA
Lab Sample ID: 890-2330-1 MS Matrix: Solid Analysis Batch: 26211	Sample	Qualifier	Spike			- <mark>Unit</mark> mg/Kg	<u>D</u>	%Rec	Prep 1 Prep %Rec	ype: Tot	tal/NA
Lab Sample ID: 890-2330-1 MS Matrix: Solid Analysis Batch: 26211 Analyte	Sample Result	Qualifier U	Spike Added	Result			<u>D</u>		Prep 1 Prep %Rec Limits	ype: Tot	tal/NA
Lab Sample ID: 890-2330-1 MS Matrix: Solid Analysis Batch: 26211 Analyte Benzene	Sample Result <0.00200	Qualifier U U	Spike Added 0.0996	Result 0.07813		mg/Kg	D	78	Prep 1 Prep %Rec Limits 70 - 130	ype: Tot	tal/NA
Lab Sample ID: 890-2330-1 MS Matrix: Solid Analysis Batch: 26211 Analyte Benzene Toluene	Sample Result <0.00200 <0.00200	Qualifier U U U	Spike Added 0.0996 0.0996	Result 0.07813 0.09370		mg/Kg mg/Kg	<u>D</u>	78 94	Prep 1 Prep %Rec Limits 70 - 130 70 - 130	ype: Tot	tal/NA
Lab Sample ID: 890-2330-1 MS Matrix: Solid Analysis Batch: 26211 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene	Sample Result <0.00200 <0.00200 <0.00200	Qualifier U U U	Spike Added 0.0996 0.0996 0.0996	Result 0.07813 0.09370 0.09710		mg/Kg mg/Kg mg/Kg	<u> </u>	78 94 97	Prep 1 Prep %Rec Limits 70 - 130 70 - 130 70 - 130	ype: Tot	tal/NA
Lab Sample ID: 890-2330-1 MS Matrix: Solid Analysis Batch: 26211 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene	Sample Result <0.00200 <0.00200 <0.00200 <0.00399 0.00237	Qualifier U U U U	Spike Added 0.0996 0.0996 0.0996 0.199	Result 0.07813 0.09370 0.09710 0.2031		mg/Kg mg/Kg mg/Kg mg/Kg	<u>D</u>	78 94 97 101	Prep 1 Prep %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130	ype: Tot	tal/NA
Lab Sample ID: 890-2330-1 MS Matrix: Solid Analysis Batch: 26211 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene	Sample Result <0.00200 <0.00200 <0.00200 <0.00399 0.00237 MS	Qualifier U U U U U MS	Spike Added 0.0996 0.0996 0.0996 0.199 0.0996	Result 0.07813 0.09370 0.09710 0.2031		mg/Kg mg/Kg mg/Kg mg/Kg	D	78 94 97 101	Prep 1 Prep %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130	ype: Tot	tal/NA
Lab Sample ID: 890-2330-1 MS Matrix: Solid Analysis Batch: 26211 Analyte Benzene Toluene Ethylbenzene	Sample Result <0.00200 <0.00200 <0.00200 <0.00399 0.00237	Qualifier U U U U	Spike Added 0.0996 0.0996 0.0996 0.199	Result 0.07813 0.09370 0.09710 0.2031		mg/Kg mg/Kg mg/Kg mg/Kg	<u>D</u>	78 94 97 101	Prep 1 Prep %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130	ype: Tot	tal/NA
Lab Sample ID: 890-2330-1 MS Matrix: Solid Analysis Batch: 26211 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Surrogate 4-Bromofluorobenzene (Surr)	Sample Result <0.00200 <0.00200 <0.00200 <0.00399 0.00237 MS %Recovery	Qualifier U U U U U MS	Spike Added 0.0996 0.0996 0.0996 0.199 0.0996 Limits 70 - 130	Result 0.07813 0.09370 0.09710 0.2031		mg/Kg mg/Kg mg/Kg mg/Kg	<u>D</u>	78 94 97 101	Prep 1 Prep %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130	ype: Tot	tal/NA
Lab Sample ID: 890-2330-1 MS Matrix: Solid Analysis Batch: 26211 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Surrogate	Sample Result <0.00200 <0.00200 <0.00200 <0.00399 0.00237 MS %Recovery 116	Qualifier U U U U U MS	Spike Added 0.0996 0.0996 0.199 0.0996 Limits	Result 0.07813 0.09370 0.09710 0.2031		mg/Kg mg/Kg mg/Kg mg/Kg	<u>D</u>	78 94 97 101	Prep 1 Prep %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130	ype: Tot	tal/NA
Lab Sample ID: 890-2330-1 MS Matrix: Solid Analysis Batch: 26211 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Surrogate 4-Bromofluorobenzene (Surr)	Sample Result <0.00200 <0.00200 <0.00200 <0.00399 0.00237 MS %Recovery 116 94	Qualifier U U U U U MS	Spike Added 0.0996 0.0996 0.0996 0.199 0.0996 Limits 70 - 130	Result 0.07813 0.09370 0.09710 0.2031		mg/Kg mg/Kg mg/Kg mg/Kg	<u>D</u>	78 94 97 101	Prep 1 Prep %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130	Type: Tot Batch: :	tal/NA 26190
Lab Sample ID: 890-2330-1 MS Matrix: Solid Analysis Batch: 26211 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: 890-2330-1 MSE	Sample Result <0.00200 <0.00200 <0.00200 <0.00399 0.00237 MS %Recovery 116 94	Qualifier U U U U U MS	Spike Added 0.0996 0.0996 0.0996 0.199 0.0996 Limits 70 - 130	Result 0.07813 0.09370 0.09710 0.2031		mg/Kg mg/Kg mg/Kg mg/Kg	D	78 94 97 101	Prep 1 Prep %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130	Type: Tot Batch: :	tal/NA 26190
Lab Sample ID: 890-2330-1 MS Matrix: Solid Analysis Batch: 26211 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: 890-2330-1 MSE Matrix: Solid	Sample Result <0.00200 <0.00200 <0.00200 <0.00399 0.00237 MS %Recovery 116 94	Qualifier U U U U U MS	Spike Added 0.0996 0.0996 0.0996 0.199 0.0996 Limits 70 - 130	Result 0.07813 0.09370 0.09710 0.2031		mg/Kg mg/Kg mg/Kg mg/Kg	<u> </u>	78 94 97 101	Prep 1 Prep %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130	Type: Tot Batch: :	FS01 tal/NA
Lab Sample ID: 890-2330-1 MS Matrix: Solid Analysis Batch: 26211 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: 890-2330-1 MSE Matrix: Solid	Sample Result <0.00200 <0.00200 <0.00237 MS %Recovery 116 94	Qualifier U U U U U MS	Spike Added 0.0996 0.0996 0.0996 0.199 0.0996 Limits 70 - 130	Result 0.07813 0.09370 0.09710 0.2031 0.1043		mg/Kg mg/Kg mg/Kg mg/Kg	<u> </u>	78 94 97 101	Prep 1 Prep %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130	mple ID: Type: Tot	FS01 tal/NA 26190
Lab Sample ID: 890-2330-1 MS Matrix: Solid Analysis Batch: 26211 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: 890-2330-1 MSE Matrix: Solid Analysis Batch: 26211	Sample Result <0.00200 <0.00200 <0.00237 MS %Recovery 116 94 Sample	Qualifier U U U U MS Qualifier	Spike Added 0.0996 0.0996 0.0996 0.199 0.0996 Limits 70 - 130 70 - 130	Result 0.07813 0.09370 0.2031 0.1043 MSD	Qualifier	mg/Kg mg/Kg mg/Kg mg/Kg	D	78 94 97 101	Prep 1 Prep %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 Prep 1 Prep 1 Prep 1	mple ID: Type: Tot	FS01 tal/NA 26190 FS01 tal/NA 26190 RPD
Lab Sample ID: 890-2330-1 MS Matrix: Solid Analysis Batch: 26211 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: 890-2330-1 MSE Matrix: Solid Analysis Batch: 26211	Sample Result <0.00200 <0.00200 <0.00237 MS %Recovery 116 94 Sample	Qualifier U U U MS Qualifier Sample Qualifier	Spike Added 0.0996 0.0996 0.199 0.0996 0.199 0.0996 D.199 0.0996 D.199 0.0996 Limits 70 - 130 70 - 130 Spike	Result 0.07813 0.09370 0.2031 0.1043 MSD	Qualifier	mg/Kg mg/Kg mg/Kg mg/Kg		78 94 97 101 102	Prep 1 Prep %Rec Limits 70 - 130 70 - 190 70 - 190 70 - 190 70 - 190 70 - 190	mple ID: Fype: Tot Batch: :	FS01 tal/NA 26190 RPD Limit
Lab Sample ID: 890-2330-1 MS Matrix: Solid Analysis Batch: 26211 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: 890-2330-1 MSE Matrix: Solid Analysis Batch: 26211 Analyte	Sample Result <0.00200 <0.00200 <0.00399 0.00237 MS %Recovery 116 94 Sample Result	Qualifier U U U U MS Qualifier U	Spike Added 0.0996 0.0996 0.199 0.0996 0.199 0.0996 Limits 70 - 130 70 - 130 70 - 130 Spike Added	Result 0.07813 0.09370 0.09710 0.2031 0.1043	Qualifier	mg/Kg mg/Kg mg/Kg mg/Kg		78 94 97 101 102	Prep 1 Prep %Rec Limits 70 - 130 70 - 190 %Rec Limits	mple ID: Fype: Tot Batch: 2 Sype: Tot Batch: 2 RPD	FS01 tal/NA 26190 FS01 tal/NA 26190 RPD Limit
Lab Sample ID: 890-2330-1 MS Matrix: Solid Analysis Batch: 26211 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: 890-2330-1 MSE Matrix: Solid Analysis Batch: 26211 Analyte Benzene	Sample Result <0.00200 <0.00200 <0.00399 0.00237 MS %Recovery 116 94 Sample Result <0.00200	Qualifier U U U U U MS Qualifier U U U	Spike Added 0.0996 0.0996 0.199 0.0996 Limits 70 - 130 70 - 130 70 - 130 Spike Added 0.100	Result 0.07813 0.09370 0.09710 0.2031 0.1043	Qualifier	mg/Kg mg/Kg mg/Kg mg/Kg Unit mg/Kg		78 94 97 101 102 %Rec 83	Prep 1 Prep %Rec Limits 70 - 130 70 - 130 Prep 1 Prep %Rec Limits 70 - 130	mple ID: Fype: Tot Batch: 2 Sype: Tot Batch: 2 RPD 7	FS01 tal/NA 26190 FS01 tal/NA 26190 RPD Limit 35 35
Lab Sample ID: 890-2330-1 MS Matrix: Solid Analysis Batch: 26211 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: 890-2330-1 MSE Matrix: Solid Analysis Batch: 26211 Analyte Benzene Toluene	Sample Result <0.00200 <0.00200 <0.00399 0.00237 <i>MS</i> %Recovery 11f6 94 94 Sample Result <0.00200 <0.00200	Qualifier U U U U U MS Qualifier U U U U	Spike Added 0.0996 0.0996 0.199 0.0996 Limits 70 - 130 70 - 130 70 - 130 0.0100	Result 0.07813 0.09370 0.09710 0.2031 0.1043	Qualifier	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg		78 94 97 101 102 %Rec 83 98	Prep 1 %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130	mple ID: Type: Tot Batch: 2 Type: Tot Batch: 2 RPD 7 5	FS01 tal/NA

Client: Ensolum Project/Site: Montera Federal 10M CTB

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-2330-1 M Matrix: Solid Analysis Batch: 26211	SD										Client Sam Prep Ty Prep I	vpe: To	tal/NA
	MSD	Mer	`										
Surrogate		Qua		Limits									
4-Bromofluorobenzene (Surr)	118	Qua		70 - 130									
1,4-Difluorobenzene (Surr)	95			70 - 130									
Method: 8015B NM - Diese		aar	nics (DR										
Lab Sample ID: MB 880-26197		<u>g</u>								liont Sa	ample ID: N	lothod	Blank
Matrix: Solid											Prep Ty		
Analysis Batch: 26134													26197
Analysis Batch. 20134		мв	МВ								Fiehi	Saturi.	2019/
Analyta	Ba		Qualifier	ы			nit	D	Dro	nored	Analuza	ч	
Analyte		50.0						<u>D</u>		pared	Analyze		Dil Fac
Gasoline Range Organics (GRO)-C6-C10		50.0	0	50.0		m	g/Kg	0	15/24/	22 16:02	05/24/22 19	9.57	1
Diesel Range Organics (Over C10-C28)	<	50.0	U	50.0		m	g/Kg	0)5/24/	22 16:02	05/24/22 19	9:57	1
Oll Range Organics (Over C28-C36)	<	50.0	U	50.0		m	g/Kg	0)5/24/	22 16:02	05/24/22 19	9:57	1
		ΜВ	МВ										
Surrogate	%Reco		Qualifier	Limits					Pro	pared	Analyze	d	Dil Fac
1-Chlorooctane	//////	126	Quanner							22 16:02	05/24/22 1		1
o-Terphenyl		124		70 - 130						/22 16:02	05/24/22 1		1
		124		70 - 700				Ŭ	0,24,	22 10.02	00/24/22 1	5.07	,
Lab Sample ID: LCS 880-2619 Matrix: Solid	07/2-A							Clie	ent S	Sample	ID: Lab Co Prep Ty		
Analysis Batch: 26134												Batch:	
				Spike	LCS	LCS					• %Rec		
Analyte				Added	Result	Qualifie	er Unit		D	%Rec	Limits		
Gasoline Range Organics				1000	875.1		mg/Kg			88	70 - 130		
(GRO)-C6-C10							0 0						
Diesel Range Organics (Over				1000	814.5		mg/Kg			81	70 - 130		
C10-C28)													
	LCS	105											
Surrogate		Qua		Limits									
1-Chlorooctane	117	Qua		70 - 130									
	106			70 - 130 70 - 130									
o-Terphenyl 	700			70 - 130									
Lab Sample ID: LCSD 880-261	197/3-4						Cli	ant S	amn		ab Control	Samn	
Matrix: Solid							011		amp		Prep Ty		
Analysis Batch: 26134												Batch:	
Analysis Datch. 20134				Spike		LCSD					%Rec	Saten.	RPD
Analyte				Added		Qualifie	er Unit		D	%Rec	Limits	RPD	Limit
Gasoline Range Organics				1000	965.6		mg/Kg			97	70 - 130	10	20
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28)				1000	910.2		mg/Kg			91	70 - 130	11	20
010-020/			_										
	LCSD												
Surrogate	%Recovery	Qua	Intier	Limits									
1-Chlorooctane	122			70 - 130									

Job ID: 890-2330-1

SDG: 03D2024014

110

o-Terphenyl

70 - 130

MS MS

MSD MSD

Result Qualifier

1124

1178

Result Qualifier

Unit

mg/Kg

mg/Kg

Unit

D

%Rec

110

116

Spike

Added

1000

1000

Limits

70 - 130

70 - 130

Spike

Added

Client: Ensolum Project/Site: Montera Federal 10M CTB

Lab Sample ID: 890-2330-1 MS

Lab Sample ID: 890-2330-1 MSD

Analysis Batch: 26134

Gasoline Range Organics

Diesel Range Organics (Over

Analysis Batch: 26134

Gasoline Range Organics (GRO)-C6-C10

Diesel Range Organics (Over

Matrix: Solid

(GRO)-C6-C10

C10-C28)

Surrogate

o-Terphenyl

Analyte

C10-C28)

Surrogate 1-Chlorooctane

o-Terphenyl

1-Chlorooctane

Matrix: Solid

Analyte

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

Sample Sample

<50.0 U

<50.0 U

119

102

MS MS %Recovery Qualifier

Sample Sample

<50.0 U

<50.0 U

119

102

MSD MSD %Recovery Qualifier

Result Qualifier

Result Qualifier

Job ID: 890-2330-1 SDG: 03D2024014

Client Sample ID: FS01

Prep Type: Total/NA

Prep Batch: 26197

5
7
8
9

		Client Sa	nple ID:	FS01					
		Prep T	ype: To	tal/NA					
		Prep Batch: 26197							
		%Rec		RPD					
D	%Rec	Limits	RPD	Limit					
	113	70 - 130	3	20					

%Rec

Limits

70 - 130

70 - 130

999	1158	mg/Kg	113	70 - 130	3	20
999	1188	mg/Kg	117	70 - 130	1	20
Lingita						
Limits	-					
70 - 130						
70 - 130						

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-26272/1-A Matrix: Solid Analysis Batch: 26378									Client S	Sample ID: N Prep 1	lethod ⁻ ype: S	
	МВ	мв										
Analyte	Result	Qualifier		RL		Unit		DI	Prepared	Analyze	d	Dil Fac
Chloride	<5.00	U		5.00		mg/K	g			05/28/22 1	4:55	1
Lab Sample ID: LCS 880-26272/2-A								Clien	t Sample	e ID: Lab Co	ntrol S	ample
Matrix: Solid										Prep 1	ype: S	oluble
Analysis Batch: 26378												
			Spike		LCS	LCS				%Rec		
Analyte			Added		Result	Qualifier	Unit	D	%Rec	Limits		
Chloride			250		266.5		mg/Kg		107	90 - 110		
Lab Sample ID: LCSD 880-26272/3-A							CI	ient Sar	nple ID:	Lab Control	Sampl	le Dup
Matrix: Solid										Prep 1	ype: S	oluble
Analysis Batch: 26378												
			Spike		LCSD	LCSD				%Rec		RPD
Analyte			Added		Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride			250		266.5		mg/Kg		107	90 - 110	0	20

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90-2330-1 D2024014

QC Sample Results

Client: Ensolum Project/Site: Montera Federal 10M CTB Job ID: 890-2330-1 SDG: 03D2024014

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-2330-5 MS Matrix: Solid									Client Sar Prep	nple ID: Type: S	
Analysis Batch: 26378											
	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	23.8		250	294.5		mg/Kg		108	90 - 110		
Lab Sample ID: 890-2330-5 MSD									Client Sar	nple ID:	PH02
Matrix: Solid									Prep	Type: S	oluble
Analysis Batch: 26378											
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	23.8		250	294.0		mg/Kg		108	90 - 110	0	20

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Client: Ensolum Project/Site: Montera Federal 10M CTB

Matrix Spike Duplicate

GC VOA

Prep B

Prep Batch: 26189					
Lab Sample ID 890-2330-11	Client Sample ID	Prep Type Total/NA	Matrix	Method	Prep Batch
MB 880-26189/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-26189/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-26189/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-15112-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	

Total/NA

Solid

5035

880-15112-A-1-B MSD Prep Batch: 26190

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch	
890-2330-1	FS01	Total/NA	Solid	5035		g
890-2330-2	PH01	Total/NA	Solid	5035		
890-2330-3	PH01	Total/NA	Solid	5035		
890-2330-4	PH02	Total/NA	Solid	5035		
890-2330-5	PH02	Total/NA	Solid	5035		
890-2330-6	PH03	Total/NA	Solid	5035		
890-2330-7	PH03	Total/NA	Solid	5035		
890-2330-8	SS05	Total/NA	Solid	5035		
890-2330-9	SS06	Total/NA	Solid	5035		
890-2330-10	SS07	Total/NA	Solid	5035		
MB 880-26190/5-A	Method Blank	Total/NA	Solid	5035		
LCS 880-26190/1-A	Lab Control Sample	Total/NA	Solid	5035		
LCSD 880-26190/2-A	Lab Control Sample Dup	Total/NA	Solid	5035		
890-2330-1 MS	FS01	Total/NA	Solid	5035		
890-2330-1 MSD	FS01	Total/NA	Solid	5035		

Analysis Batch: 26191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2330-11	SS08	Total/NA	Solid	8021B	26189
MB 880-26189/5-A	Method Blank	Total/NA	Solid	8021B	26189
LCS 880-26189/1-A	Lab Control Sample	Total/NA	Solid	8021B	26189
LCSD 880-26189/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	26189
880-15112-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	26189
880-15112-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	26189

Analysis Batch: 26211

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
890-2330-1	FS01	Total/NA	Solid	8021B	26190
890-2330-2	PH01	Total/NA	Solid	8021B	26190
890-2330-3	PH01	Total/NA	Solid	8021B	26190
890-2330-4	PH02	Total/NA	Solid	8021B	26190
890-2330-5	PH02	Total/NA	Solid	8021B	26190
890-2330-6	PH03	Total/NA	Solid	8021B	26190
890-2330-7	PH03	Total/NA	Solid	8021B	26190
890-2330-8	SS05	Total/NA	Solid	8021B	26190
890-2330-9	SS06	Total/NA	Solid	8021B	26190
890-2330-10	SS07	Total/NA	Solid	8021B	26190
MB 880-26190/5-A	Method Blank	Total/NA	Solid	8021B	26190
LCS 880-26190/1-A	Lab Control Sample	Total/NA	Solid	8021B	26190
LCSD 880-26190/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	26190
890-2330-1 MS	FS01	Total/NA	Solid	8021B	26190
890-2330-1 MSD	FS01	Total/NA	Solid	8021B	26190

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Job ID: 890-2330-1 SDG: 03D2024014

Client: Ensolum Project/Site: Montera Federal 10M CTB Job ID: 890-2330-1

SDG: 03D2024014

GC VOA

Analysis Batch: 26244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2330-1	FS01	Total/NA	Solid	Total BTEX	
890-2330-2	PH01	Total/NA	Solid	Total BTEX	
890-2330-3	PH01	Total/NA	Solid	Total BTEX	
890-2330-4	PH02	Total/NA	Solid	Total BTEX	
890-2330-5	PH02	Total/NA	Solid	Total BTEX	
890-2330-6	PH03	Total/NA	Solid	Total BTEX	
890-2330-7	PH03	Total/NA	Solid	Total BTEX	
890-2330-8	SS05	Total/NA	Solid	Total BTEX	
890-2330-9	SS06	Total/NA	Solid	Total BTEX	
890-2330-10	SS07	Total/NA	Solid	Total BTEX	
890-2330-11	SS08	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 26134

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
890-2330-1	FS01	Total/NA	Solid	8015B NM	26197
890-2330-2	PH01	Total/NA	Solid	8015B NM	26197
890-2330-3	PH01	Total/NA	Solid	8015B NM	26197
890-2330-4	PH02	Total/NA	Solid	8015B NM	26197
890-2330-5	PH02	Total/NA	Solid	8015B NM	26197
890-2330-6	PH03	Total/NA	Solid	8015B NM	26197
890-2330-7	PH03	Total/NA	Solid	8015B NM	26197
890-2330-8	SS05	Total/NA	Solid	8015B NM	26197
890-2330-9	SS06	Total/NA	Solid	8015B NM	26197
890-2330-10	SS07	Total/NA	Solid	8015B NM	26197
890-2330-11	SS08	Total/NA	Solid	8015B NM	26197
MB 880-26197/1-A	Method Blank	Total/NA	Solid	8015B NM	26197
LCS 880-26197/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	26197
LCSD 880-26197/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	26197
890-2330-1 MS	FS01	Total/NA	Solid	8015B NM	26197
890-2330-1 MSD	FS01	Total/NA	Solid	8015B NM	26197

Prep Batch: 26197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2330-1	FS01	Total/NA	Solid	8015NM Prep	
890-2330-2	PH01	Total/NA	Solid	8015NM Prep	
890-2330-3	PH01	Total/NA	Solid	8015NM Prep	
890-2330-4	PH02	Total/NA	Solid	8015NM Prep	
890-2330-5	PH02	Total/NA	Solid	8015NM Prep	
890-2330-6	PH03	Total/NA	Solid	8015NM Prep	
890-2330-7	PH03	Total/NA	Solid	8015NM Prep	
890-2330-8	SS05	Total/NA	Solid	8015NM Prep	
890-2330-9	SS06	Total/NA	Solid	8015NM Prep	
890-2330-10	SS07	Total/NA	Solid	8015NM Prep	
890-2330-11	SS08	Total/NA	Solid	8015NM Prep	
MB 880-26197/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-26197/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-26197/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2330-1 MS	FS01	Total/NA	Solid	8015NM Prep	
890-2330-1 MSD	FS01	Total/NA	Solid	8015NM Prep	

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Client: Ensolum Project/Site: Montera Federal 10M CTB Job ID: 890-2330-1 SDG: 03D2024014

GC Semi VOA

Analysis Batch: 26232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2330-1	FS01	Total/NA	Solid	8015 NM	
890-2330-2	PH01	Total/NA	Solid	8015 NM	
890-2330-3	PH01	Total/NA	Solid	8015 NM	
890-2330-4	PH02	Total/NA	Solid	8015 NM	
890-2330-5	PH02	Total/NA	Solid	8015 NM	
890-2330-6	PH03	Total/NA	Solid	8015 NM	
890-2330-7	PH03	Total/NA	Solid	8015 NM	
890-2330-8	SS05	Total/NA	Solid	8015 NM	
890-2330-9	SS06	Total/NA	Solid	8015 NM	
890-2330-10	SS07	Total/NA	Solid	8015 NM	
890-2330-11	SS08	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 26272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2330-1	FS01	Soluble	Solid	DI Leach	
890-2330-2	PH01	Soluble	Solid	DI Leach	
890-2330-3	PH01	Soluble	Solid	DI Leach	
890-2330-4	PH02	Soluble	Solid	DI Leach	
890-2330-5	PH02	Soluble	Solid	DI Leach	
890-2330-6	PH03	Soluble	Solid	DI Leach	
890-2330-7	PH03	Soluble	Solid	DI Leach	
890-2330-8	SS05	Soluble	Solid	DI Leach	
890-2330-9	SS06	Soluble	Solid	DI Leach	
890-2330-10	SS07	Soluble	Solid	DI Leach	
890-2330-11	SS08	Soluble	Solid	DI Leach	
MB 880-26272/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-26272/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-26272/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2330-5 MS	PH02	Soluble	Solid	DI Leach	
890-2330-5 MSD	PH02	Soluble	Solid	DI Leach	

Analysis Batch: 26378

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
890-2330-1	FS01	Soluble	Solid	300.0	26272
890-2330-2	PH01	Soluble	Solid	300.0	26272
890-2330-3	PH01	Soluble	Solid	300.0	26272
890-2330-4	PH02	Soluble	Solid	300.0	26272
890-2330-5	PH02	Soluble	Solid	300.0	26272
890-2330-6	PH03	Soluble	Solid	300.0	26272
890-2330-7	PH03	Soluble	Solid	300.0	26272
890-2330-8	SS05	Soluble	Solid	300.0	26272
890-2330-9	SS06	Soluble	Solid	300.0	26272
890-2330-10	SS07	Soluble	Solid	300.0	26272
890-2330-11	SS08	Soluble	Solid	300.0	26272
MB 880-26272/1-A	Method Blank	Soluble	Solid	300.0	26272
LCS 880-26272/2-A	Lab Control Sample	Soluble	Solid	300.0	26272
LCSD 880-26272/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	26272
890-2330-5 MS	PH02	Soluble	Solid	300.0	26272
890-2330-5 MSD	PH02	Soluble	Solid	300.0	26272

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Job ID: 890-2330-1 SDG: 03D2024014

Lab Sample ID: 890-2330-1 Matrix: Solid

Lab Sample ID: 890-2330-2

Lab Sample ID: 890-2330-3

Lab Sample ID: 890-2330-4

Matrix: Solid

Matrix: Solid

Date Collected: 05/23/22 09:25 Date Received: 05/23/22 13:32

Client Sample ID: FS01

Client: Ensolum

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	26190	05/24/22 14:35	MR	XEN MID
Total/NA	Analysis	8021B		1			26211	05/25/22 12:54	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26244	05/25/22 09:40	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26232	05/25/22 09:17	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26197	05/24/22 16:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26134	05/24/22 21:00	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	26272	05/25/22 12:31	SC	XEN MID
Soluble	Analysis	300.0		1			26378	05/28/22 16:38	SC	XEN MID

Client Sample ID: PH01

Date Collected: 05/23/22 09:50

Date Received: 05/23/22 13:32

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	26190	05/24/22 14:35	MR	XEN MID
Total/NA	Analysis	8021B		1			26211	05/25/22 13:14	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26244	05/25/22 09:40	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26232	05/25/22 09:17	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26197	05/24/22 16:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26134	05/24/22 22:03	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	26272	05/25/22 12:31	SC	XEN MID
Soluble	Analysis	300.0		1			26378	05/28/22 16:46	SC	XEN MID

Client Sample ID: PH01

Date Collected: 05/23/22 09:55

Date	Received:	05/23/22	13:32

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	26190	05/24/22 14:35	MR	XEN MID
Total/NA	Analysis	8021B		1			26211	05/25/22 13:35	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26244	05/25/22 09:40	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26232	05/25/22 09:17	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26197	05/24/22 16:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26134	05/24/22 22:24	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	26272	05/25/22 12:31	SC	XEN MID
Soluble	Analysis	300.0		1			26378	05/28/22 16:54	SC	XEN MID

Client Sample ID: PH02 Date Collected: 05/23/22 10:05 Date Received: 05/23/22 13:32

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	26190	05/24/22 14:35	MR	XEN MID
Total/NA	Analysis	8021B		1			26211	05/25/22 13:55	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26244	05/25/22 09:40	SM	XEN MID

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Matrix: Solid

Job ID: 890-2330-1 SDG: 03D2024014

Lab Sample ID: 890-2330-4 Matrix: Solid

Client Sample ID: PH02 Date Collected: 05/23/22 10:05 Date Received: 05/23/22 13:32

Client: Ensolum

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			26232	05/25/22 09:17	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26197	05/24/22 16:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26134	05/24/22 22:45	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	26272	05/25/22 12:31	SC	XEN MID
Soluble	Analysis	300.0		1			26378	05/28/22 17:02	SC	XEN MID

Client Sample ID: PH02 Date Collected: 05/23/22 10:10

Date Received: 05/23/22 13:32

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	26190	05/24/22 14:35	MR	XEN MID
Total/NA	Analysis	8021B		1			26211	05/25/22 14:16	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26244	05/25/22 09:40	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26232	05/25/22 09:17	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26197	05/24/22 16:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26134	05/24/22 23:06	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	26272	05/25/22 12:31	SC	XEN MID
Soluble	Analysis	300.0		1			26378	05/28/22 17:09	SC	XEN MID

Client Sample ID: PH03

Date Collected: 05/23/22 10:20 Date Received: 05/23/22 13:32

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	26190	05/24/22 14:35	MR	XEN MID
Total/NA	Analysis	8021B		1			26211	05/25/22 14:36	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26244	05/25/22 09:40	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26232	05/25/22 09:17	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26197	05/24/22 16:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26134	05/24/22 23:27	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	26272	05/25/22 12:31	SC	XEN MID
Soluble	Analysis	300.0		1			26378	05/28/22 17:33	SC	XEN MID

Client Sample ID: PH03

Date Collected: 05/23/22 10:25 Date Received: 05/23/22 13:32

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	26190	05/24/22 14:35	MR	XEN MID
Total/NA	Analysis	8021B		1	0 mL	1.0 mL	26211	05/25/22 14:57	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26244	05/25/22 09:40	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26232	05/25/22 09:17	SM	XEN MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.00 g	10 mL	26197 26134	05/24/22 16:02 05/24/22 23:48	DM SM	XEN MID XEN MID

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Lab Sample ID: 890-2330-7

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5/31/2022

Matrix: Solid

Lab Sample ID: 890-2330-6 Matrix: Solid

Matrix: Solid

Lab Chronicle

Job ID: 890-2330-1 SDG: 03D2024014

Lab Sample ID: 890-2330-7

Client Sample ID: PH03 Date Collected: 05/23/22 10:25

Client: Ensolum

Date Received: 05/23/22 13:32

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	26272	05/25/22 12:31	SC	XEN MID
Soluble	Analysis	300.0		1			26378	05/28/22 17:41	SC	XEN MID

Client Sample ID: SS05

Date Collected: 05/23/22 10:30 Date Received: 05/23/22 13:32

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	26190	05/24/22 14:35	MR	XEN MID
Total/NA	Analysis	8021B		1			26211	05/25/22 15:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26244	05/25/22 09:40	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26232	05/25/22 09:17	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	26197	05/24/22 16:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26134	05/25/22 00:08	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	26272	05/25/22 12:31	SC	XEN MID
Soluble	Analysis	300.0		1			26378	05/28/22 18:05	SC	XEN MID

Client Sample ID: SS06 Date Collected: 05/23/22 10:35

Date Received: 05/23/22 13:32

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	26190	05/24/22 14:35	MR	XEN MID
Total/NA	Analysis	8021B		1			26211	05/25/22 19:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26244	05/25/22 09:40	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26232	05/25/22 09:17	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26197	05/24/22 16:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26134	05/25/22 00:29	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	26272	05/25/22 12:31	SC	XEN MID
Soluble	Analysis	300.0		1			26378	05/28/22 18:13	SC	XEN MID

Client Sample ID: SS07 Date Collected: 05/23/22 10:40

Date Received: 05/23/22 13:32

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	26190	05/24/22 14:35	MR	XEN MID
Total/NA	Analysis	8021B		1			26211	05/25/22 19:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26244	05/25/22 09:40	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26232	05/25/22 09:17	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26197	05/24/22 16:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26134	05/25/22 00:50	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	26272	05/25/22 12:31	SC	XEN MID
Soluble	Analysis	300.0		1			26378	05/28/22 18:21	SC	XEN MID

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Matrix: Solid

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Lab Sample ID: 890-2330-8 Matrix: Solid

> Lab Sample ID: 890-2330-9 Matrix: Solid

Lab Sample ID: 890-2330-10 Matrix: Solid

Job ID: 890-2330-1 SDG: 03D2024014

Lab Sample ID: 890-2330-11

Matrix: Solid

Client Sample ID: SS08 Date Collected: 05/23/22 10:45 Date Received: 05/23/22 13:32

Client: Ensolum

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	26189	05/24/22 14:26	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26191	05/25/22 01:42	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26244	05/25/22 09:40	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26232	05/25/22 09:17	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	26197	05/24/22 16:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26134	05/25/22 01:32	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	26272	05/25/22 12:31	SC	XEN MID
Soluble	Analysis	300.0		1			26378	05/28/22 18:28	SC	XEN MID

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Released to Imaging: 9/8/2022 12:41:01 PM

Accreditation/Certification Summary

Project/Site: Montera Federal 10M CTB

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

thority		Program	Identification Number	Expiration Date
as		NELAP	T104704400-21-22	06-30-22
The following analytes	are included in this report,	but the laboratory is not certif	ied by the governing authority. This list ma	ay include analytes for v
the agency does not o		Matrix	Analyte	
the agency does not o Analysis Method 8015 NM	ffer certification . Prep Method	Matrix Solid	Analyte Total TPH	

Job ID: 890-2330-1

SDG: 03D2024014

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Job ID: 890-2330-1 SDG: 03D2024014

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

Client: Ensolum

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions. SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Sample Summary

Client: Ensolum Project/Site: Montera Federal 10M CTB

ab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
90-2330-1	FS01	Solid	05/23/22 09:25	05/23/22 13:32	0.75
90-2330-2	PH01	Solid	05/23/22 09:50	05/23/22 13:32	1
90-2330-3	PH01	Solid	05/23/22 09:55	05/23/22 13:32	2
90-2330-4	PH02	Solid	05/23/22 10:05	05/23/22 13:32	1
90-2330-5	PH02	Solid	05/23/22 10:10	05/23/22 13:32	2
90-2330-6	PH03	Solid	05/23/22 10:20	05/23/22 13:32	1
90-2330-7	PH03	Solid	05/23/22 10:25	05/23/22 13:32	2
90-2330-8	SS05	Solid	05/23/22 10:30	05/23/22 13:32	0.5
90-2330-9	SS06	Solid	05/23/22 10:35	05/23/22 13:32	0.5
90-2330-10	SS07	Solid	05/23/22 10:40	05/23/22 13:32	0.5
90-2330-11	SS08	Solid	05/23/22 10:45	05/23/22 13:32	0.5

Job ID: 890-2330-1 SDG: 03D2024014

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Project Manager: Kalei	Kalei Jennings			Bill to: (if different)	erent)	Kale	Kalei Jennigns	Ins		Work Order Comments
	Ensolum, LLC			Company Name:	ame:	Enso	Ensolum, LLC	5	Prograt	Program: UST/PST PRP Brownfields RRC Superfund
	601 N Marienfeld St Suite 400	Suite 400		Address:		601	N Marie	enfeld S	601 N Marienfeld St Suite 400 State of Project:	Project:
te ZIP:	Midland, TX 79701			City, State ZIP	IP:	Midt	Midland, TX 79701	79701	Reporti	Reporting: Level II QLevel III PST/UST TRRP
	817-683-2503		Email:	Email: kjennings@ensolum.com	vensolu	Im.com	2		Delivera	Deliverables: EDD ADaPT
Name:	Montera Federal 10M CTB	IOM CTB	Turn	Turn Around	_	-			ANALYSIS REQUEST	
ň	03D2024014	14	Routine	🗆 Rush	Pres. Code	æ .				None: NO
Project Location:			Due Date:		-		_			Cool: Cool
Sampler's Name:	Conner Shore	Jre	TAT starts the	TAT starts the day received by	by			T		HCL: HC
PO #			the lab, if rec	the lab, if received by 4:30pm	L					H ₂ S0 ₄ : H ₂
SAMPLE RECEIPT	Temp Blank:	V)s No	Wet Ice:	ON SEX	nete					H ₃ PO ₄ : HP
Samples Received Intact:	Mes No	Thermometer ID:	ter ID:	D-WW-D	Ψ					IIIIII NaHSO4: NABIS
Cooler Custody Seals:	Yes NO MA	Correction Factor:	Factor:	-0.2	Pa	-	T		COS 2000 Chain of Custory	Na ₂ S ₂ O ₃ : NaSO ₃
Sample Custody Seals:	Yes NO NIA	Temperature Reading:	re Reading:	-		S (E			_	Zn Acetate+NaOH: Zn
Total Containers:		Corrected 1	Corrected Temperature:	1.6		RIDE	015)	802		NaOH+Ascorbic Acid: SAPC
Sample Identification	ion Matrix	Date Sampled	Time Sampled	Depth Gr	Grab/ # of Comp Cont		TPH (8	BTEX (
FS01	s	05.23.22	925	0.75'	C 1	×	×	×		
PH01	s	05.23.22	950	1. (G 1	×	×	×		
PH01	S	05.23.22	955	2'	G 1	×	×	×		
PH02	s	05.23.22	1005		G 1	×	×	×		
PH02	s	05.23.22	1010	2' (G 1	×	×	×		
PH03	s	05.23.22	1020	1.	G 1	×	×	×		
PH03	S	05.23.22	1025	2 0	G 	×	×	×		
SS05	s	05.23.22	1030	0.5'		×	×	×		
SS06	S	05.23.22	1035	0.5'		×	×	×		
SS07	S	05.23.22	1040	0.5	-	×	×	×		
Total 200.7 / 6010	200.8 / 6020:	~	8RCRA 13F	13PPM Texas 11	s 11 Al		As Ba		0	K Se A
Circle Method(s) and Metal(s) to be analyzed	tal(s) to be anal	yzed	TCLP / S	TCLP / SPLP 6010: 8RCRA	8RCR		Sb As Ba		Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	TIU Hg: 1631 / 245.1 / 7470
lotice: Signature of this docume f service. Eurofins Xenco will be f Eurofins Xenco. A minimum ci	nt and relinquishmer e liable only for the c harge of \$85.00 will b	t of samples co ost of samples <i>e</i> e applied to eac	nstitutes a valid j and shall not ass h project and a c	purchase order ume any respo harge of \$5 for	r from cile nsibility fr each san	nt compa or any los nple subr	any to Eu sses or e mitted to	rofins Xe xpenses Eurofins	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of service. Eurofins Xenco. A minimum charge of \$56,00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiation of Eurofins Xenco.	ctors. It assigns standard terms and conditions uses are due to circumstances beyond the control terms will be enforced unless previously negotiated.
Relinquished by: (Signature)	nature)	A Received by:	d by: (Signature)	iture)	_	Dat	Date/Time		Relinquished by: (Signature)	Received by: (Signature)
2SS		le (4D		S	5.23.22	ey	133-		

4 5 6

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Environment Testing

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300 Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334

Work Order No:

Chain of Custody

14

Job Number: 890-2330-1 SDG Number: 03D2024014

List Source: Eurofins Carlsbad

Login Sample Receipt Checklist

Client: Ensolum

Login Number: 2330 List Number: 1 Creator: Clifton, Cloe

Question	Answer	Comment
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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	

N/A

Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").

14

Job Number: 890-2330-1 SDG Number: 03D2024014

List Source: Eurofins Midland

List Creation: 05/24/22 02:09 PM

Login Sample Receipt Checklist

Client: Ensolum

Login Number: 2330 List Number: 2 Creator: Rodriguez, Leticia

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is	N/A	

Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").

Received by OCD: 8/31/2022 3:37:32 PM

LINKS

Review your project results through

EOL

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Ask— The Expert

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Environment Testing America

ANALYTICAL REPORT

Eurofins Carlsbad 1089 N Canal St. Carlsbad, NM 88220 Tel: (575)988-3199

Laboratory Job ID: 890-2737-1

Laboratory Sample Delivery Group: 03D2024014 Client Project/Site: Montera Federal 10M CTB Revision: 1

For:

Ensolum 705 W. Wadley Suite 210 Midland, Texas 79701

Attn: Kalei Jennings

RAMER

Authorized for release by: 8/23/2022 3:25:29 PM

Jessica Kramer, Project Manager (432)704-5440 Jessica.Kramer@et.eurofinsus.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

SDG: 03D2024014

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Sample Summary	17
Chain of Custody	18
	19



Client: Ensolum Project/Site: Montera Federal 10M CTB

Decision Level Concentration (Radiochemistry)

EPA recommended "Maximum Contaminant Level"

Minimum Detectable Concentration (Radiochemistry)

Not Detected at the reporting limit (or MDL or EDL if shown)

Minimum Detectable Activity (Radiochemistry)

Estimated Detection Limit (Dioxin)

Limit of Quantitation (DoD/DOE)

Limit of Detection (DoD/DOE)

Method Detection Limit

Minimum Level (Dioxin)

Most Probable Number

Not Calculated

Negative / Absent

Positive / Present

Presumptive

Quality Control

Method Quantitation Limit

Practical Quantitation Limit

Relative Error Ratio (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Reporting Limit or Requested Limit (Radiochemistry)

Relative Percent Difference, a measure of the relative difference between two points

Qualifiers

DLC

EDL LOD

LOQ

MCL

MDA MDC

MDL

MPN

MQL

NC

ND NEG

POS

PQL

QC

RER

RPD

TEF

TEQ

TNTC

RL

PRES

ML

Job ID: 890-2737-1 SDG: 03D2024014

		– <u> </u>
GC VOA		
Qualifier	Qualifier Description	
F1	MS and/or MSD recovery exceeds control limits.	-
U	Indicates the analyte was analyzed for but not detected.	5
GC Semi VO	Α	
Qualifier	Qualifier Description	
F1	MS and/or MSD recovery exceeds control limits.	-
S1-	Surrogate recovery exceeds control limits, low biased.	
U	Indicates the analyte was analyzed for but not detected.	
HPLC/IC		8
Qualifier	Qualifier Description	
U	Indicates the analyte was analyzed for but not detected.	9
Glossary		- 10
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	- 44
%R	Percent Recovery	
CFL	Contains Free Liquid	
CFU	Colony Forming Unit	
CNF	Contains No Free Liquid	4.0
DER	Duplicate Error Ratio (normalized absolute difference)	13
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	

Furofins	Carlsbad

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Case Narrative

Client: Ensolum Project/Site: Montera Federal 10M CTB

Job ID: 890-2737-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-2737-1

REVISION

The report being provided is a revision of the original report sent on 8/22/2022. The report (revision 1) is being revised due to Per client email, corrected sample IDs.

Report revision history

Receipt

The samples were received on 8/10/2022 2:06 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C

GC VOA

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-32003 and analytical batch 880-31940 were outside control limits. Non-homogeneity is 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.

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery was outside acceptance limits for the following matrix spike/matrix spike duplicate (MS/MSD) sample: (890-2732-A-1-B MS). The parent sample's surrogate recovery was within limits. The MS/MSD sample has been qualified and reported.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-31853 and analytical batch 880-31943 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.

HPLC/IC

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

Job ID: 890-2737-1 SDG: 03D2024014

Client Sample Results

RL

Unit

D

Prepared

Client: Ensolum Project/Site: Montera Federal 10M CTB

Method: 8021B - Volatile Organic Compounds (GC)

Result Qualifier

Client Sample ID: FS02 Date Collected: 08/10/22 09:35 Date Received: 08/10/22 14:06 Sample Depth: 1

Analyte

Analyte	Result	Quanner		Onit		rieparea	Analyzeu	Dirrac
Benzene	<0.00199	U	0.00199	mg/Kg		08/11/22 11:30	08/12/22 00:56	1
Toluene	<0.00199	U	0.00199	mg/Kg		08/11/22 11:30	08/12/22 00:56	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		08/11/22 11:30	08/12/22 00:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		08/11/22 11:30	08/12/22 00:56	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		08/11/22 11:30	08/12/22 00:56	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		08/11/22 11:30	08/12/22 00:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130			08/11/22 11:30	08/12/22 00:56	1
1,4-Difluorobenzene (Surr)	78		70 - 130			08/11/22 11:30	08/12/22 00:56	1
Method: Total BTEX - Total B	TEX Calcula	tion						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			08/12/22 10:35	1
Method: 8015 NM - Diesel Rar								
	• •				_	_ .		
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			08/12/22 09:16	1
	ange Organ	ics (DRO)	(GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		08/11/22 15:10	08/11/22 18:38	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		08/11/22 15:10	08/11/22 18:38	1
Oll Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		08/11/22 15:10	08/11/22 18:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130			08/11/22 15:10	08/11/22 18:38	1
o-Terphenyl	103		70 - 130			08/11/22 15:10	08/11/22 18:38	1
	hromatogra	phy - Solu	ble					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.8		5.01	mg/Kg			08/12/22 01:28	1
—								

Client Sample ID: FS03 Date Collected: 08/10/22 09:40 Date Received: 08/10/22 14:06 Sample Depth: 1

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		08/11/22 11:30	08/12/22 01:17	1
Toluene	<0.00198	U	0.00198	mg/Kg		08/11/22 11:30	08/12/22 01:17	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		08/11/22 11:30	08/12/22 01:17	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		08/11/22 11:30	08/12/22 01:17	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		08/11/22 11:30	08/12/22 01:17	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		08/11/22 11:30	08/12/22 01:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130			08/11/22 11:30	08/12/22 01:17	1

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Matrix: Solid

Lab Sample ID: 890-2737-2

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Job ID: 890-2737-1 SDG: 03D2024014

Lab Sample ID: 890-2737-1

Analyzed

Matrix: Solid

Dil Fac

Limits

70 - 130

RL

RL

49.9

0.00396

Job ID: 890-2737-1 SDG: 03D2024014

Analyzed

Analyzed

08/12/22 10:35

Analyzed

08/12/22 09:16

08/11/22 11:30 08/12/22 01:17

Dil Fac

Client Sample ID: FS03

Client: Ensolum

Surrogate

Analyte

Analyte

Total TPH

Total BTEX

1,4-Difluorobenzene (Surr)

Date Collected: 08/10/22 09:40 Date Received: 08/10/22 14:06 Sample Depth: 1

Lab Sample ID:	890-2737-2
	Matrix: Solid

Unit

Unit

mg/Kg

mg/Kg

Prepared

Prepared

Prepared

D

D

5

1	
Dil Fac 1	8
Dil Fac	9
1	
Dil Fac	
1	

Method: 8015B NM -	Diesel Range Organics (DRO) (GC)
Analyte	Result Qualifier

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

Method: Total BTEX - Total BTEX Calculation

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

%Recovery Qualifier

Result Qualifier

Result Qualifier

<49.9 U

87

<0.00396 U

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		08/11/22 15:10	08/11/22 18:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		08/11/22 15:10	08/11/22 18:59	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		08/11/22 15:10	08/11/22 18:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130			08/11/22 15:10	08/11/22 18:59	1
o-Terphenyl	115		70 - 130			08/11/22 15:10	08/11/22 18:59	1
Method: 300.0 - Anions, Ion C	hromatogra	phy - Solu	ıble					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

· · · · · · · · · · · · · · · · · · ·				· · · · · · · · · · · · · · · · · · ·	
Chloride	9.43	5.01	mg/Kg	08/12/22 01:37	1

Eurofins Carlsbad

Surrogate Summary

Client: Ensolum Project/Site: Montera Federal 10M CTB

Method: 8021B - Volatile Organic Compounds (GC) Matrix: Solid

			Perc	ent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-2736-A-1-B MS	Matrix Spike	128	97	
890-2736-A-1-C MSD	Matrix Spike Duplicate	120	86	
890-2737-1	FS02	89	78	
890-2737-2	FS03	114	87	
LCS 880-32003/1-A	Lab Control Sample	107	100	
LCSD 880-32003/2-A	Lab Control Sample Dup	121	100	
MB 880-31863/5-A	Method Blank	97	81	
MB 880-32003/5-A	Method Blank	98	84	

Surrogate Legend BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

			Per
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-2732-A-1-B MS	Matrix Spike	71	67 S1-
890-2732-A-1-C MSD	Matrix Spike Duplicate	73	71
890-2737-1	FS02	88	103
890-2737-2	FS03	101	115
LCS 880-31853/2-A	Lab Control Sample	103	103
LCSD 880-31853/3-A	Lab Control Sample Dup	119	122
MB 880-31853/1-A	Method Blank	93	112

Surrogate Legend

1CO = 1-Chlorooctane OTPH = o-Terphenyl 5 6 7

Prep Type: Total/NA

Prep Type: Total/NA

Client: Ensolum Project/Site: Montera Federal 10M CTB

Lab Sample ID: MB 880-31863/5-A

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid							Prep Type: To	
Analysis Batch: 31940							Prep Batch:	: 31863
	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	< 0.00200	U	0.00200	mg/Kg		08/09/22 16:02	08/11/22 12:35	1
Toluene	<0.00200	U	0.00200	mg/Kg		08/09/22 16:02	08/11/22 12:35	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		08/09/22 16:02	08/11/22 12:35	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		08/09/22 16:02	08/11/22 12:35	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		08/09/22 16:02	08/11/22 12:35	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		08/09/22 16:02	08/11/22 12:35	1
	МВ	МВ						
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130			08/09/22 16:02	08/11/22 12:35	1
1,4-Difluorobenzene (Surr)	81		70 - 130			08/09/22 16:02	08/11/22 12:35	1
Lab Sample ID: MB 880-32	003/5-A					Client Samp	ole ID: Method	1 Blank
Matrix: Solid							Prep Type: To	
Analysis Batch: 31940							Prep Batch:	
	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		08/11/22 11:30	08/11/22 23:12	1
Toluene	<0.00200	U	0.00200	mg/Kg		08/11/22 11:30	08/11/22 23:12	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		08/11/22 11:30	08/11/22 23:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		08/11/22 11:30	08/11/22 23:12	1
· · ·								

0.00200

mg/Kg

mg/Kg

Xylenes, Total	<0.00400	U	0.00400
	MB	МВ	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	84		70 - 130

<0.00200 U

Lab Sample ID: LCS 880-32003/1-A Matrix: Solid Analysis Batch: 31940

o-Xylene

Analysis Batch: 31940							Prep Bato	h: 32003
	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.07932		mg/Kg		79	70 - 130	
Toluene	0.100	0.09050		mg/Kg		91	70 - 130	
Ethylbenzene	0.100	0.09368		mg/Kg		94	70 - 130	
m-Xylene & p-Xylene	0.200	0.1953		mg/Kg		98	70 - 130	
o-Xylene	0.100	0.1082		mg/Kg		108	70 - 130	

	LCS		
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-32003/2-A Matrix: Solid		C	Client Sa	mple	ID: Lat	Control S Prep Ty			
Analysis Batch: 31940							Prep E	atch: 3	32003
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1007		mg/Kg		101	70 - 130	24	35

Eurofins Carlsbad

Client Sample ID: Method Blank

08/11/22 11:30 08/11/22 23:12

08/11/22 11:30 08/11/22 23:12

08/11/22 11:30 08/11/22 23:12

08/11/22 11:30 08/11/22 23:12

Client Sample ID: Lab Control Sample

Analyzed

Prep Type: Total/NA

Prepared

1

1

1

1

Dil Fac

Client: Ensolum Project/Site: Montera Federal 10M CTB

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-32003/2-A Matrix: Solid Analysis Batch: 31940		(Client Sa	mple	ID: Lat	Control Prep Ty Prep E	pe: Tot	al/NA	
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Toluene	0.100	0.09974		mg/Kg		100	70 - 130	10	35
Ethylbenzene	0.100	0.1108		mg/Kg		111	70 - 130	17	35
m-Xylene & p-Xylene	0.200	0.2294		mg/Kg		115	70 - 130	16	35
o-Xylene	0.100	0.1269		mg/Kg		127	70 - 130	16	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-2736-A-1-B MS Matrix: Solid Analysis Batch: 31940

Analysis Baton. 01040									i i cp But	
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00199	U F1	0.101	0.08521		mg/Kg		85	70 - 130	
Toluene	<0.00199	U	0.101	0.09050		mg/Kg		90	70 - 130	
Ethylbenzene	<0.00199	U	0.101	0.1006		mg/Kg		100	70 - 130	
m-Xylene & p-Xylene	<0.00398	U	0.201	0.2138		mg/Kg		106	70 - 130	
o-Xylene	<0.00199	U	0.101	0.1176		mg/Kg		117	70 - 130	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	128		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 890-2736-A-1-C MSD Matrix: Solid Analysis Batch: 31940

4-Bromofluorobenzene (Surr)

1,4-Difluorobenzene (Surr)

Analysis Batch: 31940									Prep E	Batch: 3	32003
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	< 0.00199	U F1	0.101	0.06978	F1	mg/Kg		69	70 - 130	20	35
Toluene	<0.00199	U	0.101	0.09112		mg/Kg		90	70 - 130	1	35
Ethylbenzene	<0.00199	U	0.101	0.09830		mg/Kg		98	70 - 130	2	35
m-Xylene & p-Xylene	<0.00398	U	0.202	0.2031		mg/Kg		101	70 - 130	5	35
o-Xylene	<0.00199	U	0.101	0.1115		mg/Kg		111	70 - 130	5	35
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								

70 - 130

70 - 130

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

120

86

Lab Sample ID: MB 880-31853 Matrix: Solid Analysis Batch: 31943	/ 1-A						le ID: Method Prep Type: To Prep Batch:	otal/NA
	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		08/09/22 15:10	08/11/22 10:17	1

Job ID: 890-2737-1 SDG: 03D2024014

7

Prep Type: Total/NA Prep Batch: 32003

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Client Sample ID: Matrix Spike

Eurofins Carlsbad

Client: Ensolum Project/Site: Montera Federal 10M CTB

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

Lab Sample ID: MB 880-318 Matrix: Solid	853/1-A							Clie	ent Samp	ole ID: Me Prep Typ	e: To	tal/NA
Analysis Batch: 31943										Prep Ba	tch:	31853
		MB										
Analyte			Qualifier	RL		Unit	D	P	repared	Analyze		Dil Fac
Diesel Range Organics (Over C10-C28)	<	50.0	U	50.0		mg/K	g	08/0)9/22 15:10	08/11/22 1	0:17	1
Oll Range Organics (Over C28-C36) <	50.0	U	50.0		mg/K	g	08/0)9/22 15:10	08/11/22 1	0:17	1
			MB									
Surrogate	%Reco	-	Qualifier	Limits					Prepared	Analyze		Dil Fac
1-Chlorooctane		93		70 - 130				08/0	09/22 15:10	08/11/22 1	0:17	1
o-Terphenyl		112		70 - 130				08/0	09/22 15:10	08/11/22 1	0:17	1
Lab Sample ID: LCS 880-31	1853/2-A						Clier	nt Sa	mple ID:	Lab Cont	rol Sa	ample
Matrix: Solid										Prep Typ	e: To	tal/NA
Analysis Batch: 31943				0						Prep Ba		
Awalita				Spike	-	LCS	11	-	0/ 5-	%Rec		
Analyte				Added		Qualifier	Unit	<u>D</u>	<u>%Rec</u>	Limits		
Gasoline Range Organics (GRO)-C6-C10				1000	925.9		mg/Kg		93	70 - 130		
Diesel Range Organics (Over C10-C28)				1000	926.0		mg/Kg		93	70 - 130		
	LCS	LCS										
Surrogate	%Recovery	Qua	lifier	Limits								
1-Chlorooctane	103			70 - 130								
o-Terphenyl	103			70 - 130								
Lab Sample ID: LCSD 880-	31853/3-A						lient Sa	mnle	ID [.] I ab	Control S	amnl	e Dun
Matrix: Solid								mpio		Prep Typ		
Analysis Batch: 31943										Prep Ba		
Analysis Batom store				Spike	LCSD	LCSD				%Rec		RPD
Analyte				Added		Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics				1000	1030		mg/Kg		103	70 - 130	11	20
(GRO)-C6-C10				1000								
Diesel Range Organics (Over C10-C28)				1000	1070		mg/Kg		107	70 - 130	14	20
,	1.000	1.00	0									
Surrogata	LCSD	-		Limito								
Surrogate	%Recovery	Qua		Limits 70 - 130								
1-Chlorooctane	119											
o-Terphenyl	122			70 - 130								
Lab Sample ID: 890-2732-A	-1-B MS							C	lient San	nple ID: M		
Matrix: Solid										Prep Typ		
Analysis Batch: 31943	<u> </u>			• •						Prep Ba	itch:	31853
• • •	Sample		-	Spike	-	MS		_	a/ -	%Rec		
Analyte	Result		lifier	Added		Qualifier	Unit	<u>D</u>	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U		999	974.0		mg/Kg		95	70 - 130		
Diesel Range Organics (Over	<49.9	U F1		999	623.0	F1	mg/Kg		62	70 - 130		
C10-C28)												
C10-C28)	MS	MS										
C10-C28) Surrogate	MS %Recovery		lifier	Limits								

Job ID: 890-2737-1

SDG: 03D2024014

71

67 S1-

1-Chlorooctane

o-Terphenyl

70 - 130

70 - 130

Client: Ensolum Project/Site: Montera Federal 10M CTB

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

Lab Sample ID: 890-2732	-A-1-C MSD						Clien	t Sam	ple ID:	Matrix Spi		
Matrix: Solid										Prep Ty		
Analysis Batch: 31943											Batch:	
	Sample	Samp	ole	Spike	MSE	MSD				%Rec		RPD
Analyte	Result	Quali	fier	Added	Resul	t Qualifier	Unit	D	%Rec	Limits	RPD	Limi
Gasoline Range Organics (GRO)-C6-C10	<49.9	U		999	929.9)	mg/Kg		91	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1		999	668.	' F1	mg/Kg		67	70 - 130	7	20
	MSD	MSD										
Surrogate	%Recovery	Quali	fier	Limits								
1-Chlorooctane	73			70 - 130	-							
o-Terphenyl	71			70 - 130								
Matrix: Solid	31949/1-A							CI	ient Sai	nple ID: N Prep T	lethod ÿpe: So	
Matrix: Solid Analysis Batch: 32041			MB Qualifier		RI	Unit				Prep T	ype: So	oluble
Matrix: Solid Analysis Batch: 32041 Analyte	Re	esult C	Qualifier		RL	Unit			ient Sai Prepared	Prep T	ype: So	oluble
Matrix: Solid Analysis Batch: 32041 Analyte	Re		Qualifier		RL 5.00	Uni t 				Prep T	ype: So	oluble
Matrix: Solid Analysis Batch: 32041 Analyte Chloride	Re	esult C	Qualifier				≺g	D	Prepared	Prep T	ype: So zed 222:24	Dil Fac
Matrix: Solid Analysis Batch: 32041 Analyte Chloride Lab Sample ID: LCS 880-	Re	esult C	Qualifier				≺g	D	Prepared	Prep T <u>Analy</u> 08/11/22 D: Lab Co	ype: So zed 222:24	Dil Fac
Matrix: Solid Analysis Batch: 32041 Analyte Chloride Lab Sample ID: LCS 880- Matrix: Solid	Re	esult C	Qualifier				≺g	D	Prepared	Prep T <u>Analy</u> 08/11/22 D: Lab Co	ype: So zed 22:24 ntrol Sa	Dil Fac
Matrix: Solid Analysis Batch: 32041 Analyte Chloride Lab Sample ID: LCS 880- Matrix: Solid	Re	esult C	Qualifier	Spike	5.00		≺g	D	Prepared	Prep T <u>Analy</u> 08/11/22 D: Lab Co	ype: So zed 22:24 ntrol Sa	Dil Fac
Lab Sample ID: MB 880-3 Matrix: Solid Analysis Batch: 32041 Analyte Chloride Lab Sample ID: LCS 880- Matrix: Solid Analysis Batch: 32041 Analyte	Re	esult C	Qualifier	Spike Added	5.00	mg/l	<g Cli</g 	D	Prepared	Prep T <u>Analy</u> 08/11/22 D: Lab Col Prep T	ype: So zed 22:24 ntrol Sa	Dil Fac
Matrix: Solid Analysis Batch: 32041 Analyte Chloride Lab Sample ID: LCS 880- Matrix: Solid Analysis Batch: 32041 Analyte	Re	esult C	Qualifier	•	5.00	mg/l LCS t Qualifier	<g Cli</g 	D	Prepared	Prep T <u>Analy</u> 08/11/22 D: Lab Col Prep T %Rec	ype: So zed 22:24 ntrol Sa	Dil Fac
Matrix: Solid Analysis Batch: 32041 Analyte Chloride Lab Sample ID: LCS 880- Matrix: Solid Analysis Batch: 32041 Analyte Chloride	Re < -31949/2-A	esult C	Qualifier	Added	5.00 LCS Resul	ELCS Qualifier	Kg Cli - Unit mg/Kg	D	Prepared ample II <u>%Rec</u> 95	Prep T <u>Analy</u> 08/11/22 D: Lab Con Prep T %Rec Limits 90 - 110	zed 22:24 ntrol Sa ype: So	Dil Fac
Matrix: Solid Analysis Batch: 32041 Analyte Chloride Lab Sample ID: LCS 880- Matrix: Solid Analysis Batch: 32041 Analyte Chloride Lab Sample ID: LCSD 88	Re < -31949/2-A	esult C	Qualifier	Added	5.00 LCS Resul	ELCS Qualifier	Kg Cli - Unit mg/Kg	D	Prepared ample II <u>%Rec</u> 95	Prep T Analy 08/11/22 D: Lab Con Prep T %Rec Limits 90 - 110 b Control	vpe: So vzed vz2:24 ntrol Sa vpe: So Sample	Dil Fac ample bluble e Dup
Matrix: Solid Analysis Batch: 32041 Analyte Chloride Lab Sample ID: LCS 880- Matrix: Solid Analysis Batch: 32041 Analyte Chloride Lab Sample ID: LCSD 88 Matrix: Solid	Re < -31949/2-A	esult C	Qualifier	Added	5.00 LCS Resul	ELCS Qualifier	Kg Cli - Unit mg/Kg	D	Prepared ample II <u>%Rec</u> 95	Prep T Analy 08/11/22 D: Lab Con Prep T %Rec Limits 90 - 110 b Control	zed 22:24 ntrol Sa ype: So	Dil Fac ample bluble e Dup
Matrix: Solid Analysis Batch: 32041 Analyte Chloride Lab Sample ID: LCS 880- Matrix: Solid Analysis Batch: 32041 Analyte Chloride Lab Sample ID: LCSD 88	Re < -31949/2-A	esult C	Qualifier	Added	5.00 LCS Resul 236.9	ELCS Qualifier	Kg Cli - Unit mg/Kg	D	Prepared ample II <u>%Rec</u> 95	Prep T Analy 08/11/22 D: Lab Con Prep T %Rec Limits 90 - 110 b Control	vpe: So vzed vz2:24 ntrol Sa vpe: So Sample	Dil Fac

90 - 110

95

Prep Type: Soluble

1

20

											,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Anal	lysis Batch: 32041											
		Sample	Sample	Spike	MS	MS				%Rec		
Analy	vte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chlori	de	20.8		250	278.2		mg/Kg		103	90 - 110		
Matr	Sample ID: 890-2736-/ ˈix: Solid lysis Batch: 32041	A-4-C MSD					Client S	Samp	le ID: N	latrix Spi Prep T		
_		Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analy	vte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chlori	de	20.8		251	277.0		mg/Kg		102	90 - 110	0	20

251

238.3

mg/Kg

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Job ID: 890-2737-1 SDG: 03D2024014

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Lab Sample ID: 890-2736-A-4-B MS

Chloride

Matrix: Solid

Client: Ensolum Project/Site: Montera Federal 10M CTB

Matrix Spike Duplicate

Job ID: 890-2737-1 SDG: 03D2024014

8021B

GC VOA

Prep Batch: 31863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-31863/5-A	Method Blank	Total/NA	Solid	5035	
Analysis Batch: 319	40				
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2737-1	FS02	Total/NA	Solid	8021B	32003
890-2737-2	FS03	Total/NA	Solid	8021B	32003
MB 880-31863/5-A	Method Blank	Total/NA	Solid	8021B	31863
MB 880-32003/5-A	Method Blank	Total/NA	Solid	8021B	32003
LCS 880-32003/1-A	Lab Control Sample	Total/NA	Solid	8021B	32003
LCSD 880-32003/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	32003
890-2736-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	32003

890-2736-A-1-C MSD Prep Batch: 32003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2737-1	FS02	Total/NA	Solid	5035	
890-2737-2	FS03	Total/NA	Solid	5035	
MB 880-32003/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-32003/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-32003/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2736-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
890-2736-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Total/NA

Solid

Analysis Batch: 32088

Lab Sample ID 890-2737-1	Client Sample ID FS02	Prep Type Total/NA	Matrix Solid	Method Total BTEX	Prep Batch
890-2737-2	FS03	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 31853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2737-1	FS02	Total/NA	Solid	8015NM Prep	
890-2737-2	FS03	Total/NA	Solid	8015NM Prep	
MB 880-31853/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-31853/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-31853/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2732-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-2732-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 31943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2737-1	FS02	Total/NA	Solid	8015B NM	31853
890-2737-2	FS03	Total/NA	Solid	8015B NM	31853
MB 880-31853/1-A	Method Blank	Total/NA	Solid	8015B NM	31853
LCS 880-31853/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	31853
LCSD 880-31853/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	31853
890-2732-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	31853
890-2732-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	31853

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Client: Ensolum Project/Site: Montera Federal 10M CTB

GC Semi VOA

Analysis Batch: 32060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2737-1	FS02	Total/NA	Solid	8015 NM	
890-2737-2	FS03	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 31949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2737-1	FS02	Soluble	Solid	DI Leach	s
890-2737-2	FS03	Soluble	Solid	DI Leach	C C
MB 880-31949/1-A	Method Blank	Soluble	Solid	DI Leach	C
LCS 880-31949/2-A	Lab Control Sample	Soluble	Solid	DI Leach	2
LCSD 880-31949/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2736-A-4-B MS	Matrix Spike	Soluble	Solid	DI Leach	
890-2736-A-4-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 32041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch	
890-2737-1	FS02	Soluble	Solid	300.0	31949	
890-2737-2	FS03	Soluble	Solid	300.0	31949	
MB 880-31949/1-A	Method Blank	Soluble	Solid	300.0	31949	
LCS 880-31949/2-A	Lab Control Sample	Soluble	Solid	300.0	31949	
LCSD 880-31949/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	31949	
890-2736-A-4-B MS	Matrix Spike	Soluble	Solid	300.0	31949	
890-2736-A-4-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	31949	

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Job ID: 890-2737-1 SDG: 03D2024014

Lab Chronicle

Job ID: 890-2737-1 SDG: 03D2024014

Client Sample ID: FS02 Date Collected: 08/10/22 09:35 Date Received: 08/10/22 14:06

Project/Site: Montera Federal 10M CTB

Client: Ensolum

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	32003	08/11/22 11:30	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31940	08/12/22 00:56	SM	EET MID
Total/NA	Analysis	Total BTEX		1			32088	08/12/22 10:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			32060	08/12/22 09:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	31853	08/11/22 15:10	DM	EET MID
Total/NA	Analysis	8015B NM		1			31943	08/11/22 18:38	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	31949	08/11/22 09:02	AJ	EET MID
Soluble	Analysis	300.0		1			32041	08/12/22 01:28	СН	EET MID

Client Sample ID: FS03 Date Collected: 08/10/22 09:40 Date Received: 08/10/22 14:06

Batch Batch Dil Initial Final Batch Prepared Method Prep Type Туре Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA 5035 32003 08/11/22 11:30 EET MID Prep 5.05 g 5 mL EL Total/NA 8021B 08/12/22 01:17 SM EET MID Analysis 5 mL 5 mL 31940 1 Total/NA Analysis Total BTEX 1 32088 08/12/22 10:35 SM EET MID Total/NA 8015 NM Analysis 1 32060 08/12/22 09:16 SM EET MID Total/NA Prep 8015NM Prep 10.03 g 10 mL 31853 08/11/22 15:10 DM EET MID Total/NA 8015B NM Analysis 1 31943 08/11/22 18:59 SM EET MID Soluble DI Leach 4.99 g 50 mL 31949 08/11/22 09:02 AJ EET MID Leach 300.0 Soluble Analysis 1 32041 08/12/22 01:37 CH EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Carlsbad

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Lab Sample ID: 890-2737-1

Matrix: Solid

Lab Sample ID: 890-2737-2 Matrix: Solid

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	Acc	reditation/Ce	ertification Summary		
Client: Ensolum Project/Site: Montera	Federal 10M CTB			Job ID: 890-2737- SDG: 03D2024014	
Laboratory: Euro Unless otherwise noted, all		ory were covered under e	each accreditation/certification below.		3
Authority	Pro	ogram	Identification Number	Expiration Date	4
Texas		LAP	T104704400-22-24	06-30-23	5
The following analytes the agency does not o		rt, but the laboratory is r	not certified by the governing authority.	This list may include analytes for which	
Analysis Method	Prep Method	Matrix	Analyte		
8015 NM	·	Solid	Total TPH		
Total BTEX		Solid	Total BTEX		
					8
					9
					10
					11
					13
					14

Eurofins Carlsbad

Method Summary

Client: Ensolum Project/Site: Montera Federal 10M CTB

Job ID: 890-2737-1 SDG: 03D2024014

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	MCAWW	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions. SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates. TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Carlsbad
Sample Summary

Client: Ensolum Project/Site: Montera Federal 10M CTB Job ID: 890-2737-1 SDG: 03D2024014

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-2737-1	FS02	Solid	08/10/22 09:35	08/10/22 14:06	1
890-2737-2	FS03	Solid	08/10/22 09:40	08/10/22 14:06	1

Activo		EL Paso, Hobbs, NN	EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199	TX (806) 794-1296 NM (575) 988-3199	WWW X	www.xenco.com Page	of 1
Project Manager: Kalei Jennings		Bill to: (if different)	Kalei Jennigns		Wol	Con	
		Company Name:	Ensolum, LLC		Program: UST/PST PR	Program: UST/PST 🗌 PRP 🗌 Brownfields 🗌 RRC 🔲 Superfund 🗌	Superfund
	uite 400	Address:	601 N Marienfeld St Suite 400	ite 400	State of Project:		1
e ZIP:		City, State ZIP:	Midland, TX 79701		Reporting: Level II Leve	Reporting: Level II Level III DPST/UST DTRRP	
	Email:	Email: kjennings@ensolum.com	ım.com		Deliverables: EDD	ADaPT D Other:	
Project Name: Montera Federal 10M CTB	_	Turn Around		ANALYSIS REQUEST	UEST	Preservative Codes	ive Codes
ä	Rout	Rush Code				None: NO	DI Water: H ₂ O
Project Location:	Due Date:					Cool: Cool	MeOH: Me
Sampler's Name: Conner Shore		TAT starts the day received by				HCL: HC	HNO3: HN
PO #:	the lab, if rec	the lab, if received by 4:30pm				H2S04: H2	NaOH: Na
SAMPLE RECEIPT Temp Blank:	Lyes No Wet Ice:	No No				H ₃ PO ₄ : HP	
es n	Thermometer ID:	LOO'WAL				NaHSO4: NABIS	
Cooler Custody Seals: Yes No (N/A)	Correction Factor:	ၿ		890-2737 Chain	Chain of Custody	Na20203. Na003	1
Sample Custody Seals: Tes NO (NA)	Corrected Temperature		5)		_	NaOH+Ascorbic Acid: SAPC	Acid: SAPC
Sample Identification Matrix		Depth Grab/ # of Comp Cont	<u>국</u> 약 CHLOR TPH (80 BTEX (8			Sample Comments	omments
FS01 S	-	1' C 1	× ×				
FS02 S	08.10.22 940	1' C 1	× × ×				
						NAPP213544/84	3544/84
1	_						
Total 200.7 / 6010 200.8 / 6020: Circle Method(s) and Metal(s) to be analyzed	8R(13PPM Texas 11 A	CRA 13PPM Texas 11 AI Sb As Ba Be B Cd Ca Cr Co Cu F TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn		Mn MoNiK Se⊿ ≥Ag TIU	SiO ₂ Na Sr TI Sn U : 1631/245.1/7470/	V Zn 7471
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$86.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	of samples constitutes a valid st of samples and shall not ase applied to each project and a	purchase order from clie sume any responsibility fo charge of \$5 for each san	nt company to Eurofins Xenco, or any losses or expenses incur iple submitted to Eurofins Xenc	its affiliates and subcontractors. red by the client // such losses a :o, but not analyzed. These terms	tractors. It assigns standard terms and conditions losses are due to circumstances beyond the contro se terms will be enforced unless previously negotia	onditions he control y negotiated.	
Relinquished by: (Signature)		ature)	Date/Time	Relinquished by: (Signature)	ire) Received by	re)	Date/Time
	Unoth		\$10.22 Hole				

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Job Number: 890-2737-1 SDG Number: 03D2024014

List Source: Eurofins Carlsbad

Login Sample Receipt Checklist

Client: Ensolum

Login Number: 2737 List Number: 1 **Creator: Clifton, Cloe**

Question	Answer	Comment
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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is	N/A	

Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").

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Job Number: 890-2737-1 SDG Number: 03D2024014

List Source: Eurofins Midland

List Creation: 08/11/22 12:13 PM

Login Sample Receipt Checklist

Client: Ensolum

Login Number: 2737 List Number: 2 Creator: Rodriguez, Leticia

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is	N/A	

Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").

Received by OCD: 8/31/2022 3:37:32 PM

🔅 eurofins

Environment Testing America

ANALYTICAL REPORT

Eurofins Midland 1211 W. Florida Ave Midland, TX 79701 Tel: (432)704-5440

Laboratory Job ID: 880-9832-1

Laboratory Sample Delivery Group: 32.1390991, -103.362978 Client Project/Site: Montera Fed 601H

For:

WSP USA Inc. 2777 N. Stemmons Freeway Suite 1600 Dallas, Texas 75207

Attn: Kalei Jennings

RAMER

Authorized for release by: 1/11/2022 4:32:13 PM

Jessica Kramer, Project Manager (432)704-5440 jessica.kramer@eurofinset.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

LINKS **Review your project** results through Total Access **Have a Question?** Ask-The Expert

Visit us at: www.eurofinsus.com/Env Released to Imaging: 9/8/2022 12:41:01 PM

Laboratory Job ID: 880-9832-1 SDG: 32.1390991, -103.362978

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Job ID: 880-9832-1 SDG: 32.1390991, -103.362978

Qualifiers		3
		- - - -
GC VOA Qualifier	Qualifier Description	
F1	MS and/or MSD recovery exceeds control limits.	
F2	MS/MSD RPD exceeds control limits	5
S1+	Surrogate recovery exceeds control limits, high biased.	
U	Indicates the analyte was analyzed for but not detected.	
GC Semi VO		
Qualifier	Qualifier Description	
U	Indicates the analyte was analyzed for but not detected.	
HPLC/IC		8
Qualifier	Qualifier Description	
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not	9
	applicable.	
U	Indicates the analyte was analyzed for but not detected.	
Glossary		
Abbreviation	These commonly used abbreviations may or may not be present in this report.	11
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis	
%R	Percent Recovery	
CFL	Contains Free Liquid	
CFU	Colony Forming Unit	13
CNF	Contains No Free Liquid	
DER	Duplicate Error Ratio (normalized absolute difference)	
Dil Fac	Dilution Factor	

Dil Fa 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

Decision Level Concentration (Radiochemistry) DLC EDL Estimated Detection Limit (Dioxin)

LOD Limit of Detection (DoD/DOE)

LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level"

MDA Minimum Detectable Activity (Radiochemistry)

MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit ML Minimum Level (Dioxin)

MPN Most Probable Number

MQL Method Quantitation Limit

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent POS Positive / Present

PQL Practical Quantitation Limit

PRES Presumptive

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)

Toxicity Equivalent Quotient (Dioxin) TEQ

TNTC Too Numerous To Count

Eurofins Midland

4

5

Job ID: 880-9832-1 SDG: 32.1390991, -103.362978

Job ID: 880-9832-1

Client: WSP USA Inc.

Laboratory: Eurofins Midland

Project/Site: Montera Fed 601H

Narrative

Job Narrative 880-9832-1

Receipt

The samples were received on 1/4/2022 3:10 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.9°C

GC VOA

Method 8021B: 4-Bromofluorobenzene recovery for the following samples were outside the upper control limit: SS02 (880-9832-2), SS04 (880-9832-4) and (LCSD 880-16035/2-A).

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

GC Semi VOA

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

HPLC/IC

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

Job ID: 880-9832-1 SDG: 32.1390991, -103.362978

Lab Sample ID: 880-9832-1

Date Collected: 01/04/22 10:34							Matri	ix: Solid
ate Received: 01/04/22 15:10								
ample Depth: 0.5'								
Method: 8021B - Volatile Organio	c Compounds							
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00200		0.00200	mg/Kg		01/05/22 07:48	01/05/22 11:26	
Toluene	<0.00200		0.00200	mg/Kg		01/05/22 07:48	01/05/22 11:26	
Ethylbenzene	<0.00200		0.00200	mg/Kg		01/05/22 07:48	01/05/22 11:26	
m-Xylene & p-Xylene	<0.00200		0.00400	mg/Kg		01/05/22 07:48	01/05/22 11:26	
o-Xylene	<0.00400		0.00200	mg/Kg		01/05/22 07:48	01/05/22 11:26	
Xylenes, Total	<0.00200		0.00400	mg/Kg		01/05/22 07:48	01/05/22 11:26	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	104		70 - 130			01/05/22 07:48	01/05/22 11:26	
1,4-Difluorobenzene (Surr)	110		70 - 130			01/05/22 07:48	01/05/22 11:26	
Method: Total BTEX - Total BTE)	K Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00400	U	0.00400	mg/Kg			01/10/22 11:51	
Method: 8015 NM - Diesel Range	organics (DR	O) (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	647		50.0	mg/Kg			01/06/22 12:44	
Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)						
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/04/22 16:39	01/05/22 15:35	
Diesel Range Organics (Over C10-C28)	647		50.0	mg/Kg		01/04/22 16:39	01/05/22 15:35	
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/04/22 16:39	01/05/22 15:35	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
1-Chlorooctane	106		70 - 130			01/04/22 16:39	01/05/22 15:35	
o-Terphenyl	107		70 - 130			01/04/22 16:39	01/05/22 15:35	
Method: 300.0 - Anions, Ion Chro								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	30.9		4.95	mg/Kg			01/10/22 22:23	
lient Sample ID: SS02						Lab Sar	nple ID: 880-	9832-2
ate Collected: 01/04/22 10:37							Matri	ix: Solid
ate Received: 01/04/22 15:10								
ample Depth: 0.5'								
Method: 8021B - Volatile Organi	c Compounds	(GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00199	U	0.00199	mg/Kg	-	01/05/22 07:48	01/05/22 11:47	
Toluene	<0.00199	U	0.00199	mg/Kg		01/05/22 07:48	01/05/22 11:47	
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/05/22 07:48	01/05/22 11:47	
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/05/22 07:48	01/05/22 11:47	

m-Xylene & p-Xylene <0.00398 U 0.00398 mg/Kg 01/05/22 07:48 01/05/22 11:47 1 o-Xylene <0.00199 U 0.00199 01/05/22 07:48 01/05/22 11:47 mg/Kg 1 Xylenes, Total <0.00398 U 0.00398 mg/Kg 01/05/22 07:48 01/05/22 11:47 1 Surrogate %Recovery Qualifier Limits Prepared Dil Fac Analyzed 4-Bromofluorobenzene (Surr) 145 S1+ 70 - 130 01/05/22 07:48 01/05/22 11:47 1

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Client: WSP USA Inc. Project/Site: Montera Fed 601H

Client Sample ID: SS01

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Client Sample Results

Limits

70 - 130

RL

RL

49.9

0.00398

Unit

Unit

mg/Kg

mg/Kg

Job ID: 880-9832-1 SDG: 32.1390991, -103.362978

Lab Sample ID: 880-9832-2 trix: Solid

Prepared

D

D

Date Collected: 01/04/22 10:37 Date Received: 01/04/22 15:10 Sample Depth: 0.5'

1,4-Difluorobenzene (Surr)

Project/Site: Montera Fed 601H **Client Sample ID: SS02**

Client: WSP USA Inc.

Surrogate

Analyte

Analyte

Total TPH

Total BTEX

	Mat

Dil Fac

1

Prepared	Analyzed	Dil Fac
01/05/22 07:48	01/05/22 11:47	1
Prepared	Analyzed	Dil Fac
	01/10/22 11:51	1

Analyzed

01/06/22 12:44

Lab Sample ID: 880-9832-3

Matrix: Solid

Method: 8015B NM - Diesel	Range Organics (DRO) (GC)
A nalyte	Result Qualifier

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

Method: Total BTEX - Total BTEX Calculation

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

%Recovery Qualifier

Result Qualifier

Result Qualifier

<49.9 U

117

<0.00398 U

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9	mg/Kg		01/04/22 16:39	01/05/22 15:56	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<49.9	U	49.9	mg/Kg		01/04/22 16:39	01/05/22 15:56	1
C10-C28)								
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/04/22 16:39	01/05/22 15:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130			01/04/22 16:39	01/05/22 15:56	1
	84		70 - 130			01/04/22 16:39	01/05/22 15:56	1

Method: 300.0 - Anions, Ion Chron	hatography - Soluble						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.7	5.04	mg/Kg			01/10/22 22:33	1

Client Sample ID: SS03

Date Collected: 01/04/22 10:39 Date Received: 01/04/22 15:10 Sample Depth: 0.5'

Method: 8021B - Volatile Organi	c Compounds ((GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	< 0.00200	U	0.00200	mg/Kg		01/05/22 07:48	01/05/22 12:07	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/05/22 07:48	01/05/22 12:07	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/05/22 07:48	01/05/22 12:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/05/22 07:48	01/05/22 12:07	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/05/22 07:48	01/05/22 12:07	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/05/22 07:48	01/05/22 12:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130			01/05/22 07:48	01/05/22 12:07	1
1,4-Difluorobenzene (Surr)	90		70 - 130			01/05/22 07:48	01/05/22 12:07	1
– Method: Total BTEX - Total BTE	X Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			01/10/22 11:51	1
– Method: 8015 NM - Diesel Range	e Organics (DR	O) (GC)						
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	340		50.0	mg/Kg			01/06/22 12:44	1

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Released to Imaging: 9/8/2022 12:41:01 PM

Matrix: Solid

Client Sample Results

Job ID: 880-9832-1
SDG: 32.1390991, -103.362978

Lab Sample ID: 880-9832-3

Lab Sample ID: 880-9832-4

Matrix: Solid

Client Sample ID: SS03

Project/Site: Montera Fed 601H

Date Collected: 01/04/22 10:39 Date Received: 01/04/22 15:10

Sample Depth: 0.5'

Client: WSP USA Inc.

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/04/22 16:39	01/05/22 16:16	1
Diesel Range Organics (Over C10-C28)	340		50.0	mg/Kg		01/04/22 16:39	01/05/22 16:16	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/04/22 16:39	01/05/22 16:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130			01/04/22 16:39	01/05/22 16:16	1
o-Terphenyl	90		70 - 130			01/04/22 16:39	01/05/22 16:16	1

Method: 300.0 - Anions, ion Chrom	latography - Soluble						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.9	4.99	mg/Kg			01/11/22 14:29	1

Client Sample ID: SS04

Date Collected: 01/04/22 10:41 Date Received: 01/04/22 15:10

Sample Depth: 0.5'

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		01/05/22 07:48	01/05/22 12:27	1
Toluene	0.160		0.00198	mg/Kg		01/05/22 07:48	01/05/22 12:27	1
Ethylbenzene	0.0545		0.00198	mg/Kg		01/05/22 07:48	01/05/22 12:27	1
m-Xylene & p-Xylene	0.177		0.00397	mg/Kg		01/05/22 07:48	01/05/22 12:27	1
o-Xylene	0.0721		0.00198	mg/Kg		01/05/22 07:48	01/05/22 12:27	1
Xylenes, Total	0.249		0.00397	mg/Kg		01/05/22 07:48	01/05/22 12:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	161	S1+	70 - 130			01/05/22 07:48	01/05/22 12:27	1
1,4-Difluorobenzene (Surr)	85		70 - 130			01/05/22 07:48	01/05/22 12:27	1
	Result 0.464	Qualifier	RL 0.00397	Unit mg/Kg	D	Prepared	Analyzed 01/10/22 11:51	
Total BTEX Method: 8015 NM - Diesel Range	0.464 Organics (DR	0) (GC)	0.00397	mg/Kg		`	01/10/22 11:51	1
Total BTEX Method: 8015 NM - Diesel Range	0.464 Organics (DR		0.00397 RL		D	Prepared Prepared	01/10/22 11:51 Analyzed	1
Total BTEX Method: 8015 NM - Diesel Range Analyte	0.464 Organics (DR	0) (GC)	0.00397	mg/Kg		`	01/10/22 11:51	1
Total BTEX Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Rang	0.464 Organics (DR Result 1400 Je Organics (D	O) (GC) Qualifier RO) (GC)	0.00397	mg/Kg Unit mg/Kg	D	Prepared	01/10/22 11:51 Analyzed 01/06/22 12:44	1 Dil Fac
Total BTEX Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Rang	0.464 Organics (DR Result 1400 Je Organics (D) Result	O) (GC) Qualifier RO) (GC) Qualifier	0.00397 RL	mg/Kg Unit		`	01/10/22 11:51 Analyzed	1 Dil Fac
Total BTEX Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	0.464 Organics (DR Result 1400 Je Organics (D	O) (GC) Qualifier RO) (GC) Qualifier	0.00397	mg/Kg Unit mg/Kg	D	Prepared	01/10/22 11:51 Analyzed 01/06/22 12:44	Dil Fac
Total BTEX Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	0.464 Organics (DR Result 1400 Je Organics (D) Result	O) (GC) Qualifier RO) (GC) Qualifier	0.00397 	mg/Kg Unit mg/Kg Unit	D	Prepared	01/10/22 11:51 Analyzed 01/06/22 12:44 Analyzed	Dil Fac
Total BTEX Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	0.464 Organics (DR Result 1400 e Organics (D) Result <50.0 1400	O) (GC) Qualifier RO) (GC) Qualifier U	0.00397	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg	D	Prepared Prepared 01/04/22 16:39 01/04/22 16:39	01/10/22 11:51 Analyzed 01/06/22 12:44 Analyzed 01/05/22 16:37 01/05/22 16:37	Dil Fac
Total BTEX Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	0.464 Organics (DR Result 1400 Pe Organics (D) Result <50.0	O) (GC) Qualifier RO) (GC) Qualifier U	0.00397	mg/Kg Unit mg/Kg Unit mg/Kg	D	Prepared Prepared 01/04/22 16:39	01/10/22 11:51 Analyzed 01/06/22 12:44 Analyzed 01/05/22 16:37	Dil Fac
Analyte Total BTEX Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	0.464 Organics (DR Result 1400 e Organics (D) Result <50.0 1400	O) (GC) Qualifier RO) (GC) Qualifier U	0.00397	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg	D	Prepared Prepared 01/04/22 16:39 01/04/22 16:39	01/10/22 11:51 Analyzed 01/06/22 12:44 Analyzed 01/05/22 16:37 01/05/22 16:37	Dil Fac 1 Dil Fac 1 Dil Fac 1 1 Dil Fac

01/05/22 16:37

01/04/22 16:39

o-Terphenyl

70 - 130

105

		Client	Sample Res	sults					1
Client: WSP USA Inc. Project/Site: Montera Fed 601H						SDG: 3	Job ID: 880 2.1390991, -103		2
Client Sample ID: SS04 Date Collected: 01/04/22 10:41						Lab Sa	mple ID: 880- Matri	9832-4 ix: Solid	
Date Received: 01/04/22 15:10 Sample Depth: 0.5'									4
Method: 300.0 - Anions, Ion Chrom Analyte		Soluble Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	5
Chloride	62.9		4.97	mg/Kg			01/10/22 22:42	1	
									8
									9
									13

Eurofins Midland

Prep Type: Total/NA

Job ID: 880-9832-1 SDG: 32.1390991, -103.362978

Method: 8021B - Volatile Organic Compounds (GC) Matrix: Solid

				Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1		
Lab Sample ID	Client Sample ID	(70-130)	(70-130)		
880-9832-1	SS01	104	110		
880-9832-1 MS	SS01	119	117		
880-9832-1 MSD	SS01	118	105		- 22
880-9832-2	SS02	145 S1+	117		
880-9832-3	SS03	109	90		
880-9832-4	SS04	161 S1+	85		
LCS 880-16035/1-A	Lab Control Sample	116	107		
LCSD 880-16035/2-A	Lab Control Sample Dup	133 S1+	128		
MB 880-16035/5-A	Method Blank	100	105		
Surrogate Legend					

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
ab Sample ID	Client Sample ID	(70-130)	(70-130)	
0-9793-A-1-E MS	Matrix Spike	95	82	
0-9793-A-1-F MSD	Matrix Spike Duplicate	97	97	
0-9832-1	SS01	106	107	
9832-2	SS02	94	84	
832-3	SS03	99	90	
0-9832-4	SS04	100	105	

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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

Prep Type: Total/NA

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)						
		1CO2	OTPH2					
Lab Sample ID	Client Sample ID	(70-130)	(70-130)					
LCS 880-16017/2-A	Lab Control Sample	83	84					
LCSD 880-16017/3-A	Lab Control Sample Dup	93	87					
MB 880-16017/1-A	Method Blank	93	93					

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

32-1 2978

6

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QC Sample Results

Job ID: 880-9832-1 SDG: 32.1390991, -103.362978

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Prep Batch: 16035

Project/Site: Montera Fed 601H

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-16035/5-A	
Marchine Could a	

Matrix: Solid Analysis Batch: 16038

Client: WSP USA Inc.

Analysis Batch: 16038							Prep Batch	า: 16035
	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	< 0.00200	U	0.00200	mg/Kg		01/05/22 07:48	01/05/22 11:05	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/05/22 07:48	01/05/22 11:05	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/05/22 07:48	01/05/22 11:05	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/05/22 07:48	01/05/22 11:05	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/05/22 07:48	01/05/22 11:05	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/05/22 07:48	01/05/22 11:05	1
	МВ	МВ						
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130			01/05/22 07:48	01/05/22 11:05	1
1,4-Difluorobenzene (Surr)	105		70 - 130			01/05/22 07:48	01/05/22 11:05	1

Lab Sample ID: LCS 880-16035/1-A Matrix: Solid

Analysis Batch: 16038

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.07126		mg/Kg		71	70 - 130	
Toluene	0.100	0.07102		mg/Kg		71	70 - 130	
Ethylbenzene	0.100	0.07381		mg/Kg		74	70 - 130	
m-Xylene & p-Xylene	0.200	0.1596		mg/Kg		80	70 - 130	
o-Xylene	0.100	0.08193		mg/Kg		82	70 - 130	

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: LCSD 880-16035/2-A

Matrix: Solid

Analysis Batch: 16038							Prep	Batch:	16035
	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.07161		mg/Kg		72	70 - 130	0	35
Toluene	0.100	0.07438		mg/Kg		74	70 - 130	5	35
Ethylbenzene	0.100	0.08415		mg/Kg		84	70 - 130	13	35
m-Xylene & p-Xylene	0.200	0.1740		mg/Kg		87	70 - 130	9	35
o-Xylene	0.100	0.08829		mg/Kg		88	70 - 130	7	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130
1,4-Difluorobenzene (Surr)	128		70 - 130

Lab Sample ID: 880-9832-1 MS Matrix: Solid

Analysis Batch: 16038

Analysis Batch: 16038									Prep	Batch: 16035
	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U F2 F1	0.100	0.07479		mg/Kg		74	70 - 130	
Toluene	<0.00200	U F2 F1	0.100	0.06185	F1	mg/Kg		61	70 - 130	

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Client Sample ID: SS01

Prep Type: Total/NA

Released to Imaging: 9/8/2022 12:41:01 PM

Job ID: 880-9832-1 SDG: 32.1390991, -103.362978

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-9832-1 MS												Client Sampl	e ID:	SS01
Matrix: Solid												Prep Type	e: To	tal/NA
Analysis Batch: 16038												Prep Ba	tch:	16035
	Sample	Sam	ple	Spike	MS	MS						%Rec.		
Analyte	Result	Qual	ifier	Added	Result	Qualifi	er l	Jnit		D	%Rec	Limits		
Ethylbenzene	<0.00200	U F2	F1	0.100	0.04817	F1	r	ng/Kg			48	70 - 130		
m-Xylene & p-Xylene	<0.00400	U F2	F1	0.201	0.09237	F1	r	ng/Kg			45	70 - 130		
o-Xylene	<0.00200	U F2	F1	0.100	0.04840	F1	r	ng/Kg			48	70 - 130		
	MS	MS												
Surrogate	%Recovery	Qual	ifier	Limits										
4-Bromofluorobenzene (Surr)	119			70 - 130										
1,4-Difluorobenzene (Surr)	117			70 - 130										
- Lab Sample ID: 880-9832-1 MSI)											Client Sampl	e ID:	SS01
Matrix: Solid												Prep Type		
Analysis Batch: 16038												Prep Ba		
	Sample	Sam	ple	Spike	MSD	MSD						%Rec.		RPD
Analyte	Result	Qual	ifier	Added	Result	Qualifi	er l	Jnit		D	%Rec	Limits F	RPD	Limit
Benzene	<0.00200	U F2	F1	0.0996	0.05117	F2 F1	r	ng/Kg			51	70 - 130	38	35
Toluene	<0.00200	U F2	F1	0.0996	0.04211	F2 F1	r	ng/Kg			42	70 - 130	38	35
Ethylbenzene	<0.00200	U F2	F1	0.0996	0.02536	F2 F1	r	ng/Kg			25	70 - 130	62	35
m-Xylene & p-Xylene	<0.00400	U F2	F1	0.199	0.04725	F2 F1	r	ng/Kg			23	70 - 130	65	35
o-Xylene	<0.00200	U F2	F1	0.0996	0.02367	F2 F1	r	ng/Kg			23	70 - 130	69	35
	MSD	MSD												
Surrogate	%Recovery	Qual	ifier	Limits										
4-Bromofluorobenzene (Surr)	118			70 - 130										
1,4-Difluorobenzene (Surr)	105			70 - 130										
lethod: 8015B NM - Diesel	Range O	rgan	ics (DR	O) (GC)										
Leh Semple ID: MB 890 46047/4		_									Client Cr	male ID: Mot	hod	Plank
Lab Sample ID: MB 880-16017/1	- A										Shent Sa	ample ID: Met		
Matrix: Solid												Prep Type		
Analysis Batch: 16025												Prep Ba	tcn:	16017
• • •	_	MB							_	_				
Analyte			Qualifier		RL		Init		<u>D</u>		epared	Analyzed		Dil Fac
Gasoline Range Organics	•	<50.0	U	:	50.0	n	ng/Kg			01/04/	/22 16:39	01/05/22 11:5	1	1
(GRO)-C6-C10		<50.0			50.0	~	ng/Kg			01/04	/22 16:39	01/05/22 11:5	1	1
Diesel Range Organics (Over C10-C28)	<	\$00.0	0		50.0		ig/itg			01/01/	/22 10.03	01/05/22 11:5		

	MB	MB	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	93		70 - 130
o-Terphenyl	93		70 - 130

Lab Sample ID: LCS 880-16017/2-A Matrix: Solid

Analysis Batch: 16025							Prep B	atch: 16017	
	Spike	LCS	LCS				%Rec.		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics	1000	870.6		mg/Kg		87	70 _ 130		
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	815.1		mg/Kg		82	70 - 130		
C10-C28)									

Eurofins Midland

Prep Type: Total/NA

Prepared

01/04/22 16:39

Dil Fac

1

1

Analyzed

01/05/22 11:51

Client Sample ID: Lab Control Sample

01/04/22 16:39 01/05/22 11:51

QC Sample Results

Client: WSP USA Inc. Project/Site: Montera Fed 601H

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

Analysis Batch: 16025 Prep Batch: 16017 LCS LCS Surrogate %Recovery Qualifier Limits 1-Chlorooctane 83 70 - 130 o-Terphenyl 84 70 - 130 Lab Sample ID: LCSD 880-16017/3-A Client Sample ID: Lab Control Sample Dup Matrix: Solid Prep Type: Total/NA Analysis Batch: 16025 Spike LCSD LCSD %Rec. RPD Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit
Surrogate %Recovery Qualifier Limits 1-Chlorooctane 83 70 - 130 o-Terphenyl 84 70 - 130 Lab Sample ID: LCSD 880-16017/3-A Client Sample ID: Lab Control Sample Dup Matrix: Solid Prep Type: Total/NA Analysis Batch: 16025 Spike LCSD LCSD %Rec. RPD
1-Chlorooctane 83 70 - 130 o-Terphenyl 84 70 - 130 Lab Sample ID: LCSD 880-16017/3-A Client Sample ID: Lab Control Sample Dup Matrix: Solid Prep Type: Total/NA Analysis Batch: 16025 Prep Batch: 16017 Spike LCSD LCSD %Rec.
o-Terphenyl 84 70 - 130 Lab Sample ID: LCSD 880-16017/3-A Client Sample ID: Lab Control Sample Dup Matrix: Solid Prep Type: Total/NA Analysis Batch: 16025 Spike LCSD LCSD %Rec. RPD
Lab Sample ID: LCSD 880-16017/3-A Client Sample ID: Lab Control Sample Dup Matrix: Solid Prep Type: Total/NA Analysis Batch: 16025 Prep Batch: 16017 Spike LCSD LCSD %Rec.
Matrix: Solid Prep Type: Total/NA Analysis Batch: 16025 Prep Batch: 16017 Spike LCSD LCSD %Rec. RPD
Matrix: Solid Prep Type: Total/NA Analysis Batch: 16025 Prep Batch: 16017 Spike LCSD LCSD %Rec. RPD
Analysis Batch: 16025 Prep Batch: 16017 Spike LCSD LCSD %Rec. RPD
Spike LCSD LCSD %Rec. RPD
· ·
Analyte Added Result Qualifier Onit D %Rec Limits RPD Limit
Gasoline Range Organics 1000 892.4 mg/Kg 89 70 - 130 2 20
Gasoline Range Organics 1000 892.4 mg/Kg 89 70 - 130 2 20 (GRO)-C6-C10 20 89 70 - 130 2 20 20 20 20 20 20 20 20 20
Diesel Range Organics (Over 1000 822.4 mg/Kg 82 70 - 130 1 20
C10-C28)
LCSD LCSD
Surrogate %Recovery Qualifier Limits
1-Chlorooctane 93 70 - 130
o-Terphenyl 87 70 - 130
Lab Comple ID: 990.0702 A 4 E MC
Lab Sample ID: 880-9793-A-1-E MS Client Sample ID: Matrix Spike
Matrix: Solid Prep Type: Total/NA
Analysis Batch: 16025 Prep Batch: 16017
Sample Sample Spike MS MS %Rec.
Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits
Gasoline Range Organics <49.9 U 996 961.0 mg/Kg 96 70 - 130
(GRO)-C6-C10 Diesel Range Organics (Over <49.9 U 996 851.5 mg/Kg 85 70 - 130
C10-C28)
MS MS
Surrogate %Recovery Qualifier Limits
1-Chlorooctane 95 70 - 130
o-Terphenyl 82 70 - 130
Lab Sample ID: 880-9793-A-1-F MSD Client Sample ID: Matrix Spike Duplicate
Matrix: Solid Prep Type: Total/NA
Analysis Batch: 16025 Prep Batch: 16017
Sample Sample Spike MSD MSD %Rec. RPD
Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits RPD Limit
Gasoline Range Organics <49.9 U 999 976.0 mg/Kg 98 70 - 130 2 20 (GRO)-C6-C10 20
Diesel Range Organics (Over <49.9 U 999 909.7 mg/Kg 91 70 - 130 7 20
C10-C28)
MSD MSD
Surrogate %Recovery Qualifier Limits
$\frac{1-Chlorooctane}{1-Chlorooctane} \qquad \frac{97}{97} \qquad \frac{2}{70-130}$

 1-Chlorooctane
 97
 70 - 130

 o-Terphenyl
 97
 70 - 130

Job ID: 880-9832-1 SDG: 32.1390991, -103.362978

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Client: WSP USA Inc.

Project/Site: Montera Fed 601H

QC Sample Results

Job ID: 880-9832-1 SDG: 32.1390991, -103.362978

Method: 300.0 - Anions, Ion Chromatography

Matrix: Solid	A								Client	Sample ID: Prep	Method Type: S	
Analysis Batch: 16253												
-		MB MB										
Analyte	Re	esult Qual	ifier	RL		Unit		D	Prepared	Analyz	ed	Dil Fa
Chloride	<	5.00 U		5.00		mg/Ko)			01/10/22	21:23	
Lab Sample ID: LCS 880-16125/2	•							Clie	nt Comp	le ID: Lab Co	ontrol C	Somel
Matrix: Solid								Cile	in Samp		Type: S	
Analysis Batch: 16253												
			Spike			LCS		-		%Rec.		
Analyte Chloride			Addeo		266.5	Qualifier	Unit mg/Kg	[) %Rec 107	Limits 90 - 110		
			200		200.0		ing/itg		107	50 - 110		
Lab Sample ID: LCSD 880-16125	/ 3-A						Cli	ent Sa	mple ID	: Lab Contro	-	
Matrix: Solid										Prep	Type: S	Solubl
Analysis Batch: 16253			Spike	ł	LCSD	LCSD				%Rec.		RPI
Analyte			Addeo			Qualifier	Unit		%Rec	Limits	RPD	Limi
Chloride			250		267.8		mg/Kg		107	90 - 110	1	2
Lab Sample ID: 880-9831-A-9-C M	NS								Clier	nt Sample ID		-
Matrix: Solid Analysis Batch: 16253										Prep	Type: S	Solubi
Analysis Batch. 10255	Sample	Sample	Spike		MS	MS				%Rec.		
Analyte		Qualifier	Addeo		Result	Qualifier	Unit	0	%Rec	Limits		
Chloride	1070		250		1302	4	mg/Kg		95	90 - 110		
Chloride Lab Sample ID: 880-9831-A-9-D M Matrix: Solid			250		1302	4		Client		ID: Matrix Sp	bike Du Type: S	-
Chloride Lab Sample ID: 880-9831-A-9-D M	ISD	Sample				4 MSD		Client		ID: Matrix Sp		Soluble
Chloride Lab Sample ID: 880-9831-A-9-D M Matrix: Solid	ASD Sample	Sample Qualifier	25(Spike Addec	1	MSD			Client	Sample	ID: Matrix Sp Prep		Solubl
Chloride Lab Sample ID: 880-9831-A-9-D M Matrix: Solid Analysis Batch: 16253 Analyte	ASD Sample	•	Spike		MSD	MSD Qualifier	(Sample	ID: Matrix Sp Prep %Rec.	Type: S	Solubl RPI Lim
Chloride Lab Sample ID: 880-9831-A-9-D M Matrix: Solid Analysis Batch: 16253 Analyte Chloride	ASD Sample Result 1070	•	Spike Addec		MSD Result	MSD Qualifier	Unit		Sample MRec 91	ID: Matrix Sp Prep %Rec. Limits 90 - 110	Type: S RPD 1	Soluble RPI Limi
Chloride Lab Sample ID: 880-9831-A-9-D M Matrix: Solid Analysis Batch: 16253 Analyte Chloride Lab Sample ID: MB 880-16513/1-/	ASD Sample Result 1070	•	Spike Addec		MSD Result	MSD Qualifier	Unit		Sample MRec 91	ID: Matrix Sp Prep %Rec. Limits 90 - 110 Sample ID:	Type: S	RPI Lim 2 d Blan
Chloride Lab Sample ID: 880-9831-A-9-D M Matrix: Solid Analysis Batch: 16253 Analyte	ASD Sample Result 1070	•	Spike Addec		MSD Result	MSD Qualifier	Unit		Sample MRec 91	ID: Matrix Sp Prep %Rec. Limits 90 - 110 Sample ID:	Type: S RPD 1	RPI Lim 2 d Blan
Chloride Lab Sample ID: 880-9831-A-9-D M Matrix: Solid Analysis Batch: 16253 Analyte Chloride Lab Sample ID: MB 880-16513/1-, Matrix: Solid	ASD Sample Result 1070	•	Spike Addec		MSD Result	MSD Qualifier	Unit		Sample MRec 91	ID: Matrix Sp Prep %Rec. Limits 90 - 110 Sample ID:	Type: S	RPI Lim 2 d Blan
Chloride Lab Sample ID: 880-9831-A-9-D M Matrix: Solid Analysis Batch: 16253 Analyte Chloride Lab Sample ID: MB 880-16513/1-, Matrix: Solid Analysis Batch: 16514	ASD Sample Result 1070 A	Qualifier MB MB esult Qual	Spike Addec 250		MSD Result	MSD Qualifier	Unit		Sample MRec 91	ID: Matrix Sp Prep %Rec. Limits 90 - 110 Sample ID:	Type: § <u>RPD</u> 1 Method Type: §	RPI Limi 2 d Blani Soluble
Chloride Lab Sample ID: 880-9831-A-9-D M Matrix: Solid Analysis Batch: 16253 Analyte Chloride Lab Sample ID: MB 880-16513/1-, Matrix: Solid	ASD Sample Result 1070 A	Qualifier MB MB	Spike Addec 250		MSD Result	MSD Qualifier 4	Unit mg/Kg	<u>[</u>	Sample 9 %Rec 91 Client	ID: Matrix Sp Prep %Rec. Limits 90 - 110 Sample ID: Prep	Type: S <u>RPD</u> 1 Method Type: S red	RPI Limi 20 d Blani Soluble Dil Fa
Chloride Lab Sample ID: 880-9831-A-9-D M Matrix: Solid Analysis Batch: 16253 Analyte Chloride Lab Sample ID: MB 880-16513/1-, Matrix: Solid Analysis Batch: 16514 Analyte Chloride	ASD Sample Result 1070 A A	Qualifier MB MB esult Qual	Spike Addec 250	RL	MSD Result	MSD Qualifier 4	Unit mg/Kg	[Sample 0 %Rec 91 Client Prepared	ID: Matrix Sp Prep %Rec. Limits 90 - 110 Sample ID: Prep 	Type: S <u>RPD</u> 1 Method Type: S red 13:43	RPI Lim 2 d Blan Solubi Dil Fa
Chloride Lab Sample ID: 880-9831-A-9-D M Matrix: Solid Analysis Batch: 16253 Analyte Chloride Lab Sample ID: MB 880-16513/1-, Matrix: Solid Analysis Batch: 16514 Analyte Chloride Lab Sample ID: LCS 880-16513/2	ASD Sample Result 1070 A A	Qualifier MB MB esult Qual	Spike Addec 250	RL	MSD Result	MSD Qualifier 4	Unit mg/Kg	[Sample 0 %Rec 91 Client Prepared	ID: Matrix Sp Prep %Rec. Limits 90 - 110 Sample ID: Prep 	Type: S <u>RPD</u> 1 Method Type: S red 13:43	Solubi RPI Lim 2 d Blan Solubi Dil Fa
Chloride Lab Sample ID: 880-9831-A-9-D M Matrix: Solid Analysis Batch: 16253 Analyte Chloride Lab Sample ID: MB 880-16513/1-, Matrix: Solid Analysis Batch: 16514 Analyte	ASD Sample Result 1070 A A	Qualifier MB MB esult Qual	Spike Addec 250	RL	MSD Result	MSD Qualifier 4	Unit mg/Kg	[Sample 0 %Rec 91 Client Prepared	ID: Matrix Sp Prep %Rec. Limits 90 - 110 Sample ID: Prep 	Type: S <u>RPD</u> 1 Method Type: S red 13:43	RPI Lim 2 d Blan Solubl Dil Fa
Chloride Lab Sample ID: 880-9831-A-9-D M Matrix: Solid Analysis Batch: 16253 Analyte Chloride Lab Sample ID: MB 880-16513/1-/ Matrix: Solid Analysis Batch: 16514 Chloride Lab Sample ID: LCS 880-16513/2 Matrix: Solid Analysis Batch: 16514	ASD Sample Result 1070 A A	Qualifier MB MB esult Qual	Spike	RL 5.00	MSD Result 1293	MSD Qualifier 4 Unit mg/Kg	Unit mg/Kg	[Sample 0 %Rec 91 Client Prepared nt Samp	ID: Matrix Sp Prep %Rec. Limits 90 - 110 Sample ID: Prep Anaiyz 01/11/22 Ie ID: Lab Co Prep %Rec.	Type: S <u>RPD</u> 1 Method Type: S red 13:43	RPI Lim 2 d Blan Solubl Dil Fa
Chloride Lab Sample ID: 880-9831-A-9-D M Matrix: Solid Analysis Batch: 16253 Analyte Chloride Lab Sample ID: MB 880-16513/1- Matrix: Solid Analysis Batch: 16514 Analyte Chloride Lab Sample ID: LCS 880-16513/2 Matrix: Solid Analysis Batch: 16514 Analyte Analysis Batch: 16514 Analyte	ASD Sample Result 1070 A A	Qualifier MB MB esult Qual	Spike 250 ifier Spike Addec	RL 5.00	MSD Result 1293 LCS Result	MSD Qualifier 4 Unit mg/Kg	Unit mg/Kg	[Sample	ID: Matrix Sp Prep %Rec. Limits 90 - 110 Sample ID: Prep 	Type: S <u>RPD</u> 1 Method Type: S red 13:43	RPI Lim 2 d Blan Solubl Dil Fa
Chloride Lab Sample ID: 880-9831-A-9-D M Matrix: Solid Analysis Batch: 16253 Analyte Chloride Lab Sample ID: MB 880-16513/1- Matrix: Solid Analysis Batch: 16514 Analyte Chloride Lab Sample ID: LCS 880-16513/2 Matrix: Solid Analysis Batch: 16514 Analyte Analysis Batch: 16514 Analyte	ASD Sample Result 1070 A A	Qualifier MB MB esult Qual	Spike	RL 5.00	MSD Result 1293	MSD Qualifier 4 Unit mg/Kg	Unit mg/Kg	[Sample 0 %Rec 91 Client Prepared nt Samp	ID: Matrix Sp Prep %Rec. Limits 90 - 110 Sample ID: Prep Anaiyz 01/11/22 Ie ID: Lab Co Prep %Rec.	Type: S <u>RPD</u> 1 Method Type: S red 13:43	RPI Lim 2 d Blan Solubl Dil Fa
Chloride Lab Sample ID: 880-9831-A-9-D M Matrix: Solid Analysis Batch: 16253 Analyte Chloride Lab Sample ID: MB 880-16513/1- Matrix: Solid Analysis Batch: 16514 Analyte Chloride Lab Sample ID: LCS 880-16513/2 Matrix: Solid Analysis Batch: 16514 Analyte Chloride Chloride Chloride Chloride	ASD Sample Result 1070 A - - - - - - - - - - - - -	Qualifier MB MB esult Qual	Spike 250 ifier Spike Addec	RL 5.00	MSD Result 1293 LCS Result	MSD Qualifier 4 Unit mg/Kg	Unit mg/Kg	[Sample 9 9 0 0 0 0 0 0 0 0 0 0 0 0 0	ID: Matrix Sp Prep %Rec. Limits 90 - 110 Sample ID: Prep 	Type: S <u>RPD</u> 1 Method Type: S 2 2 2 2 2 3 3 4 3 4 3 4 3 4 3 4 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5	Solubi RPI Lim 2 d Blan Solubi Dil Fa Sample Solubi
Chloride Lab Sample ID: 880-9831-A-9-D M Matrix: Solid Analysis Batch: 16253 Analyte Chloride Lab Sample ID: MB 880-16513/1-, Matrix: Solid Analysis Batch: 16514 Analyte Chloride Lab Sample ID: LCS 880-16513/2 Matrix: Solid Analysis Batch: 16514 Analyte Chloride Lab Sample ID: LCSD 880-16513/3	ASD Sample Result 1070 A - - - - - - - - - - - - -	Qualifier MB MB esult Qual	Spike 250 ifier Spike Addec	RL 5.00	MSD Result 1293 LCS Result	MSD Qualifier 4 Unit mg/Kg	Unit mg/Kg	[Sample 9 9 0 0 0 0 0 0 0 0 0 0 0 0 0	ID: Matrix Sp Prep %Rec. Limits 90 - 110 Sample ID: Prep Analyz 01/11/22 Ie ID: Lab Co Prep %Rec. Limits 90 - 110 : Lab Contro	Type: S <u>RPD</u> 1 Method Type: S 2 2 2 2 2 3 3 4 3 4 3 4 3 4 3 4 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5	Solubi RPI Lim 2 d Blan Solubi Dil Fa Sample Solubi
Chloride Lab Sample ID: 880-9831-A-9-D M Matrix: Solid Analysis Batch: 16253 Analyte Chloride Lab Sample ID: MB 880-16513/1- Matrix: Solid Analysis Batch: 16514 Analyte Chloride Lab Sample ID: LCS 880-16513/2 Matrix: Solid	ASD Sample Result 1070 A - - - - - - - - - - - - -	Qualifier MB MB esult Qual	Spike Addec 250 ifier Spike Addec 250	RL 5.00	MSD Result 1293 LCS Result 254.0	MSD Qualifier 4 Unit mg/Kg LCS Qualifier	Unit mg/Kg	[Sample 9 9 0 0 0 0 0 0 0 0 0 0 0 0 0	ID: Matrix Sp Prep %Rec. Limits 90 - 110 Sample ID: Prep Analyz 01/11/22 Ie ID: Lab Co Prep %Rec. Limits 90 - 110 : Lab Contro Prep	Type: S <u>RPD</u> 1 Method Type: S ced 13:43 control S Type: S J Samp	Soluble RPE Limi 20 Blank Soluble Dil Fac Soluble Soluble
Chloride Lab Sample ID: 880-9831-A-9-D M Matrix: Solid Analysis Batch: 16253 Analyte Chloride Lab Sample ID: MB 880-16513/1-, Matrix: Solid Analysis Batch: 16514 Chloride Lab Sample ID: LCS 880-16513/2 Matrix: Solid Analysis Batch: 16514 Analyte Chloride Lab Sample ID: LCSD 880-16513, Matrix: Solid	ASD Sample Result 1070 A - - - - - - - - - - - - -	Qualifier MB MB esult Qual	Spike 250 ifier Spike Addec	RL 5.00	MSD Result 1293 LCS Result 254.0	MSD Qualifier 4 Unit mg/Kg	Unit mg/Kg	[Sample 9 <u>%Rec</u> 91 Client Prepared nt Samp 9 <u>%Rec</u> 102 102	ID: Matrix Sp Prep %Rec. Limits 90 - 110 Sample ID: Prep Analyz 01/11/22 Ie ID: Lab Co Prep %Rec. Limits 90 - 110 : Lab Contro	Type: S <u>RPD</u> 1 Method Type: S ced 13:43 control S Type: S J Samp	Soluble RPC Limi 20 d Blank Soluble Dil Fac Sample Soluble

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QC Sample Results

Client: WSP USA Inc. Project/Site: Montera Fed 601H

Job ID: 880-9832-1 SDG: 32.1390991, -103.362978

Method: 300.0 - Anions, Ion Chromatography

ab Sample ID: 880-9832-3 MS Client Sample ID: S03 latrix: Solid Prep Type: Soluble nalysis Batch: 16514 Sample horide 13.9 250 282.8 Qualifier Unit D %Rec. Image: Sample ID: 880-9832-3 MSD Client Sample ID: 880-9832-3 MSD latrix: Solid Sample ID: 880-9832-3 MSD Client Sample ID: SS03 latrix: Solid Prep Type: Soluble nalyte Sample Sample Sample Sample Sample Spike MSD horide 13.9 250 282.8 Client Sample ID: SS03 Prep Type: Soluble Prep Type: Soluble Prep Type: Soluble nalyte Result Qualifier Added Result Qualifier Unit D %Rec. RPD horide 13.9 250 280.9 mg/Kg 107 90.110 1 20									Client Sar	nnlo ID.	6603	
Analysis Batch: 16514 Sample Sample Spike MS MS MS %Rec. nalyte Result Qualifier Added Result Qualifier Unit D %Rec. Limits												
SampleSampleSpikeMSMS%Rec.nalyteResultQualifierAddedResultQualifierUnitD%Rec.hloride13.9250282.8QualifierUnitD%RecLimitsab Sample ID: 880-9832-3 MSD latrix: Solid .nalysis Batch: 16514SampleSpikeMSDKSDClient Sample ID: SS03 .Prep Type: Solubleab SampleSampleSpikeMSDMSD%Rec.RPDnalyteResultQualifierAddedResultQualifierUnitD%Rec.RPDLimitsResultQualifierAddedResultQualifierUnitD%Rec.LimitsRPD									Ргер	Type: 50	olupie	
nalyteResultQualifierAddedResultQualifierUnitD%RecLimitsnloride13.9250282.8mg/Kg10890 - 110ab Sample ID: 880-9832-3 MSD latrix: Solid nalysis Batch: 16514EClient Sample ID: SS03 Prep Type: SolubleSampleSampleSpikeMSDMSD%Rec.RPDnalyteResultQualifierAddedResultQualifierUnitD%Rec.RPDLimitsClient SampleSpikeMSDMSDSpikeMSDSpikeRPDnalyteResultQualifierAddedResultQualifierUnitD%RecLimitsRPD	Comula	0-mmla	Calles	ме					% Doo			
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Sample Spike MSD MSD %Rec. RPD alyte Result Qualifier Added Result Qualifier Unit D %Rec Limits RPD Limits												
	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD	
loride 13.9 250 280.9 mg/Kg 107 90 - 110 1 20	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
	13.9		250	280.9		mg/Kg		107	90 _ 110	1	20	
	-	Result 13.9 Sample Result	ResultQualifier13.9SampleResultQualifier	ResultQualifierAdded13.9250SampleSampleSampleSpikeResultQualifierAdded	ResultQualifierAddedResult13.9250282.8SampleSampleSpikeMSDResultQualifierAddedResult	ResultQualifierAddedResultQualifier13.9250282.8282.8SampleSampleSpikeMSDResultQualifierAddedResultQualifierAddedResultQualifier	ResultQualifierAddedResultQualifierUnit13.9250282.8282.8mg/KgSampleSampleSpikeMSDMSDResultQualifierAddedResultQualifierUnit	ResultQualifierAddedResultQualifierUnitD13.9250282.8282.8mg/Kg1SampleSampleSpikeMSDMSDResultQualifierAddedResultQualifierUnitD	ResultQualifierAddedResultQualifierUnitD%Rec13.9250282.8282.8mg/Kg108SampleSampleSpikeMSDMSDResultQualifierAddedResultQualifierUnitD%Rec%Rec%Rec%Rec%Rec%Rec%Rec%Rec%Rec%Rec%Result%Rec%Rec%Rec%Rec	Sample Sample Spike MS MS MS D %Rec. Limits MR 13.9 Qualifier Added Result Qualifier Unit D %Rec. Limits 90 - 110 13.9 Z50 Z82.8 MSD Kg Client Sam Prep Sample Sample Spike MSD MSD %Rec. Limits Sample Qualifier Added Result Qualifier Unit D %Rec.	Sample Sample Spike MS MS MS MS	Sample Sample Spike MS MS MS D %Rec. Result Qualifier Added Result Qualifier Unit D %Rec Limits

Eurofins Midland

QC Association Summary

Client: WSP USA Inc. Project/Site: Montera Fed 601H

Job ID: 880-9832-1 SDG: 32.1390991, -103.362978

GC VOA

Prep Batch: 16035

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9832-1	SS01	Total/NA	Solid	5035	
880-9832-2	SS02	Total/NA	Solid	5035	
880-9832-3	SS03	Total/NA	Solid	5035	
880-9832-4	SS04	Total/NA	Solid	5035	
MB 880-16035/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-16035/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-16035/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-9832-1 MS	SS01	Total/NA	Solid	5035	
880-9832-1 MSD	SS01	Total/NA	Solid	5035	

Analysis Batch: 16038

LUSD 880-16035/2-A	Lab Control Sample Dup	Total/INA	Solid	5035		
880-9832-1 MS	SS01	Total/NA	Solid	5035		8
880-9832-1 MSD	SS01	Total/NA	Solid	5035		
Analysis Batch: 16038						9
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch	10
880-9832-1	SS01	Total/NA	Solid	8021B	16035	
880-9832-2	SS02	Total/NA	Solid	8021B	16035	44
880-9832-3	SS03	Total/NA	Solid	8021B	16035	
880-9832-4	SS04	Total/NA	Solid	8021B	16035	12
MB 880-16035/5-A	Method Blank	Total/NA	Solid	8021B	16035	
LCS 880-16035/1-A	Lab Control Sample	Total/NA	Solid	8021B	16035	40
LCSD 880-16035/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	16035	13
880-9832-1 MS	SS01	Total/NA	Solid	8021B	16035	
880-9832-1 MSD	SS01	Total/NA	Solid	8021B	16035	14

Analysis Batch: 16426

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method Prep Batch
880-9832-1	SS01	Total/NA	Solid	Total BTEX
880-9832-2	SS02	Total/NA	Solid	Total BTEX
880-9832-3	SS03	Total/NA	Solid	Total BTEX
880-9832-4	SS04	Total/NA	Solid	Total BTEX

GC Semi VOA

Prep Batch: 16017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9832-1	SS01	Total/NA	Solid	8015NM Prep	
880-9832-2	SS02	Total/NA	Solid	8015NM Prep	
880-9832-3	SS03	Total/NA	Solid	8015NM Prep	
880-9832-4	SS04	Total/NA	Solid	8015NM Prep	
MB 880-16017/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-16017/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-16017/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-9793-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-9793-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 16025

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-9832-1	SS01	Total/NA	Solid	8015B NM	16017
880-9832-2	SS02	Total/NA	Solid	8015B NM	16017
880-9832-3	SS03	Total/NA	Solid	8015B NM	16017
880-9832-4	SS04	Total/NA	Solid	8015B NM	16017
MB 880-16017/1-A	Method Blank	Total/NA	Solid	8015B NM	16017
LCS 880-16017/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	16017

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QC Association Summary

Client: WSP USA Inc. Project/Site: Montera Fed 601H

GC Semi VOA (Continued)

Analysis Batch: 16025 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-16017/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	16017
880-9793-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	16017
880-9793-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	16017
Analysis Batch: 16143					

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-9832-1	SS01	Total/NA	Solid	8015 NM	
880-9832-2	SS02	Total/NA	Solid	8015 NM	
880-9832-3	SS03	Total/NA	Solid	8015 NM	
880-9832-4	SS04	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 16125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9832-1	SS01	Soluble	Solid	DI Leach	
880-9832-2	SS02	Soluble	Solid	DI Leach	
880-9832-4	SS04	Soluble	Solid	DI Leach	
MB 880-16125/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-16125/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-16125/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-9831-A-9-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-9831-A-9-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 16253

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-9832-1	SS01	Soluble	Solid	300.0	16125
880-9832-2	SS02	Soluble	Solid	300.0	16125
880-9832-4	SS04	Soluble	Solid	300.0	16125
MB 880-16125/1-A	Method Blank	Soluble	Solid	300.0	16125
LCS 880-16125/2-A	Lab Control Sample	Soluble	Solid	300.0	16125
LCSD 880-16125/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	16125
880-9831-A-9-C MS	Matrix Spike	Soluble	Solid	300.0	16125
880-9831-A-9-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	16125

Leach Batch: 16513

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-9832-3	SS03	Soluble	Solid	DI Leach	
MB 880-16513/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-16513/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-16513/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-9832-3 MS	SS03	Soluble	Solid	DI Leach	
880-9832-3 MSD	SS03	Soluble	Solid	DI Leach	

Analysis Batch: 16514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9832-3	SS03	Soluble	Solid	300.0	16513
MB 880-16513/1-A	Method Blank	Soluble	Solid	300.0	16513
LCS 880-16513/2-A	Lab Control Sample	Soluble	Solid	300.0	16513
LCSD 880-16513/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	16513
880-9832-3 MS	SS03	Soluble	Solid	300.0	16513

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Job ID: 880-9832-1

SDG: 32.1390991, -103.362978

Eurofins Midland

QC Association Summary

Client: WSP USA Inc. Project/Site: Montera Fed 601H Job ID: 880-9832-1 SDG: 32.1390991, -103.362978

HPLC/IC (Continued)

Analysis Batch: 16514 (Continued)

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch	
880-9832-3 MSD	SS03	Soluble	Solid	300.0	16513	

Eurofins Midland

Released to	Imaging:	9/8/2022	12:41:01	РМ	

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Job ID: 880-9832-1 SDG: 32.1390991, -103.362978

Lab Sample ID: 880-9832-1 Matrix: Solid

Lab Sample ID: 880-9832-2

Lab Sample ID: 880-9832-3

Lab Sample ID: 880-9832-4

Matrix: Solid

Matrix: Solid

Date Collected: 01/04/22 10:34 Date Received: 01/04/22 15:10

Client Sample ID: SS01

Project/Site: Montera Fed 601H

Client: WSP USA Inc.

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	16035	01/05/22 07:48	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16038	01/05/22 11:26	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16426	01/10/22 11:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16143	01/06/22 12:44	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16017	01/04/22 16:39	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16025	01/05/22 15:35	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	16125	01/06/22 11:35	СН	XEN MID
Soluble	Analysis	300.0		1			16253	01/10/22 22:23	СН	XEN MID

Client Sample ID: SS02

Date Collected: 01/04/22 10:37

Date Received: 01/04/22 15:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	16035	01/05/22 07:48	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16038	01/05/22 11:47	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16426	01/10/22 11:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16143	01/06/22 12:44	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	16017	01/04/22 16:39	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16025	01/05/22 15:56	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	16125	01/06/22 11:35	СН	XEN MID
Soluble	Analysis	300.0		1			16253	01/10/22 22:33	СН	XEN MID

Client Sample ID: SS03

Date Collected: 01/04/22 10:39

Date Received: 01/04/22 15:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	16035	01/05/22 07:48	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16038	01/05/22 12:07	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16426	01/10/22 11:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16143	01/06/22 12:44	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16017	01/04/22 16:39	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16025	01/05/22 16:16	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	16513	01/11/22 11:37	СН	XEN MID
Soluble	Analysis	300.0		1			16514	01/11/22 14:29	CH	XEN MID

Client Sample ID: SS04 Date Collected: 01/04/22 10:41 Date Received: 01/04/22 15:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	16035	01/05/22 07:48	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16038	01/05/22 12:27	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16426	01/10/22 11:51	AJ	XEN MID

Eurofins Midland

Matrix: Solid

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Released to Imaging: 9/8/2022 12:41:01 PM

Job ID: 880-9832-1

Matrix: Solid

SDG: 32.1390991, -103.362978

Lab Sample ID: 880-9832-4

Lab Chronicle

Client: WSP USA Inc. Project/Site: Montera Fed 601H

Client Sample ID: SS04 Date Collected: 01/04/22 10:41

Date Received: 01/04/22 15:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			16143	01/06/22 12:44	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16017	01/04/22 16:39	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16025	01/05/22 16:37	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	16125	01/06/22 11:35	СН	XEN MID
Soluble	Analysis	300.0		1			16253	01/10/22 22:42	СН	XEN MID

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Midland

Accreditation/Certification Summary

Client: WSP USA Inc. Project/Site: Montera Fed 601H Job ID: 880-9832-1 SDG: 32.1390991, -103.362978

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority		Program	Identification Number	Expiration Date	
xas	N	IELAP	T104704400-21-22	06-30-22	
The following analytes	are included in this report, b	out the laboratory is not certifi	ed by the governing authority. This list ma	ay include analytes for wh	
the agency does not o		N . 12	A		
• ,	ffer certification . Prep Method	Matrix	Analyte		
the agency does not o		Matrix Solid	Analyte Total TPH		

Eurofins Midland

Released to Imaging: 9/8/2022 12:41:01 PM

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Method Summary

Client: WSP USA Inc. Project/Site: Montera Fed 601H Job ID: 880-9832-1 SDG: 32.1390991, -103.362978

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions. SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates. TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Midland

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Job ID: 880-9832-1 SDG: 32.1390991, -103.362978

Client: WSP USA Inc. Project/Site: Montera Fed 601H

Matrix	Collected	Received	Depth	
				3
		•	500. 52. 1550551, -105.502570	

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth	
880-9832-1	SS01	Solid	01/04/22 10:34	01/04/22 15:10	0.5'	A
880-9832-2	SS02	Solid	01/04/22 10:37	01/04/22 15:10	0.5'	
880-9832-3	SS03	Solid	01/04/22 10:39	01/04/22 15:10	0.5'	5
880-9832-4	SS04	Solid	01/04/22 10:41	01/04/22 15:10	0.5'	
						8
						9
						12
						13

Revised Date 101419 Rev 2019 1						
		6	0			5
			4-22 1510	, R	Autor	" Madre Corcean
Date/Time) Received by (Signature)	Relinquished by (Signature)	Date/Time	ture)	Received by (Signature)	Relinquished by (Signature)
	e due to circumstances beyond the control forced unless previously negotiated.	ad by the client if such losses are due to analyzed. These terms will be enforced u	losses or expenses incurre ubmitted to Xenco, but not a	responsibility for an \$5 for each sample s	of samples and shall not assume any pplied to each project and a charge of	of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.
1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/			client company to Xenco its	purchase order from	shment of samples constitutes a valid	Notice Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco. its affiliates and sub-contractors
I V Zn	oNiK Se Ag Si	Cd Ca Cr Co Cu Fe	Al Sb As Ba Be B		20: 8RCRA 13PPM Texas	Total 200.7 / 6010 200.8 / 6020: Circle Method(s) and Metal(s) to be analyzed
		/			_	
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			& * *	¢	¥ 1041	5204
					1039	5503
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				0 5,	SL 1-4-22 1034	5501
Sample Comments			Code BT CH	Depth	Matrix Sampled Sampled	Sample Identification
lab if received by 4 30pm			EX	ber		
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Zn Acetate+ NaOH Zn	Zn Acet		ΕP,		Ð	Seals Yes No
Me	МеОН Ме		_) [1 Thermometer ID	\sim
Na	NaOH Na		60	Yes No	Temp Blank. Yes No Wet Ice	CEIPT
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Preservative Codes		ANALYSIS REQUEST		Turn Around		Project Name Movies Red 401H
Other ⁻	Deliverables EDD 🕅 ADaPT 🗆		Kaler. Jennings@ wsp com		2503 Email	Phone [8]7-2503
	Reporting Level Level PST/US	Re		City State ZIP	TATOS	city, State ZIP Mudland, TX
	State of Project			Address.	A shreet, Bldg 1, Unit 222	Address 3300 North A sheet, Bug
RR Superfund	Program UST/PST PRP Brownfield RR	Pr		Company Name		Company Name WSP AUSA
nts	Work Order Comments			Bill to (if different)	Jennings	Project Manager KA/CI
le f f	www.xenco.com Page	449-8800	Atlanta GA (770) 449-8800			
		Tampa, FL (813) 620-2000 Tallahassee FL (850) 756-0747 Delray Beach, FL (561) 689-6701	00 Tallahassee FL (850)	npa, FL (813) 620-20	Таг	
iustody	34 880-9832 Chain of Custody	Houston TX (281) 240-4200 Dallas TX (214) 902-0300 San Antonio TX (210) 509-3334 Midland TX (432) 704-5440 EL Paso TX (915) 585-3443 Lubbock, TX (806) 794-1296 Hobbs NM (575) 392 7550 Carlshad NM (575) 988-3100 Phoenix A7 (480) 355 000	4200 Dallas TX (214) 90: 4-5440 EL Paso TX (915) 7550 Carlshad NM (575)	uston TX (281) 240 Midland TX (432) 70 Hobbs NM (575) 393		LABORA
		ıstody	Chain of Custody	_		
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Login Sample Receipt Checklist

Client: WSP USA Inc.

Job Number: 880-9832-1

List Source: Eurofins Midland

SDG Number: 32.1390991, -103.362978

Login Number: 9832
List Number: 1
Creator: Rodriguez, Leticia
Question

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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.	N/A	
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").	N/A	



APPENDIX E

NMOCD Notifications

Released to Imaging: 9/8/2022 12:41:01 PM

From:	Nobui, Jennifer, EMNRD
То:	Kalei Jennings
Cc:	Bratcher, Mike, EMNRD; Hamlet, Robert, EMNRD; Harimon, Jocelyn, EMNRD
Subject:	FW: [EXTERNAL] COP- Sampling Notification (Week of 5/23/22-5/27/22)
Date:	Thursday, May 19, 2022 12:29:01 PM
Attachments:	image001.png
	image002.png
	image003.png
	image004.png

[**EXTERNAL EMAIL**]

Kalei,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks, Jennifer Nobui

From: Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>
Sent: Thursday, May 19, 2022 10:40 AM
To: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Hamlet, Robert, EMNRD
<Robert.Hamlet@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>;
Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Subject: Fw: [EXTERNAL] COP- Sampling Notification (Week of 5/23/22-5/27/22)

From: Kalei Jennings <<u>kjennings@ensolum.com</u>>
Sent: Thursday, May 19, 2022 10:21 AM
To: Enviro, OCD, EMNRD <<u>OCD.Enviro@state.nm.us</u>>
Cc: Beauvais, Charles R <<u>Charles.R.Beauvais@conocophillips.com</u>>
Subject: [EXTERNAL] COP- Sampling Notification (Week of 5/23/22-5/27/22)

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

All,

COP plans to complete final sampling activities at the following sites the week of May 23, 2022.

Monday

- Mortarboard Federal Com 013H / NAPP2206950640
- Montera Federal 10M CTB / NAPP2135442784

Tuesday

• Montera Federal 10M CTB / NAPP2135442784

Wednesday

• Macho Nacho 002H / NAPP200644754

Thursday

• Macho Nacho 002H / NAPP200644754

Friday

Thank you,



Kalei Jennings Senior Scientist 817-683-2503 Ensolum, LLC



APPENDIX F

Final C-141

Released to Imaging: 9/8/2022 12:41:01 PM

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Page 105 of 111

Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	NAPP2135442784
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	COG Operating, LLC	OGRID	229137		
Contact Name	Kelsy Waggaman	Contact Telephone	(432) 688-9057		
Contact email	Kelsy.Waggaman@Conocophillips.com Incident # (assigned by OCD) NAPP2135442784				
Contact mailing address	600 West Illinois Avenue, Midland, Texas 79701				

Location of Release Source

Latitude

32.1390991

Longitude -103.3629782

(NAD 83 in decimal degrees to 5 decimal places)

Date Release Discovered December 6, 2021 API# (if applicable)	Site Name	Montera Federal 10M CTB	Site Type	Tank Battery
	Date Release Discovered	December 6, 2021	API# (if applicable)	

Unit Letter	Section	Township	Range	County
М	10	25S	35E	Lea

Surface Owner: State Federal Tribal Private (Name: Tap Rock NM 10 Minerals, LLC)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

Crude Oil	Volume Released (bbls) 0.25	Volume Recovered (bbls) 0
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
🗌 Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

The release was caused by a incorrectly bypassed valve.

No fluid was recovered due to the fire burning off and standing fluid. The release resulted in a flare fire on the pad. ConocoPhillips will have the area evaluated for any possible impact from the release.

<i>eived by OCD: 8/31/202</i> m C-141	22 3:37:32 PM State of New Mexico		In aid and ID	Page 106 of
e 2	Oil Conservation Division	on	Incident ID District RP	NAPP2135442784
			Facility ID	
			Application ID	
Was this a major	If YES, for what reason(s) does the r	esponsible party conside	r this a major release?	1
elease as defined by	The release involved a fire.	1 1 2	5	
19.15.29.7(A) NMAC?				
Yes 🗌 No				
		F 1 0 W/1 11	1 / / 1	<u>'1 ()</u> 0
	notice given to the OCD? By whom? T	•	· ·	
ocd.enviro@state.r				
	Initia	l Response		
The responsible	party must undertake the following actions imm	ediately unless they could creat	te a safety hazard that woul	ld result in injury
The source of the rel	ease has been stonned			
	as been secured to protect human healt	n and the environment		
	ave been contained via the use of berm			
		s or dikes absorbent had	s or other containment	nt devices
				nt devices.
All free liquids and 1	recoverable materials have been remove	ed and managed appropri		nt devices.
All free liquids and 1		ed and managed appropri		nt devices.
All free liquids and 1	recoverable materials have been remove	ed and managed appropri		nt devices.
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All free liquids and 1	recoverable materials have been remove	ed and managed appropri		nt devices.
All free liquids and 1	recoverable materials have been remove	ed and managed appropri		nt devices.
All free liquids and n If all the actions describe	recoverable materials have been remove ed above have <u>not</u> been undertaken, exp	ed and managed appropri	ately.	
All free liquids and n If all the actions describe Per 19.15.29.8 B. (4) NM has begun, please attach	recoverable materials have been remove	ed and managed appropri plain why: nce remediation immedia edial efforts have been so	ately. ately after discovery ouccessfully completed	of a release. If remediation l or if the release occurred
All free liquids and n If all the actions describe Per 19.15.29.8 B. (4) NN has begun, please attach within a lined containme I hereby certify that the info	AAC the responsible party may comme a narrative of actions to date. If reme ent area (see 19.15.29.11(A)(5)(a) NMA	ed and managed appropri plain why: nce remediation immedia edial efforts have been su AC), please attach all info o the best of my knowledge	ately. ately after discovery of accessfully completed rmation needed for cl	of a release. If remediation l or if the release occurred osure evaluation. rsuant to OCD rules and
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P												
M						L48 Spill Vo	lume Estimate	Form				
	Facility Name & Number: Montera Fed 10M											
			Asset Area:	Delaware basin east								
	Relea	ase Disc	covery Date & Time:	12/6/21 @6PM						NAPP2	2135442784	
			Release Type:	Oil								
Provid	de any kn	own deta	ails about the event:	Oil Spill out of the flare	9							
					Spi	II Calculation	- On Pad Surface	Pool Spill		-		
Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Deepest point in each of the areas (in.)	No. of boundaries of "shore" in each area	Estimated <u>Pool</u> Area (sq. ft.)	Estimated Average Depth (ft.)	Estimated volume of each pool area (bbl.)	Penetration allowance (ft.)	Total Estimated Volume of Spill (bbl.)	Percentage of Oil if Spilled Fluid is a Mixture	Total Estimated Volume of Spilled Oil (bbl.)	Total Estimated Volume of Spilled Liquid other than Oil (bbl.)
Rectangle A	18.0	9.0	0.10	1	162.000	0.008	0.240	0.000	0.240			
Rectangle B					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle C					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle D					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle E					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle F					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle G					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle H					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle I					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle J					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
			8°					Total Volume Release:	0.240			

Released to Imaging: 9/8/2022 12:41:01

Received by OCD: 8/31/2022 3:37:32 PM Form C-141 State of New Mexico

Page 3

Oil Conservation Division

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Incident ID	NAPP2135442784
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>50-100 (</u> ft bgs)
Did this release impact groundwater or surface water?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🛛 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🛛 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🗌 Yes 🛛 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🛛 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🛛 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🛛 No
Did the release impact areas not on an exploration, development, production, or storage site?	🗌 Yes 🖂 No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: Each of the following items must be included in the report.

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- \square Depth to water determination
- Determination of water sources and significant watercourses within ¹/₂-mile of the lateral extents of the release
- \boxtimes Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Received by OCD: 8/31/2	022 3:37:32 PM State of New Mexico			Page 109 of 111
F0fm C-141			Incident ID	NAPP2135442784
Page 4	Oil Conservation Division	n	District RP	
			Facility ID	
			Application ID	
regulations all operators ar public health or the enviro failed to adequately invest addition, OCD acceptance and/or regulations. Printed Name:Char Signature:Charles R		otifications and perform c e OCD does not relieve th hreat to groundwater, surf of responsibility for comp _ Title: _Senior Envi _ Date:09/02/2022	orrective actions for rele e operator of liability sh ace water, human health oliance with any other fe ronmental Engineer2	eases which may endanger ould their operations have or the environment. In deral, state, or local laws
	vais@conocophillips.com	_ Telephone:575	-988-2043	
OCD Only Received by: Joce	yn Harimon	Date: <u>08/</u> 3	31/2022	

Page 6

Oil Conservation Division

Page 110 of 111

Incident ID	NAPP2135442784
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

<u>Closure Report Attachment Checklist</u> : Each of the following i	items must be included in the closure report.
\square A scaled site and sampling diagram as described in 19.15.29.1	11 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certai may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rep human health or the environment. In addition, OCD acceptance of	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in DCD when reclamation and re-vegetation are complete. Title:Senior Environmental Engineer Date:09/02/2022
OCD Only Jocelyn Harimon Received by:	08/31/2022 Date:
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible for regulations.
Closure Approved by:	Date:09/08/2022
Printed Name: Jennifer Nobui	Title: Environmental Specialist A

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	139990
	Action Type:
	[C-141] Release Corrective Action (C-141)
CONDITIONS	

Created	Condition	Condition
Ву		Date
jnobui	Closure Report Approved.	9/8/2022

CONDITIONS

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Action 139990