Form C-141
Page 3

State of New Mexico
Oil Conservation Division

Incident ID	
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?	51'-100' (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
☒ Depth to water determination
☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
☒ 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.

Form C-141 State of New Mexico
Page 4 Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Joseph Guesnier Title: Office managers

Signature: [signature] Date: 11-29-22

email: JRGuesnier@Terracon.com Telephone: 806 544 9276

OCD Only

Received by: ______________________ Date: ______________

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

☒ Detailed description of proposed remediation technique
☒ Scaled sitemap with GPS coordinates showing delineation points
☒ Estimated volume of material to be remediated
☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

☒ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

☒ Extents of contamination must be fully delineated.

☒ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Joseph Gresnier Title: Office Manager

Signature: [signature] Date: 11-29-22

email: JRGuesnier@Terrawa.com Telephone: 806-544-9276

OCD Only

Received by: ______________________ Date: ______________

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: ______________________ Date: ______________

Wagner Oil Company
Salt Mountain 36 State #1 Battery
D, S36, T26S, R29E
NMOCD Reference # nRM1935736827
Terracon Project # KH227006

Amended Remedial Action Plan

Attn: Mr. David Reeves
P: 817-335-2222
E: dreeves@wagneroil.com

RE: **Amended Remedial Action Plan**
Salt Mountain 36 State #1 Battery
Unit D, Section 36, Township 26 South, Range 29 East
Eddy County, New Mexico
Terracon Project No. KH227006

Dear Mr. Reeves,

Terracon Consultants, Inc. (Terracon) is pleased to submit our Amended Remedial Action Plan (RAP) for the site referenced above. The RAP was developed in accordance with and guidance from the New Mexico Oil Conservation Division (NMOCD) regulations concerning clean-up actions required for releases of crude oil and produced water. Based on the release investigation assessment, Terracon recommends the following actions be taken to achieve protection of fresh water and the environment in accordance with NMOCD regulations. Terracon developed the RAP in general accordance with our scope of work (KH227006) dated August 8, 2022.

Action Items

Anticipated Actions

1)	Complete remediation as previously outlined in the Hungry Horse work plan dated July, 2020.
2)	All soil stockpiles onsite will be placed on plastic and bermed around the edges to reduce loss.
3)	All confirmation samples will be collected every 200 sq. ft.
4)	Remedial activities around soil sample location (VS) will be terminated when a sample is collected below the NMOCD RAL's for chloride, or a competent rock layer is encountered.
5)	Following Remedial activities all areas off the production pad will be brought to surrounding grade and reseeded.

Completed Actions

1)	Horizontal delineation of the release was achieved.
2)	Vertical delineation of the release was attempted, but encountered consolidated rock that did not allow for further delineation at soil sample location (VS)
3)	All conditions needed for approval of work plan have been met.
4)	

Wagner Oil Company
Salt Mountain 36 State #1 Battery
D, S36, T26S, R29E
NMOCD Reference # nRM1935736827

Terracon appreciates this opportunity to provide environmental services to Wagner Oil Company (Wagner). Should you have any questions or require additional information, please do not hesitate to contact our office.

Sincerely,
Terracon Consultants, Inc.

Joseph Guesnier
Senior Staff Scientist
Office Manager – Carlsbad

Erin Loyd, P.G. (TX)
Principal
Office Manager – Lubbock

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APPENDIX A – EXHIBITS AND TABLES

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS - BTEX[1], Chloride[2], and TPH[3]
Project Name: Salt Mountain 36 State #1 Battery
Terracon Project No. KH227006

Sample I.D.	Sample Depth (ft. bgs)	Sample Type	Sample Date	BTEX (mg/kg)	Chloride (mg/kg)	TPH (8015M) (mg/kg)			
						GRO	DRO	MRO	TOTAL
Initial Release Margin Samples (Off Pad)									
E1	0-0.5'	Grab	08/15/22	Benzene - ND Total BTEX - ND	73.7	ND	ND	ND	ND
E2	0-0.5'	Grab	08/15/22	Benzene - ND Total BTEX - ND	45.4	ND	ND	ND	ND
E3	0-0.5'	Grab	08/15/22	Benzene - ND Total BTEX - ND	28.9	ND	ND	ND	ND
E4	0-0.5'	Grab	08/15/22	Benzene - ND Total BTEX - ND	8.23	ND	ND	ND	ND
S1	0-0.5'	Grab	08/15/22	Benzene - ND Total BTEX - ND	11.3	ND	ND	ND	ND
S2	0-0.5'	Grab	08/15/22	Benzene - ND Total BTEX - ND	18.1	ND	ND	ND	ND
S3	0-0.5'	Grab	08/15/22	Benzene - ND Total BTEX - ND	9.9	ND	ND	ND	ND
S4	0-0.5'	Grab	08/15/22	Benzene - ND Total BTEX - ND	9.97	ND	ND	ND	ND
N1	0-0.5'	Grab	08/15/22	Benzene - ND Total BTEX - ND	24.3	ND	ND	ND	ND
N2	0-0.5'	Grab	08/15/22	Benzene - ND Total BTEX - ND	64.1	ND	ND	ND	ND
N3	0-0.5'	Grab	08/15/22	Benzene - ND Total BTEX - ND	27.7	ND	ND	ND	ND
N4	0-0.5'	Grab	08/15/22	Benzene - ND Total BTEX - ND	34.4	ND	57.9	ND	57.9
W1	0-0.5'	Grab	08/15/22	Benzene - ND Total BTEX - ND	8.56	ND	ND	ND	ND
W2	0-0.5'	Grab	08/15/22	Benzene - ND Total BTEX - ND	8.97	ND	ND	ND	ND
W3	0-0.5'	Grab	08/15/22	Benzene - ND Total BTEX - ND	8.14	ND	ND	ND	ND
W4	0-0.5'	Grab	08/15/22	Benzene - ND Total BTEX - ND	12.9	ND	ND	ND	ND
VS	0-1'	Grab	08/15/22	Benzene - ND Total BTEX - ND	**2,400**	ND	55.8	ND	55.8
VS	1'-2'	Grab	08/15/22	Benzene - ND Total BTEX - ND	**1,630**	ND	74.6	ND	74.6
VS	2'-3'	Grab	08/15/22	Benzene - ND Total BTEX - ND	**2,240**	ND	ND	ND	ND
VS	3'-4'	Grab	08/15/22	Benzene - ND Total BTEX - ND	**2,780**	ND	ND	ND	ND
VS	4'-5'	Grab	08/15/22	Benzene - ND Total BTEX - ND	**848**	ND	ND	ND	ND
VS	5'-6'	Grab	08/15/22	Benzene - ND Total BTEX - ND	**2,100**	ND	ND	ND	ND
NMOCD Reclamation Standards[4] **(Applicable for Soils from the Surface to 4 ft. Below Grade Surface)**				**Benzene - 10** **Toluene - N/A** **Ethylbenzene - N/A** **Total Xylenes - N/A** **Total BTEX - 50**	**600**	**N/A**			**100**
NMOCD Remediation and Delineation Standards[5] **(Applicable for Soils at Depths Greater than 4 ft. Below Grade Surface)**				**Benzene - 10** **Toluene - N/A** **Ethylbenzene - N/A** **Total Xylenes - N/A** **Total BTEX - 50**	**600**	**N/A**			**100**

1. BTEX = Benzene, toluene, ethylbenzene, total xylenes analyzed by EPA Method 8021B

2. Chloride = Chloride analyzed by EPA Method 300.

3. TPH = Total petroleum hydrocarbons analyzed by EPA Method 8015M (GRO/DRO/MRO)

4. New Mexico Administration Code (NMAC) Restoration, Reclamation, and Re-vegetation (19.15.29.13) New Mexico Administration Code (NMAC) – D (Reclamation of areas no longer in use) for soils extending to 4 ft. bgs

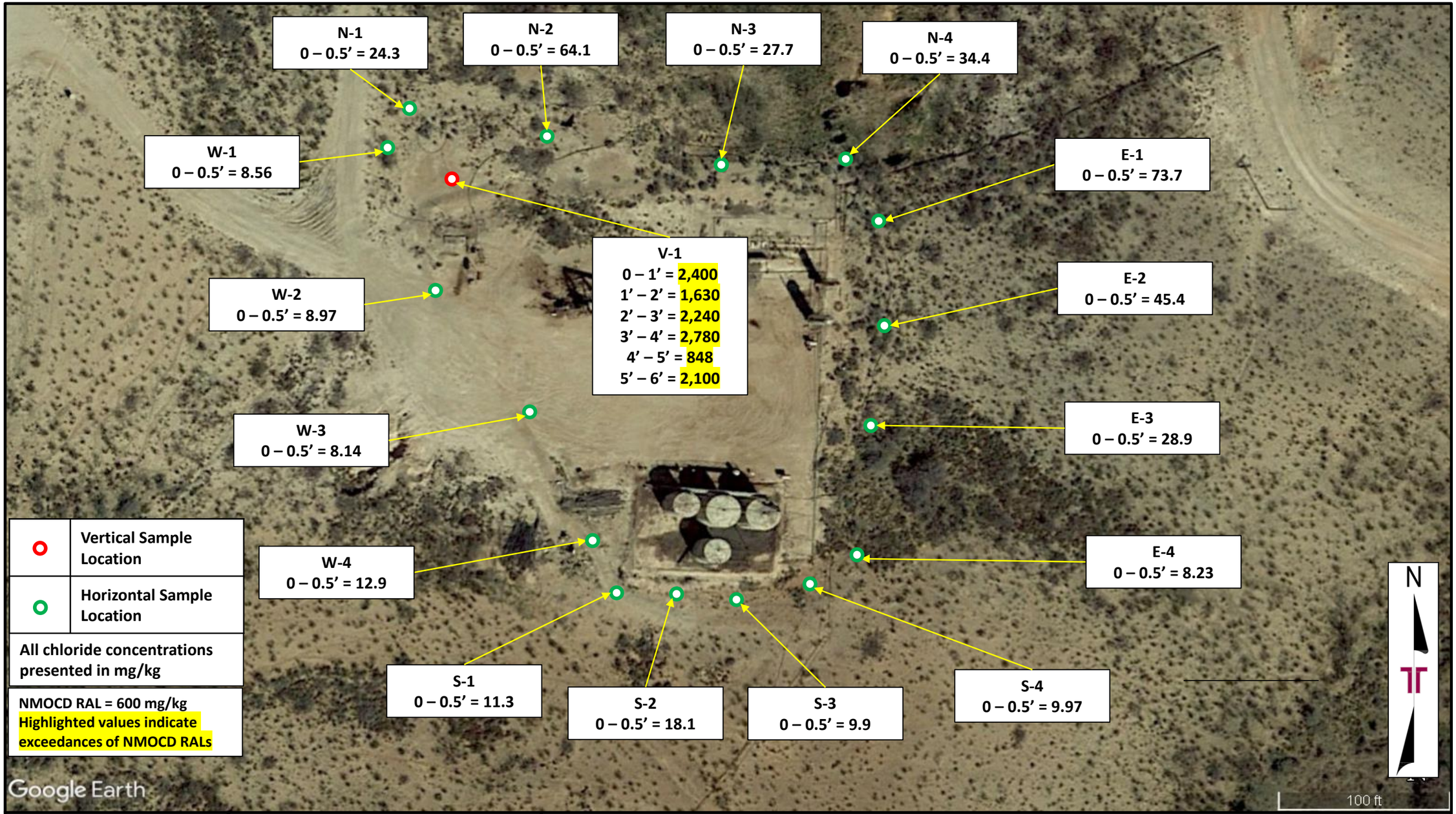
5. New Mexico Oil Conservation Division (NMOCD) Remediation and Delineation Standards are proposed in 19.15.29.12 NMAC - N, 8/14/2018

< = Constituent not detected above the indicated laboratory SDL

NA = Not Analyzed

N/A = Not Applicable

Bold and Highlight denotes concentrations that exceed the New Mexico Oil Conservation Division (NMOCD) Reclamation and/or Remediation and Delineation Standards.



Project No.	KH227006
Scale:	As Shown
Source:	Google Earth
Image Date:	4/1/2016

Terracon
Consulting Engineers & Scientists
4518 W. Pierce St. Carlsbad, New Mexico 88220
PH. (575) 689-4020 FAX. (806)797 0947

Figure 3 – Chloride Concentration Map

Salt Mountain 36 State #1 Battery
32.0033913°, -103.9447403°
Eddy County, New Mexico

APPENDIX B – ANALYTICAL REPORT AND CHAIN OF CUSTODY

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 890-2757-1
Laboratory Sample Delivery Group: KH227006
Client Project/Site: Salt Mountain 36 State #1 Battery

For:
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Attn: Joseph Guesnier

JKRAMER

Authorized for release by:
8/29/2022 1:03:23 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.

Table of Contents

Definitions/Glossary

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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.
¤	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
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"
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)

Definitions/Glossary

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Job ID: 890-2757-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-2757-1

Receipt
The samples were received on 8/15/2022 4:36 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 3.2°C

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-32705 and analytical batch 880-33040 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.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-32705 and analytical batch 880-33040 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: VS (890-2757-13). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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 for the following sample was outside control limits: (LCS 880-32291/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-32291 and analytical batch 880-32193 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (880-18225-A-6-A), (880-18225-A-6-B MS) and (880-18225-A-6-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: S4 (890-2757-5). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: VS (890-2757-14), VS (890-2757-15) and VS (890-2757-16). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-32292 and analytical batch 880-32195 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-32394 and analytical batch 880-32384 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

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

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-32303 and analytical batch 880-32376 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because

Case Narrative

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Job ID: 890-2757-1 (Continued)

Laboratory: Eurofins Carlsbad (Continued)

the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Client Sample ID: W4

Lab Sample ID: 890-2757-1
Matrix: Solid
Date Collected: 08/15/22 10:58
Date Received: 08/15/22 16:36
Sample Depth: 0.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/20/22 16:19	08/26/22 20:17	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/20/22 16:19	08/26/22 20:17	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/20/22 16:19	08/26/22 20:17	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/20/22 16:19	08/26/22 20:17	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/20/22 16:19	08/26/22 20:17	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/20/22 16:19	08/26/22 20:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*08/20/22 16:19*	*08/26/22 20:17*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*08/20/22 16:19*	*08/26/22 20:17*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/29/22 12:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/22 08:20	08/17/22 14:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		08/17/22 08:20	08/17/22 14:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 08:20	08/17/22 14:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*123*		*70 - 130*	*08/17/22 08:20*	*08/17/22 14:45*	*1*
o-Terphenyl	*116*		*70 - 130*	*08/17/22 08:20*	*08/17/22 14:45*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.9**		5.00		mg/Kg			08/23/22 02:18	1

Client Sample ID: W3

Lab Sample ID: 890-2757-2
Matrix: Solid
Date Collected: 08/15/22 11:00
Date Received: 08/15/22 16:36
Sample Depth: 0.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/20/22 16:19	08/26/22 20:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/20/22 16:19	08/26/22 20:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/20/22 16:19	08/26/22 20:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/20/22 16:19	08/26/22 20:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/20/22 16:19	08/26/22 20:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/20/22 16:19	08/26/22 20:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*08/20/22 16:19*	*08/26/22 20:43*	*1*

Eurofins Carlsbad

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Client Sample ID: W3

Lab Sample ID: 890-2757-2
Matrix: Solid
Date Collected: 08/15/22 11:00
Date Received: 08/15/22 16:36
Sample Depth: 0.5

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*08/20/22 16:19*	*08/26/22 20:43*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/29/22 12:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/22 08:20	08/17/22 15:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		08/17/22 08:20	08/17/22 15:07	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 08:20	08/17/22 15:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*08/17/22 08:20*	*08/17/22 15:07*	*1*
o-Terphenyl	*113*		*70 - 130*	*08/17/22 08:20*	*08/17/22 15:07*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.14**		4.99		mg/Kg			08/23/22 02:45	1

Client Sample ID: W2

Lab Sample ID: 890-2757-3
Matrix: Solid
Date Collected: 08/15/22 11:02
Date Received: 08/15/22 16:36
Sample Depth: 0.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/20/22 16:19	08/26/22 21:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/20/22 16:19	08/26/22 21:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/20/22 16:19	08/26/22 21:09	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/20/22 16:19	08/26/22 21:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/20/22 16:19	08/26/22 21:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/20/22 16:19	08/26/22 21:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*08/20/22 16:19*	*08/26/22 21:09*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*08/20/22 16:19*	*08/26/22 21:09*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/29/22 12:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/22 09:47	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Client Sample ID: W2

Lab Sample ID: 890-2757-3
Matrix: Solid
Date Collected: 08/15/22 11:02
Date Received: 08/15/22 16:36
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/22 08:20	08/17/22 15:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		08/17/22 08:20	08/17/22 15:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 08:20	08/17/22 15:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*08/17/22 08:20*	*08/17/22 15:29*	*1*
o-Terphenyl	*104*		*70 - 130*	*08/17/22 08:20*	*08/17/22 15:29*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.97**		4.98		mg/Kg			08/23/22 02:54	1

Client Sample ID: W1

Lab Sample ID: 890-2757-4
Matrix: Solid
Date Collected: 08/15/22 11:04
Date Received: 08/15/22 16:36
Sample Depth: 0.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/20/22 16:19	08/26/22 21:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/20/22 16:19	08/26/22 21:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/20/22 16:19	08/26/22 21:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/20/22 16:19	08/26/22 21:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/20/22 16:19	08/26/22 21:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/20/22 16:19	08/26/22 21:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*08/20/22 16:19*	*08/26/22 21:34*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*08/20/22 16:19*	*08/26/22 21:34*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/29/22 12:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/17/22 08:20	08/17/22 19:51	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		08/17/22 08:20	08/17/22 19:51	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/17/22 08:20	08/17/22 19:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*08/17/22 08:20*	*08/17/22 19:51*	*1*
o-Terphenyl	*114*		*70 - 130*	*08/17/22 08:20*	*08/17/22 19:51*	*1*

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Client Sample ID: W1

Lab Sample ID: 890-2757-4
Matrix: Solid

Date Collected: 08/15/22 11:04
Date Received: 08/15/22 16:36
Sample Depth: 0.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.56		4.95		mg/Kg			08/23/22 03:04	1

Client Sample ID: S4

Lab Sample ID: 890-2757-5
Matrix: Solid

Date Collected: 08/15/22 11:06
Date Received: 08/15/22 16:36
Sample Depth: 0.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/26/22 22:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/26/22 22:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/26/22 22:00	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/20/22 16:19	08/26/22 22:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/26/22 22:00	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/20/22 16:19	08/26/22 22:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*08/20/22 16:19*	*08/26/22 22:00*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*08/20/22 16:19*	*08/26/22 22:00*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/29/22 12:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/22 08:21	08/17/22 14:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/22 08:21	08/17/22 14:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 08:21	08/17/22 14:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*74*		*70 - 130*	*08/17/22 08:21*	*08/17/22 14:24*	*1*
o-Terphenyl	*67*	*S1-*	*70 - 130*	*08/17/22 08:21*	*08/17/22 14:24*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.97		5.00		mg/Kg			08/23/22 03:13	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Client Sample ID: S3

Lab Sample ID: 890-2757-6
Matrix: Solid
Date Collected: 08/15/22 11:08
Date Received: 08/15/22 16:36
Sample Depth: 0.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/26/22 22:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/26/22 22:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/26/22 22:26	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/20/22 16:19	08/26/22 22:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/26/22 22:26	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/20/22 16:19	08/26/22 22:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*08/20/22 16:19*	*08/26/22 22:26*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*08/20/22 16:19*	*08/26/22 22:26*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/29/22 12:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/22 08:21	08/17/22 14:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/22 08:21	08/17/22 14:45	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 08:21	08/17/22 14:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*82*		*70 - 130*	*08/17/22 08:21*	*08/17/22 14:45*	*1*
o-Terphenyl	*75*		*70 - 130*	*08/17/22 08:21*	*08/17/22 14:45*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.90**		4.97		mg/Kg			08/23/22 03:41	1

Client Sample ID: S2

Lab Sample ID: 890-2757-7
Matrix: Solid
Date Collected: 08/15/22 11:10
Date Received: 08/15/22 16:36
Sample Depth: 0.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/20/22 16:19	08/26/22 22:51	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/20/22 16:19	08/26/22 22:51	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/20/22 16:19	08/26/22 22:51	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/20/22 16:19	08/26/22 22:51	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/20/22 16:19	08/26/22 22:51	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/20/22 16:19	08/26/22 22:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*08/20/22 16:19*	*08/26/22 22:51*	*1*

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Client Sample ID: S2

Lab Sample ID: 890-2757-7
Matrix: Solid
Date Collected: 08/15/22 11:10
Date Received: 08/15/22 16:36
Sample Depth: 0.5

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*08/20/22 16:19*	*08/26/22 22:51*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/29/22 12:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/22 08:21	08/17/22 15:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/22 08:21	08/17/22 15:07	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 08:21	08/17/22 15:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*08/17/22 08:21*	*08/17/22 15:07*	*1*
o-Terphenyl	*102*		*70 - 130*	*08/17/22 08:21*	*08/17/22 15:07*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18.1**		4.95		mg/Kg			08/23/22 03:50	1

Client Sample ID: S1

Lab Sample ID: 890-2757-8
Matrix: Solid
Date Collected: 08/15/22 11:12
Date Received: 08/15/22 16:36
Sample Depth: 0.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/26/22 23:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/26/22 23:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/26/22 23:17	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/20/22 16:19	08/26/22 23:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/26/22 23:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/20/22 16:19	08/26/22 23:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*08/20/22 16:19*	*08/26/22 23:17*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*08/20/22 16:19*	*08/26/22 23:17*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/29/22 12:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/22 09:47	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Client Sample ID: S1

Lab Sample ID: 890-2757-8
Matrix: Solid
Date Collected: 08/15/22 11:12
Date Received: 08/15/22 16:36
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/22 08:21	08/17/22 15:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/22 08:21	08/17/22 15:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 08:21	08/17/22 15:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*08/17/22 08:21*	*08/17/22 15:29*	*1*
o-Terphenyl	*86*		*70 - 130*	*08/17/22 08:21*	*08/17/22 15:29*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.3**		5.04		mg/Kg			08/23/22 03:59	1

Client Sample ID: N4

Lab Sample ID: 890-2757-9
Matrix: Solid
Date Collected: 08/15/22 11:14
Date Received: 08/15/22 16:36
Sample Depth: 0.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/20/22 16:19	08/26/22 23:43	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/20/22 16:19	08/26/22 23:43	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/20/22 16:19	08/26/22 23:43	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/20/22 16:19	08/26/22 23:43	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/20/22 16:19	08/26/22 23:43	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/20/22 16:19	08/26/22 23:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*08/20/22 16:19*	*08/26/22 23:43*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*08/20/22 16:19*	*08/26/22 23:43*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			08/29/22 12:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/22 08:21	08/17/22 15:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/22 08:21	08/17/22 15:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 08:21	08/17/22 15:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*82*		*70 - 130*	*08/17/22 08:21*	*08/17/22 15:51*	*1*
o-Terphenyl	*78*		*70 - 130*	*08/17/22 08:21*	*08/17/22 15:51*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Client Sample ID: N4

Lab Sample ID: 890-2757-9
Matrix: Solid
Date Collected: 08/15/22 11:14
Date Received: 08/15/22 16:36
Sample Depth: 0.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.23		4.99		mg/Kg			08/23/22 04:08	1

Client Sample ID: N3

Lab Sample ID: 890-2757-10
Matrix: Solid
Date Collected: 08/15/22 11:16
Date Received: 08/15/22 16:36
Sample Depth: 0.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/20/22 16:19	08/27/22 00:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/20/22 16:19	08/27/22 00:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/20/22 16:19	08/27/22 00:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/20/22 16:19	08/27/22 00:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/20/22 16:19	08/27/22 00:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/20/22 16:19	08/27/22 00:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*08/20/22 16:19*	*08/27/22 00:09*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*08/20/22 16:19*	*08/27/22 00:09*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/29/22 12:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/17/22 08:21	08/17/22 16:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/17/22 08:21	08/17/22 16:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/17/22 08:21	08/17/22 16:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*08/17/22 08:21*	*08/17/22 16:34*	*1*
o-Terphenyl	*82*		*70 - 130*	*08/17/22 08:21*	*08/17/22 16:34*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.9		4.98		mg/Kg			08/23/22 04:18	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Client Sample ID: N2

Lab Sample ID: 890-2757-11
Matrix: Solid

Date Collected: 08/15/22 11:18
Date Received: 08/15/22 16:36
Sample Depth: 0.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/20/22 16:19	08/27/22 01:52	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/20/22 16:19	08/27/22 01:52	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/20/22 16:19	08/27/22 01:52	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/20/22 16:19	08/27/22 01:52	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/20/22 16:19	08/27/22 01:52	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/20/22 16:19	08/27/22 01:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*08/20/22 16:19*	*08/27/22 01:52*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*08/20/22 16:19*	*08/27/22 01:52*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			08/29/22 12:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/22 08:21	08/17/22 16:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/22 08:21	08/17/22 16:56	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 08:21	08/17/22 16:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*81*		*70 - 130*	*08/17/22 08:21*	*08/17/22 16:56*	*1*
o-Terphenyl	*77*		*70 - 130*	*08/17/22 08:21*	*08/17/22 16:56*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**45.4**		4.95		mg/Kg			08/23/22 04:27	1

Client Sample ID: N1

Lab Sample ID: 890-2757-12
Matrix: Solid

Date Collected: 08/15/22 11:20
Date Received: 08/15/22 16:36
Sample Depth: 0.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/27/22 02:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/27/22 02:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/27/22 02:18	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/20/22 16:19	08/27/22 02:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/27/22 02:18	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/20/22 16:19	08/27/22 02:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*08/20/22 16:19*	*08/27/22 02:18*	*1*

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Client Sample ID: N1

Lab Sample ID: 890-2757-12
Matrix: Solid

Date Collected: 08/15/22 11:20
Date Received: 08/15/22 16:36
Sample Depth: 0.5

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*08/20/22 16:19*	*08/27/22 02:18*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/29/22 12:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/17/22 08:21	08/17/22 17:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/17/22 08:21	08/17/22 17:18	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/17/22 08:21	08/17/22 17:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*08/17/22 08:21*	*08/17/22 17:18*	*1*
o-Terphenyl	*92*		*70 - 130*	*08/17/22 08:21*	*08/17/22 17:18*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**73.7**		5.00		mg/Kg			08/23/22 04:54	1

Client Sample ID: VS

Lab Sample ID: 890-2757-13
Matrix: Solid

Date Collected: 08/15/22 11:22
Date Received: 08/15/22 16:36
Sample Depth: 0.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/20/22 16:19	08/27/22 02:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/20/22 16:19	08/27/22 02:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/20/22 16:19	08/27/22 02:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/20/22 16:19	08/27/22 02:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/20/22 16:19	08/27/22 02:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/20/22 16:19	08/27/22 02:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*	*08/20/22 16:19*	*08/27/22 02:44*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*08/20/22 16:19*	*08/27/22 02:44*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/29/22 12:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**57.9**		49.9		mg/Kg			08/18/22 09:47	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Client Sample ID: VS

Lab Sample ID: 890-2757-13
Matrix: Solid
Date Collected: 08/15/22 11:22
Date Received: 08/15/22 16:36
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/17/22 08:21	08/17/22 17:40	1
Diesel Range Organics (Over C10-C28)	**57.9**		49.9		mg/Kg		08/17/22 08:21	08/17/22 17:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/17/22 08:21	08/17/22 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*08/17/22 08:21*	*08/17/22 17:40*	*1*
o-Terphenyl	*72*		*70 - 130*	*08/17/22 08:21*	*08/17/22 17:40*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**34.4**		4.99		mg/Kg			08/23/22 05:04	1

Client Sample ID: VS

Lab Sample ID: 890-2757-14
Matrix: Solid
Date Collected: 08/15/22 11:24
Date Received: 08/15/22 16:36
Sample Depth: 0.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/27/22 03:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/27/22 03:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/27/22 03:10	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/20/22 16:19	08/27/22 03:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/27/22 03:10	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/20/22 16:19	08/27/22 03:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*08/20/22 16:19*	*08/27/22 03:10*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*08/20/22 16:19*	*08/27/22 03:10*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/29/22 12:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/22 08:21	08/17/22 18:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/22 08:21	08/17/22 18:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 08:21	08/17/22 18:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*69*	*S1-*	*70 - 130*	*08/17/22 08:21*	*08/17/22 18:02*	*1*
o-Terphenyl	*64*	*S1-*	*70 - 130*	*08/17/22 08:21*	*08/17/22 18:02*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Client Sample ID: VS

Lab Sample ID: 890-2757-14
Matrix: Solid
Date Collected: 08/15/22 11:24
Date Received: 08/15/22 16:36
Sample Depth: 0.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.7		5.01		mg/Kg			08/23/22 05:31	1

Client Sample ID: VS

Lab Sample ID: 890-2757-15
Matrix: Solid
Date Collected: 08/15/22 11:26
Date Received: 08/15/22 16:36
Sample Depth: 0.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/20/22 16:19	08/27/22 03:36	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/20/22 16:19	08/27/22 03:36	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/20/22 16:19	08/27/22 03:36	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/20/22 16:19	08/27/22 03:36	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/20/22 16:19	08/27/22 03:36	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/20/22 16:19	08/27/22 03:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*08/20/22 16:19*	*08/27/22 03:36*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*08/20/22 16:19*	*08/27/22 03:36*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/29/22 12:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/22 08:21	08/17/22 18:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/22 08:21	08/17/22 18:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 08:21	08/17/22 18:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*60*	*S1-*	*70 - 130*	*08/17/22 08:21*	*08/17/22 18:24*	*1*
o-Terphenyl	*54*	*S1-*	*70 - 130*	*08/17/22 08:21*	*08/17/22 18:24*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	64.1		4.98		mg/Kg			08/23/22 05:40	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Client Sample ID: VS

Lab Sample ID: 890-2757-16
Matrix: Solid
Date Collected: 08/15/22 11:28
Date Received: 08/15/22 16:36
Sample Depth: 0.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/20/22 16:19	08/27/22 04:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/20/22 16:19	08/27/22 04:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/20/22 16:19	08/27/22 04:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/20/22 16:19	08/27/22 04:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/20/22 16:19	08/27/22 04:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/20/22 16:19	08/27/22 04:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*08/20/22 16:19*	*08/27/22 04:01*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*08/20/22 16:19*	*08/27/22 04:01*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/29/22 12:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/17/22 08:21	08/17/22 18:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/17/22 08:21	08/17/22 18:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/17/22 08:21	08/17/22 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*58*	*S1-*	*70 - 130*	*08/17/22 08:21*	*08/17/22 18:46*	*1*
o-Terphenyl	*51*	*S1-*	*70 - 130*	*08/17/22 08:21*	*08/17/22 18:46*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**24.3**		4.96		mg/Kg			08/23/22 05:50	1

Client Sample ID: VS

Lab Sample ID: 890-2757-17
Matrix: Solid
Date Collected: 08/15/22 11:50
Date Received: 08/15/22 16:36
Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/20/22 16:19	08/27/22 04:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/20/22 16:19	08/27/22 04:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/20/22 16:19	08/27/22 04:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/20/22 16:19	08/27/22 04:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/20/22 16:19	08/27/22 04:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/20/22 16:19	08/27/22 04:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*08/20/22 16:19*	*08/27/22 04:27*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Client Sample ID: VS

Lab Sample ID: 890-2757-17
Matrix: Solid
Date Collected: 08/15/22 11:50
Date Received: 08/15/22 16:36
Sample Depth: 0 - 1

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*08/20/22 16:19*	*08/27/22 04:27*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/29/22 12:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**55.8**		50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/22 08:21	08/17/22 19:08	1
Diesel Range Organics (Over C10-C28)	**55.8**		50.0		mg/Kg		08/17/22 08:21	08/17/22 19:08	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 08:21	08/17/22 19:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*08/17/22 08:21*	*08/17/22 19:08*	*1*
o-Terphenyl	*85*		*70 - 130*	*08/17/22 08:21*	*08/17/22 19:08*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2400**		50.4		mg/Kg			08/23/22 15:48	10

Client Sample ID: VS

Lab Sample ID: 890-2757-18
Matrix: Solid
Date Collected: 08/15/22 11:55
Date Received: 08/15/22 16:36
Sample Depth: 1 - 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/27/22 04:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/27/22 04:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/27/22 04:53	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/20/22 16:19	08/27/22 04:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/27/22 04:53	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/20/22 16:19	08/27/22 04:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*08/20/22 16:19*	*08/27/22 04:53*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*08/20/22 16:19*	*08/27/22 04:53*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/29/22 12:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**74.6**		49.9		mg/Kg			08/18/22 09:47	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Client Sample ID: VS

Lab Sample ID: 890-2757-18
Matrix: Solid
Date Collected: 08/15/22 11:55
Date Received: 08/15/22 16:36
Sample Depth: 1 - 2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/17/22 08:21	08/17/22 19:30	1
Diesel Range Organics (Over C10-C28)	**74.6**		49.9		mg/Kg		08/17/22 08:21	08/17/22 19:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/17/22 08:21	08/17/22 19:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*08/17/22 08:21*	*08/17/22 19:30*	*1*
o-Terphenyl	*83*		*70 - 130*	*08/17/22 08:21*	*08/17/22 19:30*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1630**		49.7		mg/Kg			08/23/22 15:57	10

Client Sample ID: VS

Lab Sample ID: 890-2757-19
Matrix: Solid
Date Collected: 08/15/22 12:00
Date Received: 08/15/22 16:36
Sample Depth: 2 - 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/27/22 05:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/27/22 05:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/27/22 05:19	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/20/22 16:19	08/27/22 05:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/27/22 05:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/20/22 16:19	08/27/22 05:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*08/20/22 16:19*	*08/27/22 05:19*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*08/20/22 16:19*	*08/27/22 05:19*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/29/22 12:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/17/22 08:21	08/17/22 19:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/17/22 08:21	08/17/22 19:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/17/22 08:21	08/17/22 19:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*08/17/22 08:21*	*08/17/22 19:51*	*1*
o-Terphenyl	*83*		*70 - 130*	*08/17/22 08:21*	*08/17/22 19:51*	*1*

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Client Sample ID: VS

Lab Sample ID: 890-2757-19
Matrix: Solid
Date Collected: 08/15/22 12:00
Date Received: 08/15/22 16:36
Sample Depth: 2 - 3

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2240		49.8		mg/Kg			08/23/22 16:06	10

Client Sample ID: VS

Lab Sample ID: 890-2757-20
Matrix: Solid
Date Collected: 08/15/22 12:05
Date Received: 08/15/22 16:36
Sample Depth: 3 - 4

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/20/22 16:19	08/27/22 05:45	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/20/22 16:19	08/27/22 05:45	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/20/22 16:19	08/27/22 05:45	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/20/22 16:19	08/27/22 05:45	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/20/22 16:19	08/27/22 05:45	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/20/22 16:19	08/27/22 05:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*08/20/22 16:19*	*08/27/22 05:45*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*08/20/22 16:19*	*08/27/22 05:45*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/29/22 12:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/18/22 09:11	08/18/22 13:34	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		08/18/22 09:11	08/18/22 13:34	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/18/22 09:11	08/18/22 13:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*08/18/22 09:11*	*08/18/22 13:34*	*1*
o-Terphenyl	*107*		*70 - 130*	*08/18/22 09:11*	*08/18/22 13:34*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2780		25.0		mg/Kg			08/23/22 06:27	5

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Client Sample ID: VS

Lab Sample ID: 890-2757-21
Matrix: Solid
Date Collected: 08/15/22 12:10
Date Received: 08/15/22 16:36
Sample Depth: 4 - 5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/22/22 15:07	08/27/22 07:45	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/22/22 15:07	08/27/22 07:45	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/22/22 15:07	08/27/22 07:45	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/22/22 15:07	08/27/22 07:45	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/22/22 15:07	08/27/22 07:45	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/22/22 15:07	08/27/22 07:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*08/22/22 15:07*	*08/27/22 07:45*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*08/22/22 15:07*	*08/27/22 07:45*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			08/29/22 12:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/22 08:20	08/17/22 19:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		08/17/22 08:20	08/17/22 19:08	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 08:20	08/17/22 19:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*08/17/22 08:20*	*08/17/22 19:08*	*1*
o-Terphenyl	*114*		*70 - 130*	*08/17/22 08:20*	*08/17/22 19:08*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**848**		50.5		mg/Kg			08/18/22 16:40	10

Client Sample ID: VS

Lab Sample ID: 890-2757-22
Matrix: Solid
Date Collected: 08/15/22 12:15
Date Received: 08/15/22 16:36
Sample Depth: 5 - 6

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/22/22 15:07	08/27/22 08:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/22/22 15:07	08/27/22 08:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/22/22 15:07	08/27/22 08:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/22/22 15:07	08/27/22 08:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/22/22 15:07	08/27/22 08:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/22/22 15:07	08/27/22 08:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*08/22/22 15:07*	*08/27/22 08:06*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Client Sample ID: VS
Date Collected: 08/15/22 12:15
Date Received: 08/15/22 16:36
Sample Depth: 5 - 6

Lab Sample ID: 890-2757-22
Matrix: Solid

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*08/22/22 15:07*	*08/27/22 08:06*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/29/22 12:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/17/22 08:20	08/17/22 19:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		08/17/22 08:20	08/17/22 19:30	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/17/22 08:20	08/17/22 19:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*119*		*70 - 130*	*08/17/22 08:20*	*08/17/22 19:30*	*1*
o-Terphenyl	*111*		*70 - 130*	*08/17/22 08:20*	*08/17/22 19:30*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2100**		99.8		mg/Kg			08/18/22 16:49	20

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-2753-A-1-D MS	Matrix Spike	90	104
890-2753-A-1-E MSD	Matrix Spike Duplicate	92	100
890-2757-1	W4	120	97
890-2757-1 MS	W4	102	98
890-2757-1 MSD	W4	110	106
890-2757-2	W3	121	104
890-2757-3	W2	125	104
890-2757-4	W1	114	95
890-2757-5	S4	114	96
890-2757-6	S3	125	103
890-2757-7	S2	123	103
890-2757-8	S1	120	102
890-2757-9	N4	113	90
890-2757-10	N3	122	100
890-2757-11	N2	111	81
890-2757-12	N1	106	90
890-2757-13	VS	133 S1+	106
890-2757-14	VS	126	107
890-2757-15	VS	126	103
890-2757-16	VS	116	95
890-2757-17	VS	114	92
890-2757-18	VS	122	102
890-2757-19	VS	121	97
890-2757-20	VS	125	102
890-2757-21	VS	85	112
890-2757-22	VS	92	106
LCS 880-32570/1-A	Lab Control Sample	118	106
LCS 880-32705/1-A	Lab Control Sample	89	99
LCSD 880-32570/2-A	Lab Control Sample Dup	114	104
LCSD 880-32705/2-A	Lab Control Sample Dup	85	102
MB 880-32570/5-A	Method Blank	84	81
MB 880-32705/5-B	Method Blank	80	118
MB 880-32994/5-A	Method Blank	78	122

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-18225-A-1-B MS	Matrix Spike	96	84
880-18225-A-1-C MSD	Matrix Spike Duplicate	98	86
880-18225-A-6-B MS	Matrix Spike	84	63 S1-
880-18225-A-6-C MSD	Matrix Spike Duplicate	69 S1-	54 S1-
890-2757-1	W4	123	116
890-2757-2	W3	122	113

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)								
890-2757-3	W2	112	104								
890-2757-4	W1	121	114								
890-2757-5	S4	74	67 S1-								
890-2757-6	S3	82	75								
890-2757-7	S2	107	102								
890-2757-8	S1	93	86								
890-2757-9	N4	82	78								
890-2757-10	N3	87	82								
890-2757-11	N2	81	77								
890-2757-12	N1	96	92								
890-2757-13	VS	85	72								
890-2757-14	VS	69 S1-	64 S1-								
890-2757-15	VS	60 S1-	54 S1-								
890-2757-16	VS	58 S1-	51 S1-								
890-2757-17	VS	88	85								
890-2757-18	VS	85	83								
890-2757-19	VS	87	83								
890-2757-20	VS	122	107								
890-2757-21	VS	122	114								
890-2757-22	VS	119	111								
890-2760-A-1-G MS	Matrix Spike	100	91								
890-2760-A-1-H MSD	Matrix Spike Duplicate	103	78								
LCS 880-32291/2-A	Lab Control Sample	139 S1+	141 S1+								
LCS 880-32292/2-A	Lab Control Sample	104	93								
LCS 880-32394/2-A	Lab Control Sample	93	84								
LCSD 880-32291/3-A	Lab Control Sample Dup	120	118								
LCSD 880-32292/3-A	Lab Control Sample Dup	104	93								
LCSD 880-32394/3-A	Lab Control Sample Dup	104	106								
MB 880-32291/1-A	Method Blank	109	110								
MB 880-32292/1-A	Method Blank	85	87								
MB 880-32394/1-A	Method Blank	98	90								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-32570/5-A
Matrix: Solid
Analysis Batch: 33042

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32570

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/26/22 19:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/26/22 19:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/26/22 19:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/20/22 16:19	08/26/22 19:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/26/22 19:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/20/22 16:19	08/26/22 19:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*08/20/22 16:19*	*08/26/22 19:52*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*08/20/22 16:19*	*08/26/22 19:52*	*1*

Lab Sample ID: LCS 880-32570/1-A
Matrix: Solid
Analysis Batch: 33042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32570

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1041		mg/Kg		104	70 - 130		
Toluene			0.100	0.1073		mg/Kg		107	70 - 130		
Ethylbenzene			0.100	0.1004		mg/Kg		100	70 - 130		
m-Xylene & p-Xylene			0.200	0.2091		mg/Kg		105	70 - 130		
o-Xylene			0.100	0.1199		mg/Kg		120	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: LCSD 880-32570/2-A
Matrix: Solid
Analysis Batch: 33042

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 32570

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1043		mg/Kg		104	70 - 130	0	35
Toluene			0.100	0.1099		mg/Kg		110	70 - 130	2	35
Ethylbenzene			0.100	0.1048		mg/Kg		105	70 - 130	4	35
m-Xylene & p-Xylene			0.200	0.2148		mg/Kg		107	70 - 130	3	35
o-Xylene			0.100	0.1200		mg/Kg		120	70 - 130	0	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: 890-2757-1 MS
Matrix: Solid
Analysis Batch: 33042

Client Sample ID: W4
Prep Type: Total/NA
Prep Batch: 32570

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.0998	0.07643		mg/Kg		77	70 - 130		
Toluene	<0.00201	U	0.0998	0.07905		mg/Kg		79	70 - 130		

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

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

Lab Sample ID: 890-2757-1 MS — **Client Sample ID: W4**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 33042 — **Prep Batch: 32570**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.0998	0.08026		mg/Kg		80	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1621		mg/Kg		81	70 - 130
o-Xylene	<0.00201	U	0.0998	0.09349		mg/Kg		94	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 890-2757-1 MSD — **Client Sample ID: W4**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 33042 — **Prep Batch: 32570**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.08291		mg/Kg		83	70 - 130	8	35
Toluene	<0.00201	U	0.100	0.08426		mg/Kg		84	70 - 130	6	35
Ethylbenzene	<0.00201	U	0.100	0.08453		mg/Kg		84	70 - 130	5	35
m-Xylene & p-Xylene	<0.00402	U	0.201	0.1727		mg/Kg		86	70 - 130	6	35
o-Xylene	<0.00201	U	0.100	0.09788		mg/Kg		97	70 - 130	5	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: MB 880-32705/5-B — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 33040 — **Prep Batch: 32705**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/22/22 15:07	08/27/22 01:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/22/22 15:07	08/27/22 01:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/22/22 15:07	08/27/22 01:22	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/22/22 15:07	08/27/22 01:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/22/22 15:07	08/27/22 01:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/22/22 15:07	08/27/22 01:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*	*08/22/22 15:07*	*08/27/22 01:22*	*1*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*08/22/22 15:07*	*08/27/22 01:22*	*1*

Lab Sample ID: LCS 880-32705/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 33040 — **Prep Batch: 32705**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1018		mg/Kg		102	70 - 130
Toluene	0.100	0.09762		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.09481		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	0.200	0.1756		mg/Kg		88	70 - 130

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

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

Lab Sample ID: LCS 880-32705/1-A
Matrix: Solid
Analysis Batch: 33040

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32705

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.09298		mg/Kg		93	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-32705/2-A
Matrix: Solid
Analysis Batch: 33040

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 32705

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1022		mg/Kg		102	70 - 130	0	35
Toluene			0.100	0.09976		mg/Kg		100	70 - 130	2	35
Ethylbenzene			0.100	0.09343		mg/Kg		93	70 - 130	1	35
m-Xylene & p-Xylene			0.200	0.1721		mg/Kg		86	70 - 130	2	35
o-Xylene			0.100	0.09315		mg/Kg		93	70 - 130	0	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 890-2753-A-1-D MS
Matrix: Solid
Analysis Batch: 33040

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 32705

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00202	U	0.0998	0.09587		mg/Kg		96	70 - 130		
Toluene	<0.00202	U	0.0998	0.09429		mg/Kg		94	70 - 130		
Ethylbenzene	<0.00202	U	0.0998	0.08920		mg/Kg		89	70 - 130		
m-Xylene & p-Xylene	<0.00403	U	0.200	0.1649		mg/Kg		82	70 - 130		
o-Xylene	<0.00202	U F1 F2	0.0998	0.04161	F1	mg/Kg		42	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: 890-2753-A-1-E MSD
Matrix: Solid
Analysis Batch: 33040

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 32705

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.100	0.09874		mg/Kg		98	70 - 130	3	35
Toluene	<0.00202	U	0.100	0.1008		mg/Kg		100	70 - 130	7	35
Ethylbenzene	<0.00202	U	0.100	0.09746		mg/Kg		97	70 - 130	9	35
m-Xylene & p-Xylene	<0.00403	U	0.201	0.1797		mg/Kg		89	70 - 130	9	35
o-Xylene	<0.00202	U F1 F2	0.100	0.09432	F2	mg/Kg		94	70 - 130	78	35

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

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

Lab Sample ID: 890-2753-A-1-E MSD
Matrix: Solid
Analysis Batch: 33040

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 32705

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 880-32994/5-A
Matrix: Solid
Analysis Batch: 33040

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32994

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:50	08/26/22 13:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:50	08/26/22 13:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:50	08/26/22 13:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/25/22 15:50	08/26/22 13:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:50	08/26/22 13:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/25/22 15:50	08/26/22 13:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*	*08/25/22 15:50*	*08/26/22 13:46*	*1*
1,4-Difluorobenzene (Surr)	*122*		*70 - 130*	*08/25/22 15:50*	*08/26/22 13:46*	*1*

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

Lab Sample ID: MB 880-32291/1-A
Matrix: Solid
Analysis Batch: 32193

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32291

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/22 08:20	08/17/22 10:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/22 08:20	08/17/22 10:45	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 08:20	08/17/22 10:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*109*		*70 - 130*	*08/17/22 08:20*	*08/17/22 10:45*	*1*
o-Terphenyl	*110*		*70 - 130*	*08/17/22 08:20*	*08/17/22 10:45*	*1*

Lab Sample ID: LCS 880-32291/2-A
Matrix: Solid
Analysis Batch: 32193

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32291

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1183		mg/Kg		118	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1358	*+	mg/Kg		136	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	*139*	*S1+*	*70 - 130*
o-Terphenyl	*141*	*S1+*	*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

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

Lab Sample ID: LCSD 880-32291/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 32193 — **Prep Batch: 32291**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	999.5		mg/Kg		100	70 - 130	17	20
Diesel Range Organics (Over C10-C28)			1000	1152		mg/Kg		115	70 - 130	16	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*120*		*70 - 130*
o-Terphenyl	*118*		*70 - 130*

Lab Sample ID: 880-18225-A-1-B MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 32193 — **Prep Batch: 32291**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	893.9		mg/Kg		89	70 - 130
Diesel Range Organics (Over C10-C28)	531	*+	999	1658		mg/Kg		113	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*96*		*70 - 130*
o-Terphenyl	*84*		*70 - 130*

Lab Sample ID: 880-18225-A-1-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 32193 — **Prep Batch: 32291**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	901.3		mg/Kg		90	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	531	*+	998	1698		mg/Kg		117	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*98*		*70 - 130*
o-Terphenyl	*86*		*70 - 130*

Lab Sample ID: MB 880-32292/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 32195 — **Prep Batch: 32292**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/22 08:21	08/17/22 10:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/22 08:21	08/17/22 10:45	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 08:21	08/17/22 10:45	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

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

Lab Sample ID: MB 880-32292/1-A
Matrix: Solid
Analysis Batch: 32195

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32292

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	08/17/22 08:21	08/17/22 10:45	1
o-Terphenyl	87		70 - 130	08/17/22 08:21	08/17/22 10:45	1

Lab Sample ID: LCS 880-32292/2-A
Matrix: Solid
Analysis Batch: 32195

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32292

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	938.1		mg/Kg		94	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	945.3		mg/Kg		95	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	104		70 - 130
o-Terphenyl	93		70 - 130

Lab Sample ID: LCSD 880-32292/3-A
Matrix: Solid
Analysis Batch: 32195

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 32292

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	939.7		mg/Kg		94	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	949.6		mg/Kg		95	70 - 130	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	104		70 - 130
o-Terphenyl	93		70 - 130

Lab Sample ID: 880-18225-A-6-B MS
Matrix: Solid
Analysis Batch: 32195

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 32292

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1 F2	999	964.4		mg/Kg		97	70 - 130		
Diesel Range Organics (Over C10-C28)	234	F1	999	1087		mg/Kg		85	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	84		70 - 130
o-Terphenyl	63	S1-	70 - 130

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

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

Lab Sample ID: 880-18225-A-6-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 32195 — **Prep Batch: 32292**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1 F2	998	585.6	F1 F2	mg/Kg		59	70 - 130	49	20
Diesel Range Organics (Over C10-C28)	234	F1	998	917.3	F1	mg/Kg		68	70 - 130	17	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*69*	*S1-*	*70 - 130*
o-Terphenyl	*54*	*S1-*	*70 - 130*

Lab Sample ID: MB 880-32394/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 32384 — **Prep Batch: 32394**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/18/22 09:11	08/18/22 10:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/18/22 09:11	08/18/22 10:40	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/22 09:11	08/18/22 10:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*08/18/22 09:11*	*08/18/22 10:40*	*1*
o-Terphenyl	*90*		*70 - 130*	*08/18/22 09:11*	*08/18/22 10:40*	*1*

Lab Sample ID: LCS 880-32394/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 32384 — **Prep Batch: 32394**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1108		mg/Kg		111	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	813.9		mg/Kg		81	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*93*		*70 - 130*
o-Terphenyl	*84*		*70 - 130*

Lab Sample ID: LCSD 880-32394/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 32384 — **Prep Batch: 32394**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1015		mg/Kg		101	70 - 130	9	20
Diesel Range Organics (Over C10-C28)			1000	1025	*1	mg/Kg		102	70 - 130	23	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

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

Lab Sample ID: LCSD 880-32394/3-A
Matrix: Solid
Analysis Batch: 32384

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 32394

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	104		70 - 130
o-Terphenyl	106		70 - 130

Lab Sample ID: 890-2760-A-1-G MS
Matrix: Solid
Analysis Batch: 32384

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 32394

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1270		mg/Kg		125	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U *1	999	1207		mg/Kg		121	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	91		70 - 130

Lab Sample ID: 890-2760-A-1-H MSD
Matrix: Solid
Analysis Batch: 32384

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 32394

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1117		mg/Kg		109	70 - 130	13	20
Diesel Range Organics (Over C10-C28)	<49.9	U *1	998	1069		mg/Kg		107	70 - 130	12	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	78		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-32303/1-A
Matrix: Solid
Analysis Batch: 32376

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/18/22 12:59	1

Lab Sample ID: LCS 880-32303/2-A
Matrix: Solid
Analysis Batch: 32376

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	249.8		mg/Kg		100	90 - 110

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-32303/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 32376

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	249.4		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-18218-A-1-E MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 32376

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	2680	F1	1240	4047		mg/Kg		110	90 - 110		

Lab Sample ID: 880-18218-A-1-F MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 32376

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2680	F1	1240	4051	F1	mg/Kg		111	90 - 110	0	20

Lab Sample ID: MB 880-32304/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 32675

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/23/22 01:50	1

Lab Sample ID: LCS 880-32304/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 32675

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	231.4		mg/Kg		93	90 - 110		

Lab Sample ID: LCSD 880-32304/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 32675

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	234.9		mg/Kg		94	90 - 110	1	20

Lab Sample ID: 890-2757-1 MS — **Client Sample ID: W4**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 32675

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	12.9		250	261.6		mg/Kg		99	90 - 110		

Lab Sample ID: 890-2757-1 MSD — **Client Sample ID: W4**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 32675

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	12.9		250	256.4		mg/Kg		97	90 - 110	2	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-2757-11 MS
Matrix: Solid
Analysis Batch: 32675

Client Sample ID: N2
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	45.4		248	295.0		mg/Kg		101	90 - 110		

Lab Sample ID: 890-2757-11 MSD
Matrix: Solid
Analysis Batch: 32675

Client Sample ID: N2
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	45.4		248	285.1		mg/Kg		97	90 - 110	3	20

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

GC VOA

Prep Batch: 32570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2757-1	W4	Total/NA	Solid	5035	
890-2757-2	W3	Total/NA	Solid	5035	
890-2757-3	W2	Total/NA	Solid	5035	
890-2757-4	W1	Total/NA	Solid	5035	
890-2757-5	S4	Total/NA	Solid	5035	
890-2757-6	S3	Total/NA	Solid	5035	
890-2757-7	S2	Total/NA	Solid	5035	
890-2757-8	S1	Total/NA	Solid	5035	
890-2757-9	N4	Total/NA	Solid	5035	
890-2757-10	N3	Total/NA	Solid	5035	
890-2757-11	N2	Total/NA	Solid	5035	
890-2757-12	N1	Total/NA	Solid	5035	
890-2757-13	VS	Total/NA	Solid	5035	
890-2757-14	VS	Total/NA	Solid	5035	
890-2757-15	VS	Total/NA	Solid	5035	
890-2757-16	VS	Total/NA	Solid	5035	
890-2757-17	VS	Total/NA	Solid	5035	
890-2757-18	VS	Total/NA	Solid	5035	
890-2757-19	VS	Total/NA	Solid	5035	
890-2757-20	VS	Total/NA	Solid	5035	
MB 880-32570/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-32570/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-32570/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2757-1 MS	W4	Total/NA	Solid	5035	
890-2757-1 MSD	W4	Total/NA	Solid	5035	

Prep Batch: 32705

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2757-21	VS	Total/NA	Solid	5035	
890-2757-22	VS	Total/NA	Solid	5035	
MB 880-32705/5-B	Method Blank	Total/NA	Solid	5035	
LCS 880-32705/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-32705/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2753-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
890-2753-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 32994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-32994/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 33040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2757-21	VS	Total/NA	Solid	8021B	32705
890-2757-22	VS	Total/NA	Solid	8021B	32705
MB 880-32705/5-B	Method Blank	Total/NA	Solid	8021B	32705
MB 880-32994/5-A	Method Blank	Total/NA	Solid	8021B	32994
LCS 880-32705/1-A	Lab Control Sample	Total/NA	Solid	8021B	32705
LCSD 880-32705/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	32705
890-2753-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	32705
890-2753-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	32705

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

GC VOA

Analysis Batch: 33042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2757-1	W4	Total/NA	Solid	8021B	32570
890-2757-2	W3	Total/NA	Solid	8021B	32570
890-2757-3	W2	Total/NA	Solid	8021B	32570
890-2757-4	W1	Total/NA	Solid	8021B	32570
890-2757-5	S4	Total/NA	Solid	8021B	32570
890-2757-6	S3	Total/NA	Solid	8021B	32570
890-2757-7	S2	Total/NA	Solid	8021B	32570
890-2757-8	S1	Total/NA	Solid	8021B	32570
890-2757-9	N4	Total/NA	Solid	8021B	32570
890-2757-10	N3	Total/NA	Solid	8021B	32570
890-2757-11	N2	Total/NA	Solid	8021B	32570
890-2757-12	N1	Total/NA	Solid	8021B	32570
890-2757-13	VS	Total/NA	Solid	8021B	32570
890-2757-14	VS	Total/NA	Solid	8021B	32570
890-2757-15	VS	Total/NA	Solid	8021B	32570
890-2757-16	VS	Total/NA	Solid	8021B	32570
890-2757-17	VS	Total/NA	Solid	8021B	32570
890-2757-18	VS	Total/NA	Solid	8021B	32570
890-2757-19	VS	Total/NA	Solid	8021B	32570
890-2757-20	VS	Total/NA	Solid	8021B	32570
MB 880-32570/5-A	Method Blank	Total/NA	Solid	8021B	32570
LCS 880-32570/1-A	Lab Control Sample	Total/NA	Solid	8021B	32570
LCSD 880-32570/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	32570
890-2757-1 MS	W4	Total/NA	Solid	8021B	32570
890-2757-1 MSD	W4	Total/NA	Solid	8021B	32570

Analysis Batch: 33221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2757-1	W4	Total/NA	Solid	Total BTEX	
890-2757-2	W3	Total/NA	Solid	Total BTEX	
890-2757-3	W2	Total/NA	Solid	Total BTEX	
890-2757-4	W1	Total/NA	Solid	Total BTEX	
890-2757-5	S4	Total/NA	Solid	Total BTEX	
890-2757-6	S3	Total/NA	Solid	Total BTEX	
890-2757-7	S2	Total/NA	Solid	Total BTEX	
890-2757-8	S1	Total/NA	Solid	Total BTEX	
890-2757-9	N4	Total/NA	Solid	Total BTEX	
890-2757-10	N3	Total/NA	Solid	Total BTEX	
890-2757-11	N2	Total/NA	Solid	Total BTEX	
890-2757-12	N1	Total/NA	Solid	Total BTEX	
890-2757-13	VS	Total/NA	Solid	Total BTEX	
890-2757-14	VS	Total/NA	Solid	Total BTEX	
890-2757-15	VS	Total/NA	Solid	Total BTEX	
890-2757-16	VS	Total/NA	Solid	Total BTEX	
890-2757-17	VS	Total/NA	Solid	Total BTEX	
890-2757-18	VS	Total/NA	Solid	Total BTEX	
890-2757-19	VS	Total/NA	Solid	Total BTEX	
890-2757-20	VS	Total/NA	Solid	Total BTEX	
890-2757-21	VS	Total/NA	Solid	Total BTEX	
890-2757-22	VS	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

GC Semi VOA

Analysis Batch: 32193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2757-1	W4	Total/NA	Solid	8015B NM	32291
890-2757-2	W3	Total/NA	Solid	8015B NM	32291
890-2757-3	W2	Total/NA	Solid	8015B NM	32291
890-2757-4	W1	Total/NA	Solid	8015B NM	32291
890-2757-21	VS	Total/NA	Solid	8015B NM	32291
890-2757-22	VS	Total/NA	Solid	8015B NM	32291
MB 880-32291/1-A	Method Blank	Total/NA	Solid	8015B NM	32291
LCS 880-32291/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	32291
LCSD 880-32291/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	32291
880-18225-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	32291
880-18225-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	32291

Analysis Batch: 32195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2757-5	S4	Total/NA	Solid	8015B NM	32292
890-2757-6	S3	Total/NA	Solid	8015B NM	32292
890-2757-7	S2	Total/NA	Solid	8015B NM	32292
890-2757-8	S1	Total/NA	Solid	8015B NM	32292
890-2757-9	N4	Total/NA	Solid	8015B NM	32292
890-2757-10	N3	Total/NA	Solid	8015B NM	32292
890-2757-11	N2	Total/NA	Solid	8015B NM	32292
890-2757-12	N1	Total/NA	Solid	8015B NM	32292
890-2757-13	VS	Total/NA	Solid	8015B NM	32292
890-2757-14	VS	Total/NA	Solid	8015B NM	32292
890-2757-15	VS	Total/NA	Solid	8015B NM	32292
890-2757-16	VS	Total/NA	Solid	8015B NM	32292
890-2757-17	VS	Total/NA	Solid	8015B NM	32292
890-2757-18	VS	Total/NA	Solid	8015B NM	32292
890-2757-19	VS	Total/NA	Solid	8015B NM	32292
MB 880-32292/1-A	Method Blank	Total/NA	Solid	8015B NM	32292
LCS 880-32292/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	32292
LCSD 880-32292/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	32292
880-18225-A-6-B MS	Matrix Spike	Total/NA	Solid	8015B NM	32292
880-18225-A-6-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	32292

Prep Batch: 32291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2757-1	W4	Total/NA	Solid	8015NM Prep	
890-2757-2	W3	Total/NA	Solid	8015NM Prep	
890-2757-3	W2	Total/NA	Solid	8015NM Prep	
890-2757-4	W1	Total/NA	Solid	8015NM Prep	
890-2757-21	VS	Total/NA	Solid	8015NM Prep	
890-2757-22	VS	Total/NA	Solid	8015NM Prep	
MB 880-32291/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-32291/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-32291/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-18225-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-18225-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

GC Semi VOA

Prep Batch: 32292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2757-5	S4	Total/NA	Solid	8015NM Prep	
890-2757-6	S3	Total/NA	Solid	8015NM Prep	
890-2757-7	S2	Total/NA	Solid	8015NM Prep	
890-2757-8	S1	Total/NA	Solid	8015NM Prep	
890-2757-9	N4	Total/NA	Solid	8015NM Prep	
890-2757-10	N3	Total/NA	Solid	8015NM Prep	
890-2757-11	N2	Total/NA	Solid	8015NM Prep	
890-2757-12	N1	Total/NA	Solid	8015NM Prep	
890-2757-13	VS	Total/NA	Solid	8015NM Prep	
890-2757-14	VS	Total/NA	Solid	8015NM Prep	
890-2757-15	VS	Total/NA	Solid	8015NM Prep	
890-2757-16	VS	Total/NA	Solid	8015NM Prep	
890-2757-17	VS	Total/NA	Solid	8015NM Prep	
890-2757-18	VS	Total/NA	Solid	8015NM Prep	
890-2757-19	VS	Total/NA	Solid	8015NM Prep	
MB 880-32292/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-32292/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-32292/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-18225-A-6-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-18225-A-6-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 32384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2757-20	VS	Total/NA	Solid	8015B NM	32394
MB 880-32394/1-A	Method Blank	Total/NA	Solid	8015B NM	32394
LCS 880-32394/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	32394
LCSD 880-32394/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	32394
890-2760-A-1-G MS	Matrix Spike	Total/NA	Solid	8015B NM	32394
890-2760-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	32394

Prep Batch: 32394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2757-20	VS	Total/NA	Solid	8015NM Prep	
MB 880-32394/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-32394/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-32394/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2760-A-1-G MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-2760-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 32406

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2757-1	W4	Total/NA	Solid	8015 NM	
890-2757-2	W3	Total/NA	Solid	8015 NM	
890-2757-3	W2	Total/NA	Solid	8015 NM	
890-2757-4	W1	Total/NA	Solid	8015 NM	
890-2757-5	S4	Total/NA	Solid	8015 NM	
890-2757-6	S3	Total/NA	Solid	8015 NM	
890-2757-7	S2	Total/NA	Solid	8015 NM	
890-2757-8	S1	Total/NA	Solid	8015 NM	
890-2757-9	N4	Total/NA	Solid	8015 NM	
890-2757-10	N3	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

GC Semi VOA (Continued)

Analysis Batch: 32406 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2757-11	N2	Total/NA	Solid	8015 NM	
890-2757-12	N1	Total/NA	Solid	8015 NM	
890-2757-13	VS	Total/NA	Solid	8015 NM	
890-2757-14	VS	Total/NA	Solid	8015 NM	
890-2757-15	VS	Total/NA	Solid	8015 NM	
890-2757-16	VS	Total/NA	Solid	8015 NM	
890-2757-17	VS	Total/NA	Solid	8015 NM	
890-2757-18	VS	Total/NA	Solid	8015 NM	
890-2757-19	VS	Total/NA	Solid	8015 NM	
890-2757-20	VS	Total/NA	Solid	8015 NM	
890-2757-21	VS	Total/NA	Solid	8015 NM	
890-2757-22	VS	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 32303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2757-21	VS	Soluble	Solid	DI Leach	
890-2757-22	VS	Soluble	Solid	DI Leach	
MB 880-32303/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-32303/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-32303/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-18218-A-1-E MS	Matrix Spike	Soluble	Solid	DI Leach	
880-18218-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 32304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2757-1	W4	Soluble	Solid	DI Leach	
890-2757-2	W3	Soluble	Solid	DI Leach	
890-2757-3	W2	Soluble	Solid	DI Leach	
890-2757-4	W1	Soluble	Solid	DI Leach	
890-2757-5	S4	Soluble	Solid	DI Leach	
890-2757-6	S3	Soluble	Solid	DI Leach	
890-2757-7	S2	Soluble	Solid	DI Leach	
890-2757-8	S1	Soluble	Solid	DI Leach	
890-2757-9	N4	Soluble	Solid	DI Leach	
890-2757-10	N3	Soluble	Solid	DI Leach	
890-2757-11	N2	Soluble	Solid	DI Leach	
890-2757-12	N1	Soluble	Solid	DI Leach	
890-2757-13	VS	Soluble	Solid	DI Leach	
890-2757-14	VS	Soluble	Solid	DI Leach	
890-2757-15	VS	Soluble	Solid	DI Leach	
890-2757-16	VS	Soluble	Solid	DI Leach	
890-2757-17	VS	Soluble	Solid	DI Leach	
890-2757-18	VS	Soluble	Solid	DI Leach	
890-2757-19	VS	Soluble	Solid	DI Leach	
890-2757-20	VS	Soluble	Solid	DI Leach	
MB 880-32304/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-32304/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-32304/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2757-1 MS	W4	Soluble	Solid	DI Leach	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

HPLC/IC (Continued)

Leach Batch: 32304 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2757-1 MSD	W4	Soluble	Solid	DI Leach	
890-2757-11 MS	N2	Soluble	Solid	DI Leach	
890-2757-11 MSD	N2	Soluble	Solid	DI Leach	

Analysis Batch: 32376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2757-21	VS	Soluble	Solid	300.0	32303
890-2757-22	VS	Soluble	Solid	300.0	32303
MB 880-32303/1-A	Method Blank	Soluble	Solid	300.0	32303
LCS 880-32303/2-A	Lab Control Sample	Soluble	Solid	300.0	32303
LCSD 880-32303/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	32303
880-18218-A-1-E MS	Matrix Spike	Soluble	Solid	300.0	32303
880-18218-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	32303

Analysis Batch: 32675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2757-1	W4	Soluble	Solid	300.0	32304
890-2757-2	W3	Soluble	Solid	300.0	32304
890-2757-3	W2	Soluble	Solid	300.0	32304
890-2757-4	W1	Soluble	Solid	300.0	32304
890-2757-5	S4	Soluble	Solid	300.0	32304
890-2757-6	S3	Soluble	Solid	300.0	32304
890-2757-7	S2	Soluble	Solid	300.0	32304
890-2757-8	S1	Soluble	Solid	300.0	32304
890-2757-9	N4	Soluble	Solid	300.0	32304
890-2757-10	N3	Soluble	Solid	300.0	32304
890-2757-11	N2	Soluble	Solid	300.0	32304
890-2757-12	N1	Soluble	Solid	300.0	32304
890-2757-13	VS	Soluble	Solid	300.0	32304
890-2757-14	VS	Soluble	Solid	300.0	32304
890-2757-15	VS	Soluble	Solid	300.0	32304
890-2757-16	VS	Soluble	Solid	300.0	32304
890-2757-17	VS	Soluble	Solid	300.0	32304
890-2757-18	VS	Soluble	Solid	300.0	32304
890-2757-19	VS	Soluble	Solid	300.0	32304
890-2757-20	VS	Soluble	Solid	300.0	32304
MB 880-32304/1-A	Method Blank	Soluble	Solid	300.0	32304
LCS 880-32304/2-A	Lab Control Sample	Soluble	Solid	300.0	32304
LCSD 880-32304/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	32304
890-2757-1 MS	W4	Soluble	Solid	300.0	32304
890-2757-1 MSD	W4	Soluble	Solid	300.0	32304
890-2757-11 MS	N2	Soluble	Solid	300.0	32304
890-2757-11 MSD	N2	Soluble	Solid	300.0	32304

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Client Sample ID: W4

Lab Sample ID: 890-2757-1
Matrix: Solid
Date Collected: 08/15/22 10:58
Date Received: 08/15/22 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	32570	08/20/22 16:19	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33042	08/26/22 20:17	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33221	08/29/22 12:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			32406	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32291	08/17/22 08:20	DM	EET MID
Total/NA	Analysis	8015B NM		1			32193	08/17/22 14:45	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32304	08/17/22 08:47	CH	EET MID
Soluble	Analysis	300.0		1			32675	08/23/22 02:18	CH	EET MID

Client Sample ID: W3

Lab Sample ID: 890-2757-2
Matrix: Solid
Date Collected: 08/15/22 11:00
Date Received: 08/15/22 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	32570	08/20/22 16:19	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33042	08/26/22 20:43	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33221	08/29/22 12:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			32406	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32291	08/17/22 08:20	DM	EET MID
Total/NA	Analysis	8015B NM		1			32193	08/17/22 15:07	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	32304	08/17/22 08:47	CH	EET MID
Soluble	Analysis	300.0		1			32675	08/23/22 02:45	CH	EET MID

Client Sample ID: W2

Lab Sample ID: 890-2757-3
Matrix: Solid
Date Collected: 08/15/22 11:02
Date Received: 08/15/22 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	32570	08/20/22 16:19	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33042	08/26/22 21:09	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33221	08/29/22 12:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			32406	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32291	08/17/22 08:20	DM	EET MID
Total/NA	Analysis	8015B NM		1			32193	08/17/22 15:29	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	32304	08/17/22 08:47	CH	EET MID
Soluble	Analysis	300.0		1			32675	08/23/22 02:54	CH	EET MID

Client Sample ID: W1

Lab Sample ID: 890-2757-4
Matrix: Solid
Date Collected: 08/15/22 11:04
Date Received: 08/15/22 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	32570	08/20/22 16:19	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33042	08/26/22 21:34	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33221	08/29/22 12:44	SM	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Client Sample ID: W1

Lab Sample ID: 890-2757-4
Matrix: Solid
Date Collected: 08/15/22 11:04
Date Received: 08/15/22 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			32406	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32291	08/17/22 08:20	DM	EET MID
Total/NA	Analysis	8015B NM		1			32193	08/17/22 19:51	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	32304	08/17/22 08:47	CH	EET MID
Soluble	Analysis	300.0		1			32675	08/23/22 03:04	CH	EET MID

Client Sample ID: S4

Lab Sample ID: 890-2757-5
Matrix: Solid
Date Collected: 08/15/22 11:06
Date Received: 08/15/22 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	32570	08/20/22 16:19	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33042	08/26/22 22:00	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33221	08/29/22 12:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			32406	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32292	08/17/22 08:21	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/17/22 14:24	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32304	08/17/22 08:47	CH	EET MID
Soluble	Analysis	300.0		1			32675	08/23/22 03:13	CH	EET MID

Client Sample ID: S3

Lab Sample ID: 890-2757-6
Matrix: Solid
Date Collected: 08/15/22 11:08
Date Received: 08/15/22 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	32570	08/20/22 16:19	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33042	08/26/22 22:26	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33221	08/29/22 12:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			32406	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32292	08/17/22 08:21	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/17/22 14:45	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32304	08/17/22 08:47	CH	EET MID
Soluble	Analysis	300.0		1			32675	08/23/22 03:41	CH	EET MID

Client Sample ID: S2

Lab Sample ID: 890-2757-7
Matrix: Solid
Date Collected: 08/15/22 11:10
Date Received: 08/15/22 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	32570	08/20/22 16:19	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33042	08/26/22 22:51	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33221	08/29/22 12:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			32406	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32292	08/17/22 08:21	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/17/22 15:07	SM	EET MID

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Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Client Sample ID: S2

Lab Sample ID: 890-2757-7
Matrix: Solid
Date Collected: 08/15/22 11:10
Date Received: 08/15/22 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	32304	08/17/22 08:47	CH	EET MID
Soluble	Analysis	300.0		1			32675	08/23/22 03:50	CH	EET MID

Client Sample ID: S1

Lab Sample ID: 890-2757-8
Matrix: Solid
Date Collected: 08/15/22 11:12
Date Received: 08/15/22 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	32570	08/20/22 16:19	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33042	08/26/22 23:17	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33221	08/29/22 12:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			32406	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32292	08/17/22 08:21	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/17/22 15:29	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	32304	08/17/22 08:47	CH	EET MID
Soluble	Analysis	300.0		1			32675	08/23/22 03:59	CH	EET MID

Client Sample ID: N4

Lab Sample ID: 890-2757-9
Matrix: Solid
Date Collected: 08/15/22 11:14
Date Received: 08/15/22 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	32570	08/20/22 16:19	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33042	08/26/22 23:43	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33221	08/29/22 12:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			32406	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32292	08/17/22 08:21	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/17/22 15:51	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	32304	08/17/22 08:47	CH	EET MID
Soluble	Analysis	300.0		1			32675	08/23/22 04:08	CH	EET MID

Client Sample ID: N3

Lab Sample ID: 890-2757-10
Matrix: Solid
Date Collected: 08/15/22 11:16
Date Received: 08/15/22 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	32570	08/20/22 16:19	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33042	08/27/22 00:09	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33221	08/29/22 12:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			32406	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32292	08/17/22 08:21	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/17/22 16:34	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	32304	08/17/22 08:47	CH	EET MID
Soluble	Analysis	300.0		1			32675	08/23/22 04:18	CH	EET MID

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Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Client Sample ID: N2
Date Collected: 08/15/22 11:18
Date Received: 08/15/22 16:36

Lab Sample ID: 890-2757-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	32570	08/20/22 16:19	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33042	08/27/22 01:52	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33221	08/29/22 12:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			32406	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32292	08/17/22 08:21	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/17/22 16:56	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	32304	08/17/22 08:47	CH	EET MID
Soluble	Analysis	300.0		1			32675	08/23/22 04:27	CH	EET MID

Client Sample ID: N1
Date Collected: 08/15/22 11:20
Date Received: 08/15/22 16:36

Lab Sample ID: 890-2757-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	32570	08/20/22 16:19	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33042	08/27/22 02:18	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33221	08/29/22 12:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			32406	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32292	08/17/22 08:21	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/17/22 17:18	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32304	08/17/22 08:47	CH	EET MID
Soluble	Analysis	300.0		1			32675	08/23/22 04:54	CH	EET MID

Client Sample ID: VS
Date Collected: 08/15/22 11:22
Date Received: 08/15/22 16:36

Lab Sample ID: 890-2757-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	32570	08/20/22 16:19	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33042	08/27/22 02:44	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33221	08/29/22 12:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			32406	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32292	08/17/22 08:21	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/17/22 17:40	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	32304	08/17/22 08:47	CH	EET MID
Soluble	Analysis	300.0		1			32675	08/23/22 05:04	CH	EET MID

Client Sample ID: VS
Date Collected: 08/15/22 11:24
Date Received: 08/15/22 16:36

Lab Sample ID: 890-2757-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	32570	08/20/22 16:19	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33042	08/27/22 03:10	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33221	08/29/22 12:44	SM	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Client Sample ID: VS
Date Collected: 08/15/22 11:24
Date Received: 08/15/22 16:36

Lab Sample ID: 890-2757-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			32406	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32292	08/17/22 08:21	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/17/22 18:02	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	32304	08/17/22 08:47	CH	EET MID
Soluble	Analysis	300.0		1			32675	08/23/22 05:31	CH	EET MID

Client Sample ID: VS
Date Collected: 08/15/22 11:26
Date Received: 08/15/22 16:36

Lab Sample ID: 890-2757-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	32570	08/20/22 16:19	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33042	08/27/22 03:36	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33221	08/29/22 12:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			32406	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32292	08/17/22 08:21	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/17/22 18:24	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	32304	08/17/22 08:47	CH	EET MID
Soluble	Analysis	300.0		1			32675	08/23/22 05:40	CH	EET MID

Client Sample ID: VS
Date Collected: 08/15/22 11:28
Date Received: 08/15/22 16:36

Lab Sample ID: 890-2757-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	32570	08/20/22 16:19	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33042	08/27/22 04:01	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33221	08/29/22 12:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			32406	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32292	08/17/22 08:21	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/17/22 18:46	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	32304	08/17/22 08:47	CH	EET MID
Soluble	Analysis	300.0		1			32675	08/23/22 05:50	CH	EET MID

Client Sample ID: VS
Date Collected: 08/15/22 11:50
Date Received: 08/15/22 16:36

Lab Sample ID: 890-2757-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	32570	08/20/22 16:19	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33042	08/27/22 04:27	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33221	08/29/22 12:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			32406	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32292	08/17/22 08:21	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/17/22 19:08	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Client Sample ID: VS
Date Collected: 08/15/22 11:50
Date Received: 08/15/22 16:36

Lab Sample ID: 890-2757-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	32304	08/17/22 08:47	CH	EET MID
Soluble	Analysis	300.0		10			32675	08/23/22 15:48	CH	EET MID

Client Sample ID: VS
Date Collected: 08/15/22 11:55
Date Received: 08/15/22 16:36

Lab Sample ID: 890-2757-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	32570	08/20/22 16:19	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33042	08/27/22 04:53	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33221	08/29/22 12:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			32406	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32292	08/17/22 08:21	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/17/22 19:30	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32304	08/17/22 08:47	CH	EET MID
Soluble	Analysis	300.0		10			32675	08/23/22 15:57	CH	EET MID

Client Sample ID: VS
Date Collected: 08/15/22 12:00
Date Received: 08/15/22 16:36

Lab Sample ID: 890-2757-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	32570	08/20/22 16:19	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33042	08/27/22 05:19	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33221	08/29/22 12:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			32406	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32292	08/17/22 08:21	DM	EET MID
Total/NA	Analysis	8015B NM		1			32195	08/17/22 19:51	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	32304	08/17/22 08:47	CH	EET MID
Soluble	Analysis	300.0		10			32675	08/23/22 16:06	CH	EET MID

Client Sample ID: VS
Date Collected: 08/15/22 12:05
Date Received: 08/15/22 16:36

Lab Sample ID: 890-2757-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	32570	08/20/22 16:19	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33042	08/27/22 05:45	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33221	08/29/22 12:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			32406	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32394	08/18/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1			32384	08/18/22 13:34	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32304	08/17/22 08:47	CH	EET MID
Soluble	Analysis	300.0		5			32675	08/23/22 06:27	CH	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Client Sample ID: VS

Lab Sample ID: 890-2757-21

Date Collected: 08/15/22 12:10
Matrix: Solid
Date Received: 08/15/22 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	32705	08/22/22 15:07	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33040	08/27/22 07:45	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33221	08/29/22 12:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			32406	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32291	08/17/22 08:20	DM	EET MID
Total/NA	Analysis	8015B NM		1			32193	08/17/22 19:08	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	32303	08/17/22 08:37	CH	EET MID
Soluble	Analysis	300.0		10			32376	08/18/22 16:40	CH	EET MID

Client Sample ID: VS

Lab Sample ID: 890-2757-22

Date Collected: 08/15/22 12:15
Matrix: Solid
Date Received: 08/15/22 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	32705	08/22/22 15:07	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33040	08/27/22 08:06	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33221	08/29/22 12:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			32406	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32291	08/17/22 08:20	DM	EET MID
Total/NA	Analysis	8015B NM		1			32193	08/17/22 19:30	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	32303	08/17/22 08:37	CH	EET MID
Soluble	Analysis	300.0		20			32376	08/18/22 16:49	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-24	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

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

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Salt Mountain 36 State #1 Battery

Job ID: 890-2757-1
SDG: KH227006

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-2757-1	W4	Solid	08/15/22 10:58	08/15/22 16:36	0.5
890-2757-2	W3	Solid	08/15/22 11:00	08/15/22 16:36	0.5
890-2757-3	W2	Solid	08/15/22 11:02	08/15/22 16:36	0.5
890-2757-4	W1	Solid	08/15/22 11:04	08/15/22 16:36	0.5
890-2757-5	S4	Solid	08/15/22 11:06	08/15/22 16:36	0.5
890-2757-6	S3	Solid	08/15/22 11:08	08/15/22 16:36	0.5
890-2757-7	S2	Solid	08/15/22 11:10	08/15/22 16:36	0.5
890-2757-8	S1	Solid	08/15/22 11:12	08/15/22 16:36	0.5
890-2757-9	N4	Solid	08/15/22 11:14	08/15/22 16:36	0.5
890-2757-10	N3	Solid	08/15/22 11:16	08/15/22 16:36	0.5
890-2757-11	N2	Solid	08/15/22 11:18	08/15/22 16:36	0.5
890-2757-12	N1	Solid	08/15/22 11:20	08/15/22 16:36	0.5
890-2757-13	VS	Solid	08/15/22 11:22	08/15/22 16:36	0.5
890-2757-14	VS	Solid	08/15/22 11:24	08/15/22 16:36	0.5
890-2757-15	VS	Solid	08/15/22 11:26	08/15/22 16:36	0.5
890-2757-16	VS	Solid	08/15/22 11:28	08/15/22 16:36	0.5
890-2757-17	VS	Solid	08/15/22 11:50	08/15/22 16:36	0 - 1
890-2757-18	VS	Solid	08/15/22 11:55	08/15/22 16:36	1 - 2
890-2757-19	VS	Solid	08/15/22 12:00	08/15/22 16:36	2 - 3
890-2757-20	VS	Solid	08/15/22 12:05	08/15/22 16:36	3 - 4
890-2757-21	VS	Solid	08/15/22 12:10	08/15/22 16:36	4 - 5
890-2757-22	VS	Solid	08/15/22 12:15	08/15/22 16:36	5 - 6

CHAIN OF CUSTODY RECORD

Terracon

Laboratory: Xenco
Address: 6701 Aberdeen
Lubbock, Texas 79424

Office Location: 4502 W. Pierce St Carlsbad NM, 8822(
Phone:
Contact:
Project Manager: Mike Adams
SRS #:
Sampler's Name: Travis Casey/Austin Morley
Sampler's Signature

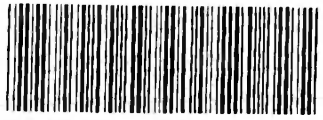
ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:
TEMP OF COOLER WHEN RECEIVED (°C): 3.4/3.2

Page 1 of 1

Project Number	Project Name	No. Type of Conta
KH227006	Salt Mountain 36 State # 1 Battery	

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	4 oz Glass	2 oz Glass	250 ml Glass	Poly	Chloride (EPA Method 300)	TPH Extended 8015	BTEX (EPA Method 8021B)	Lab Sample ID
S	8/15/2022	10:58		X	W4	0.5		X				X	X	X	
S	8/15/2022	11:00		X	W3	0.5		X				X	X	X	
S	8/15/2022	11:02		X	W2	0.5		X				X	X	X	
S	8/15/2022	11:04		X	W1	0.5		X				X	X	X	
S	8/15/2022	11:06		X	S4	0.5		X				X	X	X	
S	8/15/2022	11:08		X	S3	0.5		X				X	X	X	
S	8/15/2022	11:10		X	S2	0.5		X				X	X	X	
S	8/15/2022	11:12		X	S1	0.5		X				X	X	X	
S	8/15/2022	11:14		X	E4	0.5		X				X	X	X	
S	8/15/2022	11:16		X	E3	0.5		X				X	X	X	
S	8/15/2022	11:18		X	E2	0.5		X				X	X	X	
S	8/15/2022	11:20		X	E1	0.5		X				X	X	X	
S	8/15/2022	11:22		X	N4	0.5		X				X	X	X	
S	8/15/2022	11:24		X	N3	0.5		X				X	X	X	
S	8/15/2022	11:26		X	N2	0.5		X				X	X	X	
S	8/15/2022	11:28		X	N1	0.5		X				X	X	X	
S	8/15/2022	11:50		X	VS	0	1	X				X	X	X	
S	8/15/2022	11:55		X	VS	1	2	X				X	X	X	
S	8/15/2022	12:00		X	VS	2	3	X				X	X	X	
S	8/15/2022	12:05		X	VS	3	4	X				X	X	X	
S	8/15/2022	12:10		X	VS	4	5	X				X	X	X	
S	8/15/2022	12:15		X	VS	5	6	X				X	X	X	


890-2757 Chain of Custody

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush
TRRP Laboratory Review Checklist: ☐ Yes ☐ No

Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:
	8/15/22				
Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:
	8.15.22	1636			
Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:
Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:

Bill To: Wagner Oil

e-mail results to:
joseph.guesnier@terraconc.com
travis.casey@terracon.com
mike.adams@terracon.com

Matrix: WW-Wastewater W - Water S - Soil L - Liq A - Air Bag C - Charcoal tube SL - Sludge
Container: VOA - 40 ml vial A/G - Amber Gla 250 ml = Glass wid P/O - Plastic or other

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 890-2757-1
SDG Number: KH227006

Login Number: 2757
List Number: 1
Creator: Clifton, Cloe

List Source: Eurofins Carlsbad

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 <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 890-2757-1
SDG Number: KH227006

Login Number: 2757
List Number: 2
Creator: Rodriguez, Leticia

List Source: Eurofins Midland
List Creation: 08/17/22 11:50 AM

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 C – NMOCD CORRESPONDENCE

From: OCDOnline@state.nm.us>
Sent: Friday, July 1, 2022 3:42 PM
To: Sabrina Bonner <Sbonner@wagneroil.com>
Subject: The Oil Conservation Division (OCD) has rejected the application, Application ID: 9507

To whom it may concern (c/o Sabrina Bonner for WAGNER OIL CO.),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nRM1935736827,
for the following reasons:

- **-Stockpiled soils must be bermed as well as stored on plastic. -Sampling must be representative of 200 sq. ft. area. -The OCD requires a scaled sampling diagram. -A comprehensive vertical and horizontal delineation of soils impacted by the release is required. The OCD requests that a Revised Remediation Plan be submitted within 60 days.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 9507.
Please review and make the required correction(s) prior to resubmitting.
If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,
Jocelyn Harimon
Environmental Specialist
575-748-1283
Jocelyn.Harimon@state.nm.us

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

APPENDIX D – TERRACON STANDARD OF CARE, LIMITATION, AND RELIANCE

Standard of Care

Terracon's services were performed in a manner consistent with generally accepted practices of the profession undertaken in similar studies in the same geographical area during the same time. Terracon makes no warranties, either express or implied, regarding the findings, conclusions, or recommendations. Please note that Terracon does not warrant the work of laboratories, regulatory agencies, or other third parties supplying information used in the preparation of the report. These services were performed in accordance with the scope of work agreed with you, Wagner Oil Company, as reflected in our proposal (PAR227006).

Additional Scope Limitations

The development of this Amended RAP is based upon information provided by the Client and Terracon's remediation and construction services line. Such information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, nondetectable, or not present during these services. We cannot represent that the site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those by information provided by the Client. The data, interpretations, findings, and recommendations are based solely upon reformation executed within the scope of these services.

Reliance

This report has been prepared for the exclusive use of Wagner Oil Company, and any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the site) is prohibited without the express written authorization of Wagner Oil Company and Terracon. Any unauthorized distribution or reuse is at Wagner Oil Company's sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions, and limitations stated in the proposal and Wagner Oil Company and Terracon's Master Services Agreement. The limitation of liability defined in the terms and conditions is the aggregate limit of Terracon's liability to Wagner Oil Company and all relying parties unless otherwise agreed in writins.

APPENDIX E – SITE ASSESSMENT AND REMEDIATION WORK PLAN (HUNGRY HORSE)

4024 Plains Hwy
Lovington, NM 88260
ddominguez@hungry-horse.com
Office: (575) 393-3386

Site Assessment and Remediation Work Plan

Wagner Oil Company
Salt Mountain 36 State #1 Battery
Eddy County, New Mexico
Unit Letter "D", Section 36, Township 26 South, Range 29 East
Latitude 32.00339 North, Longitude 103.94474 West
API# 30-015-24287

Prepared For:

Wagner Oil Company
500 Commerce, Site 500
Ft. Worth, TX 76102

Prepared By:

Hungry Horse LLC
4024 Plains Hwy
Lovington, NM 88260

July 2020

Lindsey Nevels
Project Manager

Daniel Dominguez
Sr. Project Manager

Table Of Contents

HUNGRY HORSE, LLC

The following *Site Characterization and Work Plan* serves as a condensed update on field activities undertaken and proposed actions for the afore referenced Site.

Background:

The site is located in Unit Letter D (NW/NW), Section 36, Township 26 South, Range 29 East, approximately 17 miles southeast of Malaga, in Eddy County, New Mexico. The property is owned by the State of New Mexico.

The release site occurred on an active well pad; latitude 32.00339 North, Longitude 103.94474 West. Topographic Map, OSE POD Locations Map, and USGS Well Locations Map are included as Figure 1, Figure 2, and Figure 3 respectively. The initial NMOC Form C-141 indicated that on October 16, 2019 an unknown amount crude oil, and unknown amount of produced water was released into the unlined containment, around processing equipment and into the pasture. The releases are attributed to a failure near the fusion point on the poly line and equipment failure on a storage tank located within the battery containment. Previously submitted pages of the NMOCD Form C-141 are available on the NMOCD Imaging System. Remediation Pages of the NMOCD Form C-141 are included as Attachment V.

The release areas measure approximately 28,800 sq. ft. The fluid spread throughout the containment, the processing equipment and into the pasture.

NMOCD Site Classification:

A search of the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) groundwater databases was completed in an effort to determine the horizontal distance to known water sources within a half mile radius of the Release Site. Approximate depth to groundwater was determined using maintained and published water well data. Karst mapping indicates the lateral extents of the release overly an unstable area such as karst geology. Depth to groundwater information is provided as Attachment II and the results are depicted on Figures 1 & 2.

Utilizing this information, the NMOCD Closure Criteria for the Site were determined as follows:

Depth to Groundwater	Constituent	Method	Limit
51' – 100'	Chloride	EPA 300.0 or SM4500 CLB	600 mg/kg
	TPH (GRO + DRO + MRO)	EPA SW-846 Method 8015M Ext	100 mg/kg
	BTEX	EPA SW-846 Methods 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Methods 8021B or 8260B	10 mg/kg

Delineation Activities:

From November 25, 2019 through December 9, 2019, Hungry Horse conducted an initial site assessment and a series of sampling events. During the sampling events, a series of sample test trenches were advanced throughout the release area in an effort to determine the vertical extent of contamination. In addition, sample test trenches were advanced along the inferred edges of the affected area in an effort to determine the horizontal extent of contamination. During the advancement of the test trenches, soil samples were collected and field screened for chloride concentrations utilizing a LaMotte Chloride Kit (Titration Method).

Based on field observations and field test data, thirty-six (36) representative soil samples were selected for laboratory analysis. Delineation soil samples SP1 through SP32, and SW1 through SW4, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated elevated TPH and chloride concentrations throughout the tank battery, process equipment, and pasture areas, ranging in depth from four (4) to sixteen (16) ft. bgs. The horizontal extent of the release area was adequately defined.

On March 9, 2020, Hungry Horse mobilized onsite to further delineate the tank battery and process equipment areas. Sample locations were selected in the areas where remediation would be incomplete, and deferral requested, due to the presence of processing equipment. Three (3) delineation samples, BH1, BH2, and BH3, were collected and submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the NMOCD Closure Criteria and the areas had been adequately delineated.

A Proposed Remediation Phases Map is provided as Figure 4 and Field data is provided as Attachment III. A Summary of Soil Laboratory Analytical Results is provided as Table 1 and Laboratory Analytical Reports are provided as Attachment IV.

Proposed Actions:

For sampling purposes, the release area was divided into four areas: the tank battery, the well pad, the processing equipment, and the area in the pasture. Sample locations correlate to the areas as follows.

- Sample locations SP1, SP2, SP3, SP4, SP5, SP6, SP7, SP8, SP9, SP10, and BH1 represent the release area located around the tank battery.
- Sample locations SP11, SP12, SP13, SP14, represent the area on the well pad.
- Sample locations SP15, SP16, SP17, SP18, SP19, SP20, SP21, SP22, BH2, and BH3 represent the area around the processing equipment.
- Sample locations SP23, SP24, SP25, SP26, SP27, SP28, SP29, SP30, SP31, and SP32 represent the pasture area.

Based on the initial site assessment, field sampling, and laboratory analytical results, the following remediation activities are proposed, in three phases, in an effort to advance the site toward approved closure.

Phase 1

Phase 1 of site remediation will cover the tank battery and well pad area, indicated in green on the Proposed Remediation Phases Map. In an effort to not compromise the integrity of surface equipment, lines, and tanks, the tank battery area will be excavated by hand to a depth of approximately one (1) foot bgs. The containment berms around the tanks will also be increased in height to three (3) feet, to improve the containment capacity around the tank battery. The remainder of the contamination will be left in situ until such time as the tank battery is decommissioned.

The well pad area will be excavated to depth of approximately six (6) inches bgs or until laboratory analytical results indicate contaminant concentrations are below the NMOCD Closure Criteria. Impacted soil will be temporarily stockpiled onsite, atop plastic, until hauled to a state approved disposal facility.

Confirmation soil samples will be collected from the excavation floor and sidewalls, and submitted the laboratory for analysis of BTEX, TPH, and chloride. Upon receiving laboratory analytical results from excavation confirmation soil samples, the excavation will be backfilled with non-impacted like material.

Phase 2

Phase 2 of site remediation will cover the eastern and northern edge of the location, including the well head and processing equipment, indicated in yellow on the Proposed Remediation Phases Map. In an effort to not compromise the integrity of the process lines and well head, the area will be excavated by hand to a depth of approximately one (1) foot bgs. The remainder of the contamination will be left in situ until such time as the facility is decommissioned. Impacted soil will be temporarily stockpiled onsite, atop plastic, until hauled to a state approved disposal facility.

Confirmation soil samples will be collected from the excavation floor and sidewalls, and submitted the laboratory for analysis of BTEX, TPH, and chloride. Upon receiving laboratory analytical results from excavation confirmation soil samples, the excavation will be backfilled with non-impacted like material.

Phase 3

Phase 3 of site remediation will cover the pasture area to the north of the location, indicated in blue on the Proposed Remediation Phases Map. The areas characterized by sample locations SP23, SP24, SP26, and SP29 will be excavated to a depth of approximately two (2) feet bgs. The

remaining area, characterized by sample locations SP25, SP27, SP28, SP30, SP31, and SP32 will be excavated to a depth of approximately four (4) feet bgs. Excavation activities in the pasture area will continue vertically and laterally until laboratory analytical data indicate contaminant concentrations below the NMOCD Closure Criteria. Impacted soil will be temporarily stockpiled onsite, atop plastic, until hauled to a state approved disposal facility.

Confirmation soil samples will be collected from the excavation floor and sidewalls, and submitted the laboratory for analysis of BTEX, TPH, and chloride. Upon receiving laboratory analytical results from excavation confirmation soil samples, the excavation will be backfilled with non-impacted like material.

Upon completion of all three Remediation Phases, a *Remediation Summary and Deferral Request* will be prepared detailing field activities and laboratory analytical results from confirmation soil samples. Hungry Horse maintains that further excavation around the tank battery and surface equipment areas would require a major facility deconstruction. Remediation, restoration, and reclamation will be completed when the well or facility is plugged or abandoned, whichever comes first.

Sampling Plan:

Upon completion of each remediation phase, confirmation five-point composite soil samples will be collected from the floor of the excavated area representing every 500 square feet. Confirmation five-point composite soil samples will be also collected from the excavation sidewalls representing no more than 50 linear ft.

Estimated Timeline and Remediated Soil Volume:

All three Remediation Phases are expected to be completed within 90 days of receiving necessary approval of this *Site Assessment and Remediation Work Plan*. Based on laboratory analytical results and field observations it is estimated that approximately 1,900 cubic yards of contaminated material is in need of removal.

Restoration, Reclamation, and Re-Vegetation:

Areas affected by remediation and closure activities will be restored, as practicable, to the condition that existed prior to the release. Excavated areas will be backfilled with locally sourced, non-impacted, like material. The affected areas will be contoured to achieve erosion control and preserve surface water flow. Affected areas not on production areas will be reseeded with an approved seed mixture during the first favorable growing season following closure of the site.

Limitations:

Hungry Horse, LLC, has prepared this Site Assessment and Remediation Work Plan to the best of its ability. No other warranty, expressed or implied, is made or intended. Hungry Horse has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. Hungry Horse has not conducted an independent examination of the facts contained in referenced materials and statements. Hungry Horse has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. Hungry Horse notes that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

Distribution:

Wagner Oil Partners
500 Commerce, Suite 500
Fort Worth, TX 76102

New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 1
1625 N. French Drive
Hobbs, NM 88240

Figures

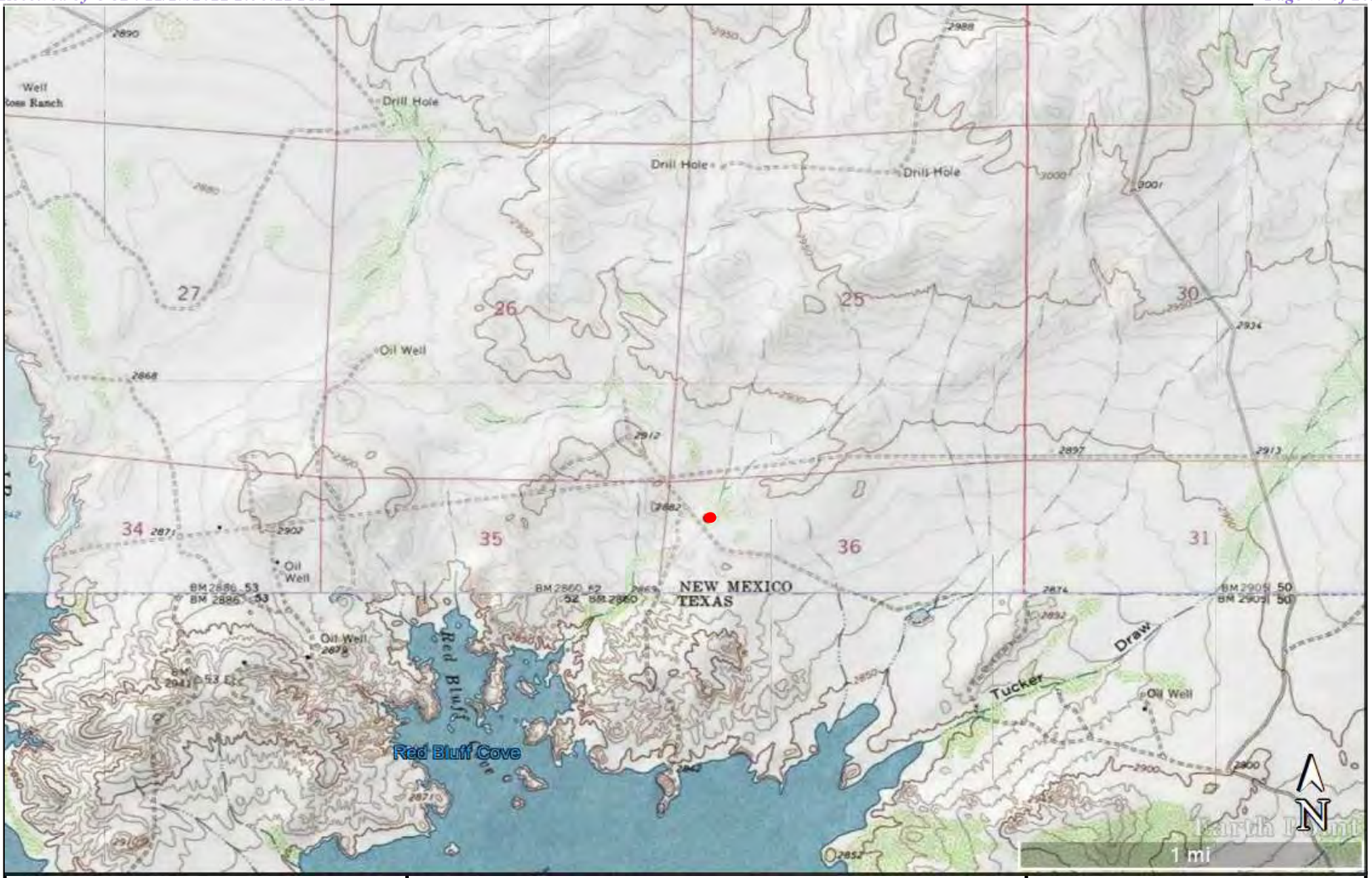


Figure 1
Topographic Map
Wagner Oil Company
Salt Mountain 36 State #1 Battery
GPS: 32.0033913, -103.9447403
Eddy County

Legend:

- Salt Mountain 36 State #1 Battery Location

Drafted: lmn
Checked: dd
Date: 7/21/20

Hungry-Horse, LLC
Oil & Gas Services

Figure 2
OSE POD Locations Map
Wagner Oil Company
Salt Mountain 36 State #1 Battery
GPS: 32.0033913, -103.9447403
Eddy County

Legend:
- Salt Mountain 36 State #1 Battery Location
- OSE Active Well
- OSE Pending Well

Drafted: lmn
Checked: dd
Date: 7/21/20

Hungry-Horse, LLC
Oil & Gas Services

Figure 3
USGS Well Locations Map
Wagner Oil Company
Salt Mountain 36 State #1 Battery
GPS: 32.0033913, -103.9447403
Eddy County

Legend:
- Salt Mountain 36 State #1 Battery Location
- USGS Well

Drafted:
Checked: dd
Date: 7/21/20

Hungry-Horse, LLC
Oil & Gas Services

Figure 4

Proposed Remediation Phases Map

Wagner Oil Company

Salt Mountain 36 State #1 Battery

GPS: 32.0033913, -103.9447403

Eddy County

Legend:

- SP1 — Delineation Sample Locations
- Affected Area
- Phase 1 Remediation
- Phase 2 Remediation
- Phase 3 Remediation

Drafted: lmn

Checked: dd

Date: 7/21/20

Hungry-Horse, LLC
Oil & Gas Services

Tables

TABLE 1
Summary of Soil Sample Field and Laboratory Analytical Results
Wagner Oil Company
Salt Mountain 36 State #1 Battery
NMOCD Ref. #: NRM1935736827

Sample ID	Date	Depth (ft)	Soil Status	Field Chloride (mg/kg)	Benzene (mg/kg)	BTEX (mg/kg)	GRO C_6-C_{10} (mg/kg)	DRO C_{10}-C_{28} (mg/kg)	GRO + DRO C_6-C_{28} (mg/kg)	ORO C_{28}-C_{36} (mg/kg)	TPH C_6-C_{36} (mg/kg)	Chloride (mg/kg)
SP1	11/25/19	10	In-Situ	800	ND	0.629	59.4	11,700	11,759.4	2,700	**14,459**	257
SP2	11/25/19	15	In-Situ	1,680	ND	ND	ND	788	788	231	**1,019**	**1,880**
SP3	11/25/19	12	In-Situ	800	ND	ND	ND	1,440	1,440	715	**2,155**	**956**
SP4	11/25/19	15	In-Situ	4,000	ND	0.23	42.7	4,730	4,772.7	944	**5,717**	**5,550**
SP5	11/25/19	15	In-Situ	3,600	ND	ND	ND	814	814	240	**1,054**	**5,940**
SP6	12/9/19	5	In-Situ	400	ND	0.6955	36.7	7,670	7,706.7	1,500	**9,207**	**2,070**
SP7	11/25/19	8	In-Situ	5,600	ND	ND	ND	201	201	99.2	**300.2**	**11,800**
SP8	11/25/19	5	In-Situ	2,000	ND	ND	ND	4,980	4,980	1,530	**6,510**	**2,630**
SP9	11/25/19	5	In-Situ	160	ND	ND	ND	4,040	4,040	1,460	**5,500**	**2,630**
SP10	12/2/19	16	In-Situ	880	ND	ND	ND	2,660	2,660	574	**3,234**	**1,020**
SP11	11/20/19	2	In-Situ	320	ND	ND	ND	ND	ND	ND	ND	74
SP12	11/20/19	2	In-Situ	440	ND	ND	ND	ND	ND	ND	ND	558
SP13	11/20/19	2	In-Situ	290	ND	ND	ND	ND	ND	ND	ND	ND
SP14	11/20/19	2	In-Situ	380	ND	ND	ND	ND	ND	ND	ND	317
SP15	11/25/19	2	In-Situ	600	ND	ND	ND	ND	ND	ND	ND	516
SP16	12/2/19	2	In-Situ	590	ND	ND	ND	98	98	ND	98	249
SP17	11/25/19	10	In-Situ	1,700	ND	ND	ND	298	298	144	**442**	**1,740**
SP18	12/9/19	12	In-Situ	590	ND	ND	ND	ND	ND	ND	ND	294
SP19	12/19/19	10	In-Situ	2,560	ND	ND	ND	ND	ND	ND	ND	**2,500**
SP20	12/9/19	6	In-Situ	490	ND	ND	ND	ND	ND	ND	ND	383
SP21	12/9/19	10	In-Situ	1,360	ND	ND	ND	52	52	ND	52	**1,120**
SP22	11/26/19	10	In-Situ	584	ND	ND	ND	ND	ND	ND	ND	259
SP23	12/9/19	2	In-Situ	480	ND	ND	ND	ND	ND	ND	ND	290
SP24	12/9/19	3	In-Situ	380	ND	ND	ND	ND	ND	ND	ND	238
SP25	12/9/19	4	In-Situ	3,800	ND	ND	ND	ND	ND	ND	ND	**3,510**
SP26	12/9/19	3	In-Situ	380	ND	ND	ND	ND	ND	ND	ND	445
SP27	12/9/19	4	In-Situ	4,600	ND	ND	ND	ND	ND	ND	ND	**4,390**
SP28	12/9/19	4	In-Situ	490	ND	ND	ND	ND	ND	ND	ND	**1,070**
SP29	12/2/19	4	In-Situ	330	ND	ND	ND	2,160	2,160	756	**2,916**	290
SP30	12/9/19	4	In-Situ	1,260	ND	ND	ND	1,820	1,820	509	**2,329**	**1,000**
SP31	12/9/19	4	In-Situ	1,240	ND	ND	ND	ND	ND	ND	ND	**1,060**
SP32	12/9/19	4	In-Situ	2,110	ND	ND	ND	ND	ND	ND	ND	**1,910**
SW1	12/9/19	2	In-Situ	320	ND	ND	ND	ND	ND	ND	ND	ND
SW2	12/9/19	2	In-Situ	360	ND	ND	ND	ND	ND	ND	ND	ND
SW3	12/9/19	2	In-Situ	210	ND	ND	ND	ND	ND	ND	ND	ND
SW4	12/9/19	2	In-Situ	180	ND	ND	ND	ND	ND	ND	ND	ND
BH1	3/9/20	18	In-Situ	160	ND	ND	ND	ND	ND	ND	ND	171
BH2	3/9/20	15	In-Situ	80	ND	ND	ND	ND	ND	ND	ND	99.3
BH3	3/9/20	15	In-Situ	420	ND	ND	ND	ND	ND	ND	ND	590
NMOCD Closure Criteria				-	**10**	**50**	-	-	-	-	**100**	**600**

NOTES:
- = Sample not analyzed for that constituent.
Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

Attachment I
Site Photographs

Photographs

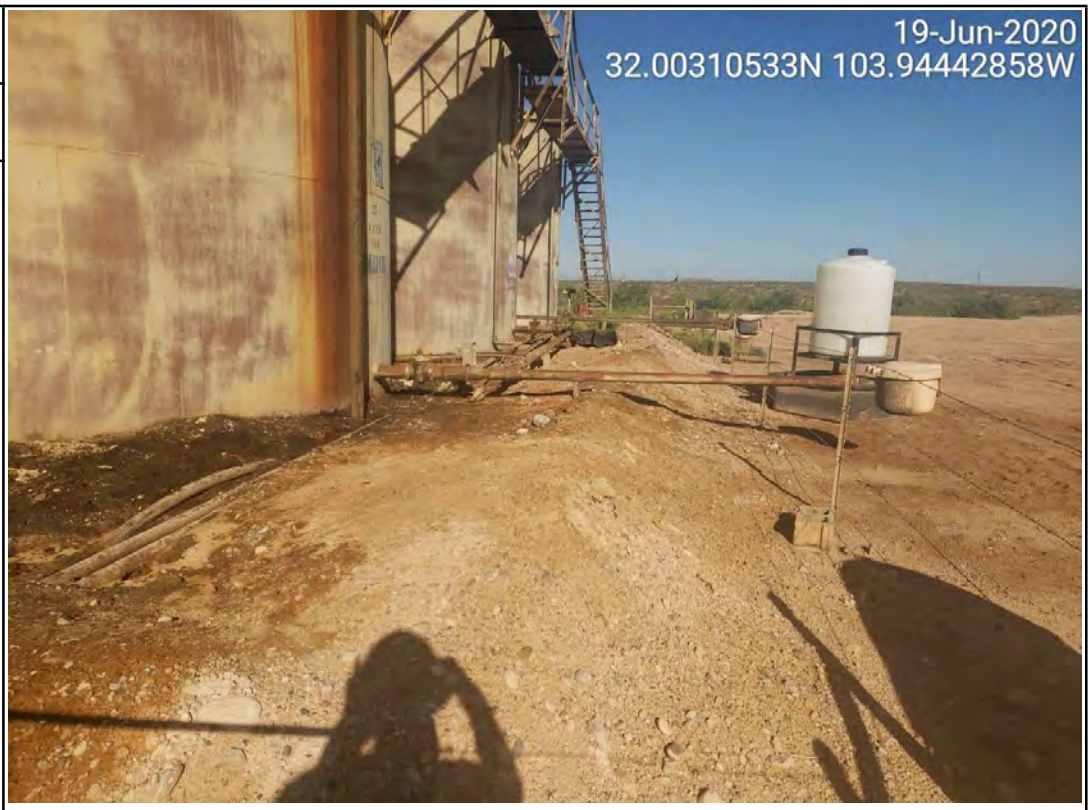
Photo: 1 **Direction:** West **Description:** View across release area.	

Photo: 2 **Direction:** North **Description:** View across release area.	

Photographs

Photo: 3 **Direction:** North **Description:** View across release area.	

Photo: 4 **Direction:** North **Description:** View across release area.	

Photographs

Photo: 5 **Direction:** North **Description:** View across release area.	

Photo: 6 **Direction:** Northwest **Description:** View across release area.	

Attachment II
Depth to Groundwater Information

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 02038	C	ED	3	2	4	26	26S	29E	599204	3541992*	837	200		

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 599672.42 **Northing (Y):** 3541298 **Radius:** 880

***UTM location was derived from PLSS - see Help**

New Mexico Office of the State Engineer

Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64	Q16	Q4	Sec	Tws	Rng	(NAD83 UTM in meters) X	Y
	C 02038	3	2	4	26	26S	29E	599204	3541992*

Driller License:	421	**Driller Company:**	GLENN'S WATER WELL SERVICE		
Driller Name:	CORKY GLENN				
Drill Start Date:	09/01/1982	**Drill Finish Date:**	09/05/1982	**Plug Date:**	
Log File Date:	09/16/1982	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	6.63	**Depth Well:**	200 feet	**Depth Water:**	

Casing Perforations:	Top	Bottom
	100	140

***UTM location was derived from PLSS - see Help**

USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: United States | GO

Click to hideNews Bulletins

- Introducing The Next Generation of USGS Water Data for the Nation
- Full News

Groundwater levels for the Nation

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 320106103555301

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 320106103555301 26S.29E.26.13143

Eddy County, New Mexico
Latitude 32°00'51.3", Longitude 103°57'42.0" NAD83
Land-surface elevation 2,883.00 feet above NGVD29
The depth of the well is 140 feet below land surface.
This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurem
1983-01-26		D	54.30			2		U		
1987-10-14		D	35.29			2		U		
1992-11-04		D	44.06			2		S		
1998-01-28		D	53.01			2		S		
2003-01-27		D	55.93			2		S	USGS	
2013-01-09	12:00 MST	m	57.81			2		S	USGS	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Method of measurement	S	Steel-tape measurement.
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement	A	Reported by another government agency (do not use "A" if reported by owner, use "O").
Source of measurement	R	Reported by person other than the owner, driller, or another government agency.
Source of measurement	U	Source is unknown.

Section	Code	Description
Water-level approval status	A	Approved for publication -- Processing and review completed.

Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

Title: Groundwater for USA: Water Levels
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2020-06-29 09:58:12 EDT
0.25 0.21 nadww01

Attachment III
Field Data

27

Wagner Salt mountain State 36

11.14.19

Spl - surf 20x20 = 400 8:[illegible] TPH
Spl - 1' 8:01 240 12x20 = 240
Spl - 2' 8:13 12x20 = 240 TPH
Spl - 3' 8:20 30x20 = 600 TPH
Spl - 4' 8:27 20x20 = 400 TPH
Spl - 5' 8:31 60x20 = 1200 TPH
Spl - 6' 8:43 48x20 = 960 TPH
Spl - 7' 8:50 48x20 = 960 TPH
Spl - 8' 8:57 28x20 = 560 TPH
Spl - 9' 9:01 16x20 = 320 TPH
Spl - 10' 8:30 40x20 = 800 lab 11.2019

deeper

Sp2 - surf 11:30 20x20 = 400
Sp2 - 1' 11:35 20x20 = 400
Sp2 - 2' 11:41 20x20 = 400
Sp2 - 3' 11:47 20x20 = 400 TPH
Sp2 - 4' 11:15 16x20 = 320 TPH
Sp2 - 5' 9:35 40x20 800 TPH
Sp2 - 6' 12:07 40x20 = 800 TPH
Sp2 - 7' 12:20 60x20 = 1200 TPH
Sp2 - 8' 12:25 64x20 = TPH 1200
Sp2 - 9' 9:30 120x20 = 2400 TPH
Sp2 - 10' 9:00 80x20 = 1600 TPH
Sp2 - 11' 9:13 80x20 = 1600 TPH
Sp2 - 12' 9:15 80x20 = 1600 TPH
Sp2 - 13' 9:18 84x20 = 1680
Sp2 - 14' 9:27 84x20 = 1680
Sp2 - 15 11:00 84x20 = 1680 lab 11.20.19

29

SP3 - surf	10:25	20x20 = 400	8x20 = 160
1'	10:40	100x20 = 2000	40x20 = 800
2'	10:55	100x20 = 2000	64x20 = 1280
3'	11:05	80x20 = 1600	100x20 = 2000
4'	11:20	80x20 = 1600	40x20 = 800
5	11:30	44x20 = 880	34x20 = 680
6	11:45	44x20 = 880	28x20 = 560
7	11:55	44x20 = 880	20x20 = 400
8	12:10	44x20 = 880	24x20 = 480
9	12:40	40x20 = 800	12x20 = 240
10	12:55	40x20 = 800	24x20 = 480
11	1:10	40x20 = 800	28x20 = 560
12	1:25	40x20 = 800	40x20 = 800 lab 11/20/19

SP4 - surf	1:40	20x20 = 400	12x20 = 240
• 1'	1:55	20x20 = 400	12x20 = 240
• 2'	2:10	20x20 = 400	12x20 = 240
• 3'	2:20	24x20 = 480	24x20 = 480
4'	2:35	60x20 = 1200	[illegible] 28x20 = 560
5'	2:45	60x20 = 1200	16x20 = 320
6'	2:55	80x20 = 1600	12x20 = 240
7'	3:10	120x20 = 2400	40x20 = 800
8'	3:10	120x20 = 2400	64x20 = 1280
• 9'	3:35	120x20 = 2400	80x20 = 1600
• 10'	3:45	120x20 = 2400	84x20 = 1680
11'	3:55	120x20 = 2400	60x20 = 1200
12'	4:00	120x20 = 2400	64x20 = 1280
13	4:10	120x20 = 2400	64x20 = 1280
14	4:25	120x20 = 2400	84x20 = 1680
15	4:35	120x20 = 2400	200x20 = 4000 lab 11/20/19

27

11:13:

Sp 5 •	surf	9:00	20x20 = 400	4X20 = 160
•	1'	9:00	20x20 = 400	4X20 = 160
•	2'	9:15	12x20 = 240	12X20 = 240
•	3'	9:25	12x20 = 240	16X20 = 320
	4'	9:35	40x20 = 800	16x20 = 320
•	5'	9:45	40x20 = 800	16x20 = 320
•	6	9:55	24X20 = 480	16X20 = 320
•	7	10:05	24X20 = 480	16X20 = 320
•	8	10:15	24X20 = 480	40X20 = 800
•	9	10:25	160X20 = 480	80X20 = 1600
•	10	10:35	160X20 = 480	84X20 = 1680
	11	10:40	160X20 = 480	88X20 = 1760
	12	10:55	120X20 = 2400	60X20 = 1200
	13	11:05	120X20 = 2400	68X20 = 1360
	14	11:15	360X20 = 7200	200X20 = 4000
	15	11:20	360X20 = 7,200	180X20 = 3600 lab 11/20/19
Sp 6	Surf	11:30	20X20 = 400	
	1'	11:35	20X20 = 400	

Sp 7 -	surf	11:45	60X20 = 1200	
	1'	11:55	60X20 = 1200	88X20 = 1,760
	2'	12:10	320X20 = 6,400	200X20 = 4,000
	3'	12:40	320X20 = 6,400	280X20 = 5600
	4'	12:55	320X20 = 6,400	520X20 = 10400
	6'	1:05	320X20 = 6,400	460X20 = 9200
	6'	1:15	420X20 = 8,400	440X20 = 8800
	7'	1:25	420X20 = 8,400	360X20 = 7200
	8	1:35	420X20 = 8,400	280X20 = 5,600 lab 11/20/19

21

Sp 8 Surf	1:50	20x20 = 400	12x20 = 240	
1'	2:10	120x20 = 2,400	48x20 = 960	
2'	2:20	160x20 = 3,200	100x20 = 2000	
3'	2:35	200x20 = 4000	88x20 = 1760	
4'	2:50	200x20 = 4000	100x20 = 2000	
5'	2:55	180x20 = 3,600	100x20 = 2000	lab 11/26/19

11-14-19

Sp 9 - surf	8:30	20x20 = 400	8x20 = 160	
1'	8:45	20x20 = 400	8x20 = 160	
2'	8:55	8x20 = 160	8x20 = 160	lab 11/20/19
3'	9:10	8x20 = 160	8x20 = 160	
4'	9:25	8x20 = 160	8x20 = 160	
6'	9:35	8x20 = 160	8x20 = 160	

Sp 10 - surf	10:00	64x20 = 1,280	48x20 = 960	
2	10:10	40x20 = 800	40x20 = 800	
4	10:30	28x20 = 560	28x20 = 560	
6	10:40	48x20 = 880	44x20 = 880	
8	12:00	60x20 = 1200	48x20 = 960	
10	12:10	44x20 = 880	44x20 = 880	
12	12:20	44x20 = 880	44x20 = 880	lab 11/20/19

Sp 11 Surf	20x20 = 400	1:00	16x20 = 320	
2'	20x20 = 400	1:13 went to lab	11/18/19	16x20 = 300

Wagner Salt mountain

Sp 12	surf	1:25	20x20 = 400	TPH
	1'	1:31	590	TPH
	2'	1:57	440	Lab
Sp 13	surf	2:07	400	TPH
	1'	2:31	380	TPH
	2'	2:40	290	
Sp 14	surf	3:07	480	TPH
	1'	3:23	= 380	TPH
	2'	3:40	= 380	
Sp 15	surf	7:30	800	TPH
	1'	8:00	700	TPH
	2'	8:17	600	TPH
Sp 16	surf	~~noon~~ 8:21	1000	TPH
	1'	8:30	800	TPH
	2'	8:45	590	
Sp 17	surf	3:06	16,000	
	2'	3:13	6,400	
	4'	3:20	2,960	
	6'	3:31	1,760	
	8'	3:40	1,760	
	10'	3:53	1,700	

Wamsutter Salt Mountain 12/19

Sp 18 surf 1,9850
2' -3:15= 2,960
4' 3:21 1,440
6' 3:40 800
8' 3:45 640
10' 3:50 600
R 12' 4:00 590 Sub

Sp 19 surf 9:00 2,560 TPH
2' 9:10 2,770 TPH
4' 9:17 2,400 TPH
6' 9:25 2,560 TPH
8' 9:37 2,560 TPH
R 10 9:49 2,560 TPH

Sp 20 Surf 10:17 LOL 18,250 TPH
2' 10:30 2,700 TPH
4' 10:41 800
6 10:57 490

Sp 21 surf 11:17 14,560 TPH
2' 11:29 2,500 TPH
4' 11:31 1840 TPH
6' 11:39 1440 TPH
8' 11:42 1,400 TPH
10' 12:00 1,360

Wagnell Salt mountain

Sp 22	surf	1,440	TPH	
	2'	1,000	TPH	
	4'	880	TPH	
	6'	640	TPH	
	8'	590	TPH	
	10	584		
Sp 23	surf	1440	TPH	
	1'	640	TPH	
	2'	480		
Sp 24	surf	3,280	TPH	
	1'	800	TPH	
	2'	600	TPH	
	3'	380	Lab	
Sp 25	surf	6,000	TPH	
	1'	4,400	TPH	
	2'	3,700	TPH	
	3	3,810	TPH	
R	4'	3,800	TPH	Refusal - (Solid Rock) can't go deeper
Sp 26.	surf	1120	TPH	
	1'	880	TPH	
	2'	680	TPH	
	3'	380		

Wasson Salt Monitor

Sp 27 - surf 9,200 TPH
1' 7,000 TPH
2' 6,500 TPH
3' 5,800 TPH
4 4,600 TPH - Refusal (Rock)

Sp. 28 surf 1120 TPH
1 940 TPH
2' 800 TPH
3' 680 TPH
4 490 Lab

Sp. 29 Surf 240 TPH
1' 340 TPH
2' 400 TPH
3' 334 TPH
4 330 Lab

Sp 30 Surf 1160 TPH
1' 690 TPH
2' 800 TPH
3' 960 TPH
4' 1260

Sp 31 - Surf 1120 TPH
1' 1910 TPH
2' 1840 TPH
3' 1300 TPH
4' 1240

Sp 32 Surf 1280 TPH
1' 2070 TPH
2' 1800 TPH
3' 2000 TPH
4' 2110

SW1 Surf 590
2' 320

SW2 Surf 400
2' 360

SW3 Surf 290
2' 210

SW4 Surf 240
2' 180

Wagner Salt Mountain State March 9, 2020

BH 1 Surf 2' 28 x 20 = 560
4' 60 x 20 = 12,00
6' 104 x 20 = 2,080
8' 72 x 20 = 1,440
10' 40 x 20 = 800
12' 28 x 20 = 560
14' 38 x 20 = 760
16' 28 x 20 = 560
18' 8 x 20 = 160

BH 2 Surf 436 x 20 = 8720
2' 140 x 20 5,600
4' 72 x 20 = 1440
6' 70 x 20 = 1400
8' 32 x 20 = 640
10' 200 x 20 = 4000
11' 28 x 20 = 560
13' 24 x 20 = 480
15' 4 x 20 = 80

BH 3 Surf 260 x 20 = 5,200
2' 208 x 20 = 4,160
4' 152 x 20 = 3,040
6' 108 x 20 = 2,160
8' 116 x 20 = 2,320
10' 164 x 20 = 3,280
11' 108 x 20 = 2,160
12' 84 x 20 = 1,680
13' 60 x 20 = 1,200
14' 28 x 20 = 560
15' 402 21 x 20 = 420

Attachment IV
Laboratory Analytical Reports

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Analytical Laboratory

Analytical Report

Report Summary

Client: Wagner Oil

Samples Received: 11/22/2019
Job Number: 19054-0003
Work Order: P911104
Project Name/Location: Salt Mountain St 36

Report Reviewed By: Walter Hinchman Date: 11/25/19

Walter Hinchman, Laboratory Director

NELAP ACCREDITED TNI LABORATORY

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24 Hour Emergency Response Phone (800) 362-1879
envirotech-inc.com
Labadmin@envirotech-inc.com

envirotech
Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain St 36	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	11/25/19 14:06

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP1	P911104-01A	Soil	11/14/19	11/22/19	Glass Jar, 4 oz.
SP2	P911104-02A	Soil	11/14/19	11/22/19	Glass Jar, 4 oz.
SP3	P911104-03A	Soil	11/15/19	11/22/19	Glass Jar, 4 oz.
SP4	P911104-04A	Soil	11/15/19	11/22/19	Glass Jar, 4 oz.
SP5	P911104-05A	Soil	11/15/19	11/22/19	Glass Jar, 4 oz.
SP6	P911104-06A	Soil	11/15/19	11/22/19	Glass Jar, 4 oz.
SP7	P911104-07A	Soil	11/15/19	11/22/19	Glass Jar, 4 oz.
SP8	P911104-08A	Soil	11/15/19	11/22/19	Glass Jar, 4 oz.
SP9	P911104-09A	Soil	11/15/19	11/22/19	Glass Jar, 4 oz.
SP10	P911104-10A	Soil	11/15/19	11/22/19	Glass Jar, 4 oz.
SP15	P911104-11A	Soil	11/15/19	11/22/19	Glass Jar, 4 oz.
SP16	P911104-12A	Soil	11/14/19	11/22/19	Glass Jar, 4 oz.
SP17	P911104-13A	Soil	11/15/19	11/22/19	Glass Jar, 4 oz.

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain St 36	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	11/25/19 14:06

SP1
P911104-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	0.0500	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
Toluene	ND	0.0500	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
Ethylbenzene	ND	0.0500	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
p,m-Xylene	**0.255**	0.100	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
o-Xylene	**0.374**	0.0500	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
Total Xylenes	**0.629**	0.0500	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8260B*	
Surrogate: Toluene-d8		*88.6 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*107 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8260B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	**11700**	250	mg/kg	10	1947039	11/21/19	11/22/19	EPA 8015D	
Oil Range Organics (C28-C40)	**2700**	500	mg/kg	10	1947039	11/21/19	11/22/19	EPA 8015D	
Surrogate: n-Nonane		*156 %*		*50-200*	*1947039*	*11/21/19*	*11/22/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	**59.4**	40.0	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8015D*	
Surrogate: Toluene-d8		*88.6 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8015D*	
Surrogate: Bromofluorobenzene		*107 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**257**	20.0	mg/kg	1	1947046	11/22/19	11/22/19	EPA 300.0/9056A	

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain St 36	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	11/25/19 14:06

SP2
P911104-02 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	0.0500	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
Toluene	ND	0.0500	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
Ethylbenzene	ND	0.0500	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
p,m-Xylene	ND	0.100	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
o-Xylene	ND	0.0500	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
Total Xylenes	ND	0.0500	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8260B*	
Surrogate: Toluene-d8		*104 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*86.4 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8260B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	**788**	50.0	mg/kg	2	1947039	11/21/19	11/22/19	EPA 8015D	
Oil Range Organics (C28-C40)	**231**	100	mg/kg	2	1947039	11/21/19	11/22/19	EPA 8015D	
Surrogate: n-Nonane		*111 %*		*50-200*	*1947039*	*11/21/19*	*11/22/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	40.0	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8015D*	
Surrogate: Toluene-d8		*104 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8015D*	
Surrogate: Bromofluorobenzene		*86.4 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**1880**	20.0	mg/kg	1	1947046	11/22/19	11/22/19	EPA 300.0/9056A	

envirotech Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain St 36	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	11/25/19 14:06

SP3
P911104-03 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	0.0500	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
Toluene	ND	0.0500	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
Ethylbenzene	ND	0.0500	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
p,m-Xylene	ND	0.100	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
o-Xylene	ND	0.0500	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
Total Xylenes	ND	0.0500	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*97.8 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8260B*	
Surrogate: Toluene-d8		*105 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*108 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8260B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	**1440**	250	mg/kg	10	1947039	11/21/19	11/22/19	EPA 8015D	
Oil Range Organics (C28-C40)	**715**	500	mg/kg	10	1947039	11/21/19	11/22/19	EPA 8015D	
Surrogate: n-Nonane		*114 %*		*50-200*	*1947039*	*11/21/19*	*11/22/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	40.0	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		*97.8 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8015D*	
Surrogate: Toluene-d8		*105 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8015D*	
Surrogate: Bromofluorobenzene		*108 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**956**	40.0	mg/kg	2	1947046	11/22/19	11/22/19	EPA 300.0/9056A	

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Wagner Oil	Project Name:	Salt Mountain St 36	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	11/25/19 14:06

SP4
P911104-04 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	0.0500	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
Toluene	ND	0.0500	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
Ethylbenzene	ND	0.0500	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
p,m-Xylene	**0.111**	0.100	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
o-Xylene	**0.119**	0.0500	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
Total Xylenes	**0.230**	0.0500	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8260B*	
Surrogate: Toluene-d8		*112 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*103 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8260B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	**4730**	250	mg/kg	10	1947039	11/21/19	11/25/19	EPA 8015D	
Oil Range Organics (C28-C40)	**944**	500	mg/kg	10	1947039	11/21/19	11/25/19	EPA 8015D	
Surrogate: n-Nonane		*130 %*		*50-200*	*1947039*	*11/21/19*	*11/25/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	**42.7**	40.0	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8015D*	
Surrogate: Toluene-d8		*112 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8015D*	
Surrogate: Bromofluorobenzene		*103 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**5550**	200	mg/kg	10	1947046	11/22/19	11/22/19	EPA 300.0/9056A	

envirotech
Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain St 36	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	11/25/19 14:06

SP5
P911104-05 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	0.0500	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
Toluene	ND	0.0500	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
Ethylbenzene	ND	0.0500	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
p,m-Xylene	ND	0.100	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
o-Xylene	ND	0.0500	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
Total Xylenes	ND	0.0500	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*109 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8260B*	
Surrogate: Toluene-d8		*91.9 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*104 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8260B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	**814**	25.0	mg/kg	1	1947039	11/21/19	11/22/19	EPA 8015D	
Oil Range Organics (C28-C40)	**240**	50.0	mg/kg	1	1947039	11/21/19	11/22/19	EPA 8015D	
Surrogate: n-Nonane		*101 %*		*50-200*	*1947039*	*11/21/19*	*11/22/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	40.0	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		*109 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8015D*	
Surrogate: Toluene-d8		*91.9 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8015D*	
Surrogate: Bromofluorobenzene		*104 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**5940**	200	mg/kg	10	1947046	11/22/19	11/22/19	EPA 300.0/9056A	

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Wagner Oil	Project Name:	Salt Mountain St 36	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	11/25/19 14:06

SP6
P911104-06 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	0.0500	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
Toluene	ND	0.0500	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
Ethylbenzene	ND	0.0500	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
p,m-Xylene	ND	0.100	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
o-Xylene	ND	0.0500	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
Total Xylenes	ND	0.0500	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8260B*	
Surrogate: Toluene-d8		*98.7 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*85.7 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8260B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	**15700**	125	mg/kg	5	1947039	11/21/19	11/22/19	EPA 8015D	
Oil Range Organics (C28-C40)	**3970**	250	mg/kg	5	1947039	11/21/19	11/22/19	EPA 8015D	
Surrogate: n-Nonane		*116 %*		*50-200*	*1947039*	*11/21/19*	*11/22/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	40.0	mg/kg	2	1947047	11/22/19	11/24/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8015D*	
Surrogate: Toluene-d8		*98.7 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8015D*	
Surrogate: Bromofluorobenzene		*85.7 %*		*70-130*	*1947047*	*11/22/19*	*11/24/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**144**	40.0	mg/kg	2	1947046	11/22/19	11/22/19	EPA 300.0/9056A	

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Wagner Oil	Project Name:	Salt Mountain St 36	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	11/25/19 14:06

SP7
P911104-07 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*99.2 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8260B*	
Surrogate: Toluene-d8		*99.1 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*102 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8260B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	**201**	25.0	mg/kg	1	1947039	11/21/19	11/22/19	EPA 8015D	
Oil Range Organics (C28-C40)	**99.2**	50.0	mg/kg	1	1947039	11/21/19	11/22/19	EPA 8015D	
Surrogate: n-Nonane		*101 %*		*50-200*	*1947039*	*11/21/19*	*11/22/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		*99.2 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8015D*	
Surrogate: Toluene-d8		*99.1 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8015D*	
Surrogate: Bromofluorobenzene		*102 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**11800**	200	mg/kg	10	1947046	11/22/19	11/22/19	EPA 300.0/9056A	

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Wagner Oil	Project Name:	Salt Mountain St 36	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	11/25/19 14:06

SP8
P911104-08

Reporting **(Solid)**

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*99.5 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8260B*	
Surrogate: Toluene-d8		*99.0 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*88.8 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8260B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	**4980**	50.0	mg/kg	2	1947039	11/21/19	11/22/19	EPA 8015D	
Oil Range Organics (C28-C40)	**1530**	100	mg/kg	2	1947039	11/21/19	11/22/19	EPA 8015D	
Surrogate: n-Nonane		*110 %*		*50-200*	*1947039*	*11/21/19*	*11/22/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		*99.5 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8015D*	
Surrogate: Toluene-d8		*99.0 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8015D*	
Surrogate: Bromofluorobenzene		*88.8 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**2630**	200	mg/kg	10	1947046	11/22/19	11/22/19	EPA 300.0/9056A	

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain St 36	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	11/25/19 14:06

SP9
P911104-09 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8260B*	
Surrogate: Toluene-d8		*100 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*100 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8260B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	**4040**	250	mg/kg	10	1947039	11/21/19	11/25/19	EPA 8015D	
Oil Range Organics (C28-C40)	**1460**	500	mg/kg	10	1947039	11/21/19	11/25/19	EPA 8015D	
Surrogate: n-Nonane		*94.3 %*		*50-200*	*1947039*	*11/21/19*	*11/25/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8015D*	
Surrogate: Toluene-d8		*100 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8015D*	
Surrogate: Bromofluorobenzene		*100 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**64.2**	20.0	mg/kg	1	1947046	11/22/19	11/22/19	EPA 300.0/9056A	

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Wagner Oil	Project Name:	Salt Mountain St 36	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	11/25/19 14:06

SP10
P911104-10 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*99.6 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8260B*	
Surrogate: Toluene-d8		*100 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*96.2 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8260B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	**212**	25.0	mg/kg	1	1947039	11/21/19	11/22/19	EPA 8015D	
Oil Range Organics (C28-C40)	**122**	50.0	mg/kg	1	1947039	11/21/19	11/22/19	EPA 8015D	
Surrogate: n-Nonane		*99.3 %*		*50-200*	*1947039*	*11/21/19*	*11/22/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		*99.6 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8015D*	
Surrogate: Toluene-d8		*100 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8015D*	
Surrogate: Bromofluorobenzene		*96.2 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**966**	20.0	mg/kg	1	1947046	11/22/19	11/22/19	EPA 300.0/9056A	

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Wagner Oil	Project Name:	Salt Mountain St 36	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	11/25/19 14:06

SP15
P911104-11 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*98.8 %*	*70-130*		*1947047*	*11/22/19*	*11/22/19*	*EPA 8260B*	
Surrogate: Toluene-d8		*91.8 %*	*70-130*		*1947047*	*11/22/19*	*11/22/19*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*		*1947047*	*11/22/19*	*11/22/19*	*EPA 8260B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1947039	11/21/19	11/22/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1947039	11/21/19	11/22/19	EPA 8015D	
Surrogate: n-Nonane		*113 %*	*50-200*		*1947039*	*11/21/19*	*11/22/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		*98.8 %*	*70-130*		*1947047*	*11/22/19*	*11/22/19*	*EPA 8015D*	
Surrogate: Toluene-d8		*91.8 %*	*70-130*		*1947047*	*11/22/19*	*11/22/19*	*EPA 8015D*	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*		*1947047*	*11/22/19*	*11/22/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**516**	20.0	mg/kg	1	1947046	11/22/19	11/22/19	EPA 300.0/9056A	

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Wagner Oil	Project Name:	Salt Mountain St 36	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	11/25/19 14:06

SP16
P911104-12 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*99.2 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8260B*	
Surrogate: Toluene-d8		*99.1 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*95.5 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8260B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	**65.2**	25.0	mg/kg	1	1947039	11/21/19	11/22/19	EPA 8015D	
Oil Range Organics (C28-C40)	**59.4**	50.0	mg/kg	1	1947039	11/21/19	11/22/19	EPA 8015D	
Surrogate: n-Nonane		*79.5 %*		*50-200*	*1947039*	*11/21/19*	*11/22/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		*99.2 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8015D*	
Surrogate: Toluene-d8		*99.1 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8015D*	
Surrogate: Bromofluorobenzene		*95.5 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**2600**	20.0	mg/kg	1	1947046	11/22/19	11/22/19	EPA 300.0/9056A	

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Wagner Oil	Project Name:	Salt Mountain St 36	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	11/25/19 14:06

SP17
P911104-13 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*98.5 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8260B*	
Surrogate: Toluene-d8		*91.4 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*96.2 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8260B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	**298**	25.0	mg/kg	1	1947039	11/21/19	11/22/19	EPA 8015D	
Oil Range Organics (C28-C40)	**144**	50.0	mg/kg	1	1947039	11/21/19	11/22/19	EPA 8015D	
Surrogate: n-Nonane		*128 %*		*50-200*	*1947039*	*11/21/19*	*11/22/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1947047	11/22/19	11/22/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		*98.5 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8015D*	
Surrogate: Toluene-d8		*91.4 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8015D*	
Surrogate: Bromofluorobenzene		*96.2 %*		*70-130*	*1947047*	*11/22/19*	*11/22/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**1740**	20.0	mg/kg	1	1947046	11/22/19	11/22/19	EPA 300.0/9056A	

envirotech Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain St 36	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	11/25/19 14:06

Volatile Organic Compounds by 8260 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1947047 - Purge and Trap EPA 5030A										
Blank (1947047-BLK1)				Prepared: 11/22/19 1 Analyzed: 11/24/19 1						
Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							
Surrogate: 1,2-Dichloroethane-d4	*0.504*		"	*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.544*		"	*0.500*		*109*	*70-130*			
Surrogate: Bromofluorobenzene	*0.493*		"	*0.500*		*98.6*	*70-130*			
LCS (1947047-BS1)				Prepared: 11/22/19 1 Analyzed: 11/24/19 1						
Benzene	2.35	0.0250	mg/kg	2.50		94.0	70-130			
Toluene	2.49	0.0250	"	2.50		99.7	70-130			
Ethylbenzene	2.41	0.0250	"	2.50		96.6	70-130			
p,m-Xylene	4.86	0.0500	"	5.00		97.2	70-130			
o-Xylene	2.42	0.0250	"	2.50		96.7	70-130			
Total Xylenes	7.27	0.0250	"	7.50		97.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.501*		"	*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.514*		"	*0.500*		*103*	*70-130*			
Surrogate: Bromofluorobenzene	*0.487*		"	*0.500*		*97.3*	*70-130*			
Matrix Spike (1947047-MS1)		**Source: P911104-01**		Prepared: 11/22/19 1 Analyzed: 11/24/19 1						
Benzene	4.75	0.0500	mg/kg	5.00	ND	94.9	48-131			
Toluene	4.82	0.0500	"	5.00	ND	96.5	48-130			
Ethylbenzene	5.07	0.0500	"	5.00	ND	101	45-135			
p,m-Xylene	10.4	0.100	"	10.0	0.255	102	43-135			
o-Xylene	4.98	0.0500	"	5.00	0.374	92.1	43-135			
Total Xylenes	15.4	0.0500	"	15.0	0.629	98.5	43-135			
Surrogate: 1,2-Dichloroethane-d4	*1.07*		"	*1.00*		*107*	*70-130*			
Surrogate: Toluene-d8	*1.09*		"	*1.00*		*109*	*70-130*			
Surrogate: Bromofluorobenzene	*1.03*		"	*1.00*		*103*	*70-130*			
Matrix Spike Dup (1947047-MSD1)		**Source: P911104-01**		Prepared: 11/22/19 1 Analyzed: 11/24/19 1						
Benzene	4.70	0.0500	mg/kg	5.00	ND	94.0	48-131	0.932	23	
Toluene	4.70	0.0500	"	5.00	ND	94.1	48-130	2.54	24	
Ethylbenzene	4.94	0.0500	"	5.00	ND	98.9	45-135	2.60	27	
p,m-Xylene	10.9	0.100	"	10.0	0.255	106	43-135	4.16	27	
o-Xylene	5.65	0.0500	"	5.00	0.374	106	43-135	12.7	27	
Total Xylenes	16.5	0.0500	"	15.0	0.629	106	43-135	7.01	27	
Surrogate: 1,2-Dichloroethane-d4	*0.994*		"	*1.00*		*99.4*	*70-130*			
Surrogate: Toluene-d8	*0.981*		"	*1.00*		*98.1*	*70-130*			
Surrogate: Bromofluorobenzene	*1.12*		"	*1.00*		*112*	*70-130*			

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain St 36	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	11/25/19 14:06

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1947039 - DRO Extraction EPA 3570										
Blank (1947039-BLK1)				Prepared: 11/21/19 0 Analyzed: 11/22/19 1						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	*48.8*		*"*	*50.0*		*97.6*	*50-200*			
LCS (1947039-BS1)				Prepared: 11/21/19 0 Analyzed: 11/22/19 1						
Diesel Range Organics (C10-C28)	491	25.0	mg/kg	500		98.2	38-132			
Surrogate: n-Nonane	*48.9*		*"*	*50.0*		*97.9*	*50-200*			
LCS Dup (1947039-BSD1)				Prepared: 11/21/19 0 Analyzed: 11/22/19 1						
Diesel Range Organics (C10-C28)	513	25.0	mg/kg	500		103	38-132	4.31	20	
Surrogate: n-Nonane	*50.6*		*"*	*50.0*		*101*	*50-200*			

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain St 36	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	11/25/19 14:06

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1947047 - Purge and Trap EPA 5030A										
Blank (1947047-BLK1)				Prepared: 11/22/19 1 Analyzed: 11/24/19 1						
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1,2-Dichloroethane-d4	*0.504*		"	*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.544*		"	*0.500*		*109*	*70-130*			
Surrogate: Bromofluorobenzene	*0.493*		"	*0.500*		*98.6*	*70-130*			
LCS (1947047-BS2)				Prepared: 11/22/19 1 Analyzed: 11/24/19 1						
Gasoline Range Organics (C6-C10)	42.1	20.0	mg/kg	50.0		84.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.523*		"	*0.500*		*105*	*70-130*			
Surrogate: Toluene-d8	*0.477*		"	*0.500*		*95.3*	*70-130*			
Surrogate: Bromofluorobenzene	*0.473*		"	*0.500*		*94.5*	*70-130*			
Matrix Spike (1947047-MS2)		**Source: P911104-01**		Prepared: 11/22/19 1 Analyzed: 11/24/19 1						
Gasoline Range Organics (C6-C10)	147	40.0	mg/kg	100	59.4	87.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.987*		"	*1.00*		*98.7*	*70-130*			
Surrogate: Toluene-d8	*1.05*		"	*1.00*		*105*	*70-130*			
Surrogate: Bromofluorobenzene	*1.13*		"	*1.00*		*113*	*70-130*			
Matrix Spike Dup (1947047-MSD2)		**Source: P911104-01**		Prepared: 11/22/19 1 Analyzed: 11/24/19 2						
Gasoline Range Organics (C6-C10)	166	40.0	mg/kg	100	59.4	107	70-130	12.4	20	
Surrogate: 1,2-Dichloroethane-d4	*1.03*		"	*1.00*		*103*	*70-130*			
Surrogate: Toluene-d8	*1.12*		"	*1.00*		*112*	*70-130*			
Surrogate: Bromofluorobenzene	*1.11*		"	*1.00*		*111*	*70-130*			

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain St 36	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	11/25/19 14:06

Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1947046 - Anion Extraction EPA 300.0/9056A										
Blank (1947046-BLK1)				Prepared & Analyzed: 11/22/19 0						
Chloride	ND	20.0	mg/kg							
LCS (1947046-BS1)				Prepared: 11/22/19 0 Analyzed: 11/22/19 1						
Chloride	236	20.0	mg/kg	250		94.4	90-110			
Matrix Spike (1947046-MS1)		**Source: P911104-01**		Prepared: 11/22/19 0 Analyzed: 11/22/19 1						
Chloride	511	20.0	mg/kg	250	257	101	80-120			
Matrix Spike Dup (1947046-MSD1)		**Source: P911104-01**		Prepared: 11/22/19 0 Analyzed: 11/22/19 1						
Chloride	531	20.0	mg/kg	250	257	110	80-120	3.88	20	

QC Summary Report
Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values my differ slightly.

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain St 36	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	11/25/19 14:06

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
**	Methods marked with ** are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information

Chain of Custody

Page 1 of 2

Client: Wagner
Project: Salt mountain St 36
Project Manager: Fabian Franco
Address: PO BOX 1058
City, State, Zip Hobbs NM
Phone:
Email: Ffranco@hungry-horse.com

Report Attention
Report due by:
Attention: Natalie Gladden
Address:
City, State, Zip
Phone:
Email: ngladden@hungry-horse.com

Lab Use Only
Lab WO#: P911104
Job Number: 19054-0003

TAT: 1D X | 3D

EPA Program: RCRA | CWA | SDWA

State: NM | CO | UT | AZ

Analysis and Method

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC					Remarks
8:00	11/14/19	S	1	Sp1	1							X					
10:07	11/14/19	↓	↓	Sp2	2							↓					
12:25	11/15/19			Sp3	3												
3:17	11/15/19			Sp4	4												
9:03	11/15/19			Sp5	5												
10:04	11/15/19			Sp6	6												
9:05	11/15/19			Sp7	7												
1:07	11/15/19			Sp8	8												
2:30	11/15/19			Sp9	9												
12:17	11/14/19	↓	↓	Sp10	10							↓					

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	11/20/19	2:00	[signature]	11-20-19	1400
[signature]	11-20-19	1515	FedEx		

Lab Use Only
Received on ice: (Y) / N
T1 ____ T2 ____ T3 ____
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ______

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

FedEx 11/22/19 9:45 Raina Lopez 11/22/19 9:45

envirotech Analytical Laboratory

5795 US Highway 64, Farmington, NM 87401
24 Hour Emergency Response Phone (800) 362-1879
Ph (505) 632-1881 Fx (505) 632-1865
envirotech-inc.com
labadmin@envirotech-inc.com

Project Information | Chain of Custody | Page 2 of 2

Client: Wagner	Report Attention
Project: Salt Mountain St 36	Report due by:
Project Manager: Fabian Franco	Attention: Natalie Gladden
Address: PO BOX 1058	Address:
City, State, Zip Hobbs NM	City, State, Zip
Phone:	Phone:
Email: FFranco@hunny-horse.com	Email: NGladden@hungry-horse.c

Lab Use Only: Lab WO# P911104 | Job Number 19054-0003

TAT: 1D X | 3D

EPA Program: RCRA | CWA | SDWA

State: NM | CO | UT | AZ

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC	Remarks
3:00	11/15/19	S	1	Sp15	11							X	
9:00	11/14/19	"	"	Sp16	12							X	
2:27	11/15/19	"	"	Sp17	13							X	

Analysis and Method

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	11/20/19	2:00	[signature]	11.20.19	1400
[signature]	11.20.19	1515	Fed Ex		

Lab Use Only: Received on ice: (Y) / N; T1 ____ T2 ____ T3 ____; AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Fed Ex 11/22/19 9:45 Raina Lopez 11/22/19 9:45

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Analytical Laboratory

Analytical Report

Report Summary

Client: Wagner Oil

Samples Received: 11/19/2019
Job Number: 19054-0003
Work Order: P911089
Project Name/Location: Salt Mountain State

Report Reviewed By: Walter Hinchman Date: 11/20/19

Walter Hinchman, Laboratory Director

NELAP ACCREDITED TNI LABORATORY

Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.
Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.
Envirotech, Inc, holds the Utah TNI certification NM009792018-1 for the data reported.
Envirotech, Inc, holds the Texas TNI certification T104704557-19-2 for the data reported.

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain State	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Henry Grenidos	11/20/19 14:49

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP11	P911089-01A	Soil	11/15/19	11/19/19	Glass Jar, 4 oz.
SP12	P911089-02A	Soil	11/15/19	11/19/19	Glass Jar, 4 oz.
SP13	P911089-03A	Soil	11/15/19	11/19/19	Glass Jar, 4 oz.
SP14	P911089-04A	Soil	11/15/19	11/19/19	Glass Jar, 4 oz.

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain State	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Henry Grenidos	11/20/19 14:49

SP11
P911089-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1947010	11/19/19	11/19/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1947010	11/19/19	11/19/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1947010	11/19/19	11/19/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1947010	11/19/19	11/19/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1947010	11/19/19	11/19/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1947010	11/19/19	11/19/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*99.4 %*		*50-150*	*1947010*	*11/19/19*	*11/19/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1946050	11/18/19	11/20/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1946050	11/18/19	11/20/19	EPA 8015D	
Surrogate: n-Nonane		*103 %*		*50-200*	*1946050*	*11/18/19*	*11/20/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1947010	11/19/19	11/19/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.5 %*		*50-150*	*1947010*	*11/19/19*	*11/19/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**74.0**	20.0	mg/kg	1	1947017	11/19/19	11/19/19	EPA 300.0/9056A	

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain State	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Henry Grenidos	11/20/19 14:49

SP12
P911089-02 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1947010	11/19/19	11/19/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1947010	11/19/19	11/19/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1947010	11/19/19	11/19/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1947010	11/19/19	11/19/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1947010	11/19/19	11/19/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1947010	11/19/19	11/19/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*		*50-150*	*1947010*	*11/19/19*	*11/19/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1946050	11/18/19	11/20/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1946050	11/18/19	11/20/19	EPA 8015D	
Surrogate: n-Nonane		*103 %*		*50-200*	*1946050*	*11/18/19*	*11/20/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1947010	11/19/19	11/19/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.6 %*		*50-150*	*1947010*	*11/19/19*	*11/19/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**558**	20.0	mg/kg	1	1947017	11/19/19	11/19/19	EPA 300.0/9056A	

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain State	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Henry Grenidos	11/20/19 14:49

SP13
P911089-03 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1947010	11/19/19	11/19/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1947010	11/19/19	11/19/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1947010	11/19/19	11/19/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1947010	11/19/19	11/19/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1947010	11/19/19	11/19/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1947010	11/19/19	11/19/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*		*50-150*	*1947010*	*11/19/19*	*11/19/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1946050	11/18/19	11/20/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1946050	11/18/19	11/20/19	EPA 8015D	
Surrogate: n-Nonane		*102 %*		*50-200*	*1946050*	*11/18/19*	*11/20/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1947010	11/19/19	11/19/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.8 %*		*50-150*	*1947010*	*11/19/19*	*11/19/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	ND	100	mg/kg	5	1947017	11/19/19	11/19/19	EPA 300.0/9056A	

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain State	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Henry Grenidos	11/20/19 14:49

SP14
P911089-04 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1947010	11/19/19	11/19/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1947010	11/19/19	11/19/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1947010	11/19/19	11/19/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1947010	11/19/19	11/19/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1947010	11/19/19	11/19/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1947010	11/19/19	11/19/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*		*50-150*	*1947010*	*11/19/19*	*11/19/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1946050	11/18/19	11/20/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1946050	11/18/19	11/20/19	EPA 8015D	
Surrogate: n-Nonane		*101 %*		*50-200*	*1946050*	*11/18/19*	*11/20/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1947010	11/19/19	11/19/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.7 %*		*50-150*	*1947010*	*11/19/19*	*11/19/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**317**	100	mg/kg	5	1947017	11/19/19	11/19/19	EPA 300.0/9056A	

envirotech Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain State	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Henry Grenidos	11/20/19 14:49

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1947010 - Purge and Trap EPA 5030A										
Blank (1947010-BLK1)				Prepared: 11/18/19 1 Analyzed: 11/20/19 0						
Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							
Surrogate: 4-Bromochlorobenzene-PID	*8.34*		*"*	*8.00*		*104*	*50-150*			
LCS (1947010-BS1)				Prepared: 11/18/19 1 Analyzed: 11/20/19 0						
Benzene	4.99	0.0250	mg/kg	5.00		99.8	70-130			
Toluene	5.18	0.0250	"	5.00		104	70-130			
Ethylbenzene	5.16	0.0250	"	5.00		103	70-130			
p,m-Xylene	10.3	0.0500	"	10.0		103	70-130			
o-Xylene	5.16	0.0250	"	5.00		103	70-130			
Total Xylenes	15.4	0.0250	"	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.25*		*"*	*8.00*		*103*	*50-150*			
Matrix Spike (1947010-MS1)		**Source: P911066-01**		Prepared: 11/18/19 1 Analyzed: 11/20/19 1						
Benzene	5.01	0.0250	mg/kg	5.00	ND	100	54.3-133			
Toluene	5.29	0.0250	"	5.00	ND	106	61.4-130			
Ethylbenzene	5.22	0.0250	"	5.00	ND	104	61.4-133			
p,m-Xylene	10.4	0.0500	"	10.0	ND	104	63.3-131			
o-Xylene	5.19	0.0250	"	5.00	ND	104	63.3-131			
Total Xylenes	15.6	0.0250	"	15.0	ND	104	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	*8.21*		*"*	*8.00*		*103*	*50-150*			
Matrix Spike Dup (1947010-MSD1)		**Source: P911066-01**		Prepared: 11/18/19 1 Analyzed: 11/20/19 1						
Benzene	4.90	0.0250	mg/kg	5.00	ND	98.1	54.3-133	2.21	20	
Toluene	5.12	0.0250	"	5.00	ND	102	61.4-130	3.36	20	
Ethylbenzene	5.09	0.0250	"	5.00	ND	102	61.4-133	2.68	20	
p,m-Xylene	10.1	0.0500	"	10.0	ND	101	63.3-131	2.53	20	
o-Xylene	5.07	0.0250	"	5.00	ND	101	63.3-131	2.40	20	
Total Xylenes	15.2	0.0250	"	15.0	ND	101	63.3-131	2.49	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.32*		*"*	*8.00*		*104*	*50-150*			

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain State	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Henry Grenidos	11/20/19 14:49

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1946050 - DRO Extraction EPA 3570										
Blank (1946050-BLK1)				Prepared & Analyzed: 11/18/19 1						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	*51.3*		*"*	*50.0*		*103*	*50-200*			
LCS (1946050-BS1)				Prepared & Analyzed: 11/18/19 1						
Diesel Range Organics (C10-C28)	484	25.0	mg/kg	500		96.8	38-132			
Surrogate: n-Nonane	*47.8*		*"*	*50.0*		*95.7*	*50-200*			
Matrix Spike (1946050-MS1)	**Source: P911079-01**			Prepared & Analyzed: 11/18/19 1						
Diesel Range Organics (C10-C28)	493	25.0	mg/kg	500	ND	98.6	38-132			
Surrogate: n-Nonane	*51.0*		*"*	*50.0*		*102*	*50-200*			
Matrix Spike Dup (1946050-MSD1)	**Source: P911079-01**			Prepared & Analyzed: 11/18/19 1						
Diesel Range Organics (C10-C28)	557	25.0	mg/kg	500	ND	111	38-132	12.2	20	
Surrogate: n-Nonane	*51.5*		*"*	*50.0*		*103*	*50-200*			

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain State	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Henry Grenidos	11/20/19 14:49

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1947010 - Purge and Trap EPA 5030A										
Blank (1947010-BLK1)				Prepared: 11/18/19 1 Analyzed: 11/20/19 0						
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.74*		*"*	*8.00*		*84.2*	*50-150*			
LCS (1947010-BS2)				Prepared: 11/18/19 1 Analyzed: 11/20/19 1						
Gasoline Range Organics (C6-C10)	48.4	20.0	mg/kg	50.0		96.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.86*		*"*	*8.00*		*85.8*	*50-150*			
Matrix Spike (1947010-MS2)		**Source: P911066-01**		Prepared: 11/18/19 1 Analyzed: 11/20/19 1						
Gasoline Range Organics (C6-C10)	48.1	20.0	mg/kg	50.0	ND	96.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.75*		*"*	*8.00*		*84.4*	*50-150*			
Matrix Spike Dup (1947010-MSD2)		**Source: P911066-01**		Prepared: 11/18/19 1 Analyzed: 11/20/19 1						
Gasoline Range Organics (C6-C10)	46.2	20.0	mg/kg	50.0	ND	92.3	70-130	4.07	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.80*		*"*	*8.00*		*85.0*	*50-150*			

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Wagner Oil	Project Name:	Salt Mountain State	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Henry Grenidos	11/20/19 14:49

Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1947017 - Anion Extraction EPA 300.0/9056A										
Blank (1947017-BLK1)				Prepared & Analyzed: 11/19/19 1						
Chloride	ND	20.0	mg/kg							
LCS (1947017-BS1)				Prepared & Analyzed: 11/19/19 1						
Chloride	253	20.0	mg/kg	250		101	90-110			
Matrix Spike (1947017-MS1)		**Source: P911086-01**		Prepared & Analyzed: 11/19/19 1						
Chloride	305	20.0	mg/kg	250	54.1	100	80-120			
Matrix Spike Dup (1947017-MSD1)		**Source: P911086-01**		Prepared & Analyzed: 11/19/19 1						
Chloride	305	20.0	mg/kg	250	54.1	100	80-120	0.0787	20	

QC Summary Report
Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values my differ slightly.

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Wagner Oil	Project Name:	Salt Mountain State	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Henry Grenidos	11/20/19 14:49

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
**	Methods marked with ** are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information | Chain of Custody | 2D | Page 1 of 1

Client: Wagner Oil	Report Attention
Project: Salt Mountain State	Report due by: Today
Project Manager: Henry Granados	Attention: Natalie Gladden
Address: 500 Commerce Street	Address: 4024 Plains Hwy
City, State, Zip Fort Worth TX, 76102	City, State, Zip Lovington NM, 88260
Phone:	Phone: 575-390-6897
Email:	Email: Ngladden@hungry-horse.com

Lab Use Only		TAT		EPA Program		
Lab WO#	Job Number	1D	3D	RCRA	CWA	SDWA
P911089	19054-0003					

State: NM | CO | UT | AZ

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Remarks
9:12	11-15	S	1	SP11	1	✓	✓	✓			✓	
10:32	11-15			SP12	2	✓	✓	✓			✓	
11:11	11-15			SP13	3	✓	✓	✓			✓	
1:15	11-15			SP14	4	✓	✓	✓			✓	

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11-18-19	1:00		11.18.19	1300
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11.18.19	1400	FedEx	11/18/19	14:00

Lab Use Only
Received on ice: (Y) / N
T1 ____ T2 ____ T3 ____
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

FedEx 11/18/19 10:00 Raina Lopez 11/18/19 10:00

envirotech Analytical Laboratory
5795 US Highway 64, Farmington, NM 87401
24 Hour Emergency Response Phone (800) 362-1879
Ph (505) 632-0881 Fx (505) 632-1865
envirotech-inc.com
labadmin@envirotech-inc.com

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Analytical Laboratory

Analytical Report

Report Summary

Client: Wagner Oil

Samples Received: 12/6/2019
Job Number: 19054-0003
Work Order: P912012
Project Name/Location: Salt Mountain 36 St #1

Report Reviewed By: _____ Date: 12/9/19

Walter Hinchman, Laboratory Director

NELAP ACCREDITED TNI LABORATORY

Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.
Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way.
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Envirotech, Inc, holds the Texas TNI certification T104704557-19-2 for the data reported.

5796 Highway 64, Farmington, NM 87401 Ph (505) 632-0615 Fx (505) 632-1865
24 Hour Emergency Response Phone (800) 362-1879
envirotech-inc.com
Labadmin@envirotech-inc.com

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain 36 St #1	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	12/09/19 13:00

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP18	P912012-01A	Soil	12/02/19	12/06/19	Glass Jar, 4 oz.
SP19	P912012-02A	Soil	12/02/19	12/06/19	Glass Jar, 4 oz.
SP20	P912012-03A	Soil	12/02/19	12/06/19	Glass Jar, 4 oz.
SP21	P912012-04A	Soil	12/02/19	12/06/19	Glass Jar, 4 oz.
SP23	P912012-05A	Soil	12/02/19	12/06/19	Glass Jar, 4 oz.
SP24	P912012-06A	Soil	12/02/19	12/06/19	Glass Jar, 4 oz.
SP25	P912012-07A	Soil	12/02/19	12/06/19	Glass Jar, 4 oz.
SP26	P912012-08A	Soil	12/03/19	12/06/19	Glass Jar, 4 oz.
SP27	P912012-09A	Soil	12/03/19	12/06/19	Glass Jar, 4 oz.
SP28	P912012-10A	Soil	12/03/19	12/06/19	Glass Jar, 4 oz.
SP30	P912012-11A	Soil	12/03/19	12/06/19	Glass Jar, 4 oz.
SP31	P912012-12A	Soil	12/03/19	12/06/19	Glass Jar, 4 oz.
SP32	P912012-13A	Soil	12/03/19	12/06/19	Glass Jar, 4 oz.
SW1	P912012-14A	Soil	12/03/19	12/06/19	Glass Jar, 4 oz.
SW2	P912012-15A	Soil	12/03/19	12/06/19	Glass Jar, 4 oz.
SW3	P912012-16A	Soil	12/03/19	12/06/19	Glass Jar, 4 oz.
SW4	P912012-17A	Soil	12/03/19	12/06/19	Glass Jar, 4 oz.

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Wagner Oil	Project Name:	Salt Mountain 36 St #1	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	12/09/19 13:00

SP18
P912012-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*99.1 %*		*50-150*	*1949031*	*12/06/19*	*12/06/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1949028	12/06/19	12/06/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1949028	12/06/19	12/06/19	EPA 8015D	
Surrogate: n-Nonane		*89.4 %*		*50-200*	*1949028*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.7 %*		*50-150*	*1949031*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**294**	20.0	mg/kg	1	1949033	12/06/19	12/06/19	EPA 300.0/9056A	

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain 36 St #1	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	12/09/19 13:00

SP19
P912012-02 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*99.4 %*		*50-150*	*1949031*	*12/06/19*	*12/06/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1949028	12/06/19	12/06/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1949028	12/06/19	12/06/19	EPA 8015D	
Surrogate: n-Nonane		*90.8 %*		*50-200*	*1949028*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*		*50-150*	*1949031*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**2500**	40.0	mg/kg	2	1949033	12/06/19	12/06/19	EPA 300.0/9056A	

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Wagner Oil	Project Name:	Salt Mountain 36 St #1	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	12/09/19 13:00

SP20
P912012-03 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*99.4 %*		*50-150*	*1949031*	*12/06/19*	*12/06/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1949028	12/06/19	12/06/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1949028	12/06/19	12/06/19	EPA 8015D	
Surrogate: n-Nonane		*87.5 %*		*50-200*	*1949028*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*		*50-150*	*1949031*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**383**	20.0	mg/kg	1	1949033	12/06/19	12/06/19	EPA 300.0/9056A	

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Wagner Oil	Project Name:	Salt Mountain 36 St #1	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	12/09/19 13:00

SP21
P912012-04 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*99.3 %*		*50-150*	*1949031*	*12/06/19*	*12/06/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	**52.2**	25.0	mg/kg	1	1949028	12/06/19	12/06/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1949028	12/06/19	12/06/19	EPA 8015D	
Surrogate: n-Nonane		*86.0 %*		*50-200*	*1949028*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*100 %*		*50-150*	*1949031*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**1120**	20.0	mg/kg	1	1949033	12/06/19	12/06/19	EPA 300.0/9056A	

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Wagner Oil	Project Name:	Salt Mountain 36 St #1	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	12/09/19 13:00

SP23
P912012-05 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*99.4 %*		*50-150*	*1949031*	*12/06/19*	*12/06/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1949028	12/06/19	12/06/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1949028	12/06/19	12/06/19	EPA 8015D	
Surrogate: n-Nonane		*82.5 %*		*50-200*	*1949028*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*		*50-150*	*1949031*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**290**	100	mg/kg	5	1949033	12/06/19	12/06/19	EPA 300.0/9056A	

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Wagner Oil	Project Name:	Salt Mountain 36 St #1	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	12/09/19 13:00

SP24
P912012-06 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*99.8 %*		*50-150*	*1949031*	*12/06/19*	*12/06/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1949028	12/06/19	12/06/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1949028	12/06/19	12/06/19	EPA 8015D	
Surrogate: n-Nonane		*75.2 %*		*50-200*	*1949028*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*		*50-150*	*1949031*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**238**	100	mg/kg	5	1949033	12/06/19	12/06/19	EPA 300.0/9056A	

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Wagner Oil	Project Name:	Salt Mountain 36 St #1	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	12/09/19 13:00

SP25
P912012-07 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*		*50-150*	*1949031*	*12/06/19*	*12/06/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1949028	12/06/19	12/06/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1949028	12/06/19	12/06/19	EPA 8015D	
Surrogate: n-Nonane		*94.8 %*		*50-200*	*1949028*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*		*50-150*	*1949031*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**3510**	100	mg/kg	5	1949033	12/06/19	12/06/19	EPA 300.0/9056A	

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Wagner Oil	Project Name:	Salt Mountain 36 St #1	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	12/09/19 13:00

SP26
P912012-08 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*		*50-150*	*1949031*	*12/06/19*	*12/06/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1949028	12/06/19	12/06/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1949028	12/06/19	12/06/19	EPA 8015D	
Surrogate: n-Nonane		*82.1 %*		*50-200*	*1949028*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*		*50-150*	*1949031*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**445**	20.0	mg/kg	1	1949033	12/06/19	12/06/19	EPA 300.0/9056A	

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Wagner Oil	Project Name:	Salt Mountain 36 St #1	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	12/09/19 13:00

SP27
P912012-09 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*		*50-150*	*1949031*	*12/06/19*	*12/06/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1949028	12/06/19	12/06/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1949028	12/06/19	12/06/19	EPA 8015D	
Surrogate: n-Nonane		*84.3 %*		*50-200*	*1949028*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*		*50-150*	*1949031*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**4390**	100	mg/kg	5	1949033	12/06/19	12/06/19	EPA 300.0/9056A	

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Wagner Oil	Project Name:	Salt Mountain 36 St #1	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	12/09/19 13:00

SP28
P912012-10 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*		*50-150*	*1949031*	*12/06/19*	*12/06/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1949028	12/06/19	12/06/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1949028	12/06/19	12/06/19	EPA 8015D	
Surrogate: n-Nonane		*94.4 %*		*50-200*	*1949028*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*		*50-150*	*1949031*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**1070**	100	mg/kg	5	1949033	12/06/19	12/06/19	EPA 300.0/9056A	

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Wagner Oil	Project Name:	Salt Mountain 36 St #1	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	12/09/19 13:00

SP30
P912012-11 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*		*50-150*	*1949031*	*12/06/19*	*12/06/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	**1820**	25.0	mg/kg	1	1949028	12/06/19	12/06/19	EPA 8015D	
Oil Range Organics (C28-C40)	**509**	50.0	mg/kg	1	1949028	12/06/19	12/06/19	EPA 8015D	
Surrogate: n-Nonane		*115 %*		*50-200*	*1949028*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.8 %*		*50-150*	*1949031*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**1000**	100	mg/kg	5	1949033	12/06/19	12/06/19	EPA 300.0/9056A	

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Wagner Oil	Project Name:	Salt Mountain 36 St #1	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	12/09/19 13:00

SP31
P912012-12 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*		*50-150*	*1949031*	*12/06/19*	*12/06/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1949028	12/06/19	12/06/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1949028	12/06/19	12/06/19	EPA 8015D	
Surrogate: n-Nonane		*92.4 %*		*50-200*	*1949028*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*		*50-150*	*1949031*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**1060**	100	mg/kg	5	1949033	12/06/19	12/06/19	EPA 300.0/9056A	

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Wagner Oil	Project Name:	Salt Mountain 36 St #1	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	12/09/19 13:00

SP32
P912012-13 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*		*50-150*	*1949031*	*12/06/19*	*12/06/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1949028	12/06/19	12/06/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1949028	12/06/19	12/06/19	EPA 8015D	
Surrogate: n-Nonane		*94.1 %*		*50-200*	*1949028*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*100 %*		*50-150*	*1949031*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**1910**	100	mg/kg	5	1949033	12/06/19	12/06/19	EPA 300.0/9056A	

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain 36 St #1	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	12/09/19 13:00

SW1
P912012-14 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*		*50-150*	*1949031*	*12/06/19*	*12/06/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1949028	12/06/19	12/06/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1949028	12/06/19	12/06/19	EPA 8015D	
Surrogate: n-Nonane		*93.5 %*		*50-200*	*1949028*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*		*50-150*	*1949031*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1949033	12/06/19	12/06/19	EPA 300.0/9056A	

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain 36 St #1	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	12/09/19 13:00

SW2
P912012-15 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*		*50-150*	*1949031*	*12/06/19*	*12/06/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1949028	12/06/19	12/06/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1949028	12/06/19	12/06/19	EPA 8015D	
Surrogate: n-Nonane		*96.4 %*		*50-200*	*1949028*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*100 %*		*50-150*	*1949031*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1949033	12/06/19	12/06/19	EPA 300.0/9056A	

envirotech
Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain 36 St #1	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	12/09/19 13:00

SW3
P912012-16 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*		*50-150*	*1949031*	*12/06/19*	*12/06/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1949028	12/06/19	12/06/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1949028	12/06/19	12/06/19	EPA 8015D	
Surrogate: n-Nonane		*98.3 %*		*50-200*	*1949028*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*		*50-150*	*1949031*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	ND	100	mg/kg	5	1949033	12/06/19	12/06/19	EPA 300.0/9056A	

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain 36 St #1	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	12/09/19 13:00

SW4
P912012-17 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*		*50-150*	*1949031*	*12/06/19*	*12/06/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1949028	12/06/19	12/06/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1949028	12/06/19	12/06/19	EPA 8015D	
Surrogate: n-Nonane		*97.6 %*		*50-200*	*1949028*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1949031	12/06/19	12/06/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*		*50-150*	*1949031*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	ND	100	mg/kg	5	1949033	12/06/19	12/06/19	EPA 300.0/9056A	

envirotech Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain 36 St #1	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	12/09/19 13:00

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1949031 - Purge and Trap EPA 5030A										
Blank (1949031-BLK1)				Prepared: 12/06/19 0 Analyzed: 12/06/19 2						
Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							
Surrogate: 4-Bromochlorobenzene-PID	*8.40*		*"*	*8.00*		*105*	*50-150*			
LCS (1949031-BS1)				Prepared: 12/06/19 0 Analyzed: 12/06/19 2						
Benzene	4.38	0.0250	mg/kg	5.00		87.5	70-130			
Toluene	4.36	0.0250	"	5.00		87.2	70-130			
Ethylbenzene	4.33	0.0250	"	5.00		86.6	70-130			
p,m-Xylene	8.66	0.0500	"	10.0		86.6	70-130			
o-Xylene	4.36	0.0250	"	5.00		87.2	70-130			
Total Xylenes	13.0	0.0250	"	15.0		86.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.46*		*"*	*8.00*		*106*	*50-150*			
Matrix Spike (1949031-MS1)			**Source: P912012-01**	Prepared: 12/06/19 0 Analyzed: 12/06/19 2						
Benzene	4.65	0.0250	mg/kg	5.00	ND	92.9	54.3-133			
Toluene	4.61	0.0250	"	5.00	ND	92.2	61.4-130			
Ethylbenzene	4.57	0.0250	"	5.00	ND	91.4	61.4-133			
p,m-Xylene	9.12	0.0500	"	10.0	ND	91.2	63.3-131			
o-Xylene	4.61	0.0250	"	5.00	ND	92.1	63.3-131			
Total Xylenes	13.7	0.0250	"	15.0	ND	91.5	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	*8.57*		*"*	*8.00*		*107*	*50-150*			
Matrix Spike Dup (1949031-MSD1)			**Source: P912012-01**	Prepared: 12/06/19 0 Analyzed: 12/06/19 2						
Benzene	4.49	0.0250	mg/kg	5.00	ND	89.7	54.3-133	3.49	20	
Toluene	4.46	0.0250	"	5.00	ND	89.2	61.4-130	3.34	20	
Ethylbenzene	4.43	0.0250	"	5.00	ND	88.5	61.4-133	3.18	20	
p,m-Xylene	8.85	0.0500	"	10.0	ND	88.5	63.3-131	3.05	20	
o-Xylene	4.46	0.0250	"	5.00	ND	89.1	63.3-131	3.33	20	
Total Xylenes	13.3	0.0250	"	15.0	ND	88.7	63.3-131	3.14	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.59*		*"*	*8.00*		*107*	*50-150*			

envirotech Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain 36 St #1	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	12/09/19 13:00

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1949028 - DRO Extraction EPA 3570										
Blank (1949028-BLK1)				Prepared: 12/06/19 0 Analyzed: 12/06/19 1						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	*53.2*		*"*	*50.0*		*106*	*50-200*			
LCS (1949028-BS1)				Prepared: 12/06/19 0 Analyzed: 12/06/19 1						
Diesel Range Organics (C10-C28)	497	25.0	mg/kg	500		99.4	38-132			
Surrogate: n-Nonane	*51.7*		*"*	*50.0*		*103*	*50-200*			
Matrix Spike (1949028-MS1)	**Source: P912012-01**			Prepared: 12/06/19 0 Analyzed: 12/06/19 1						
Diesel Range Organics (C10-C28)	523	25.0	mg/kg	500	ND	105	38-132			
Surrogate: n-Nonane	*51.8*		*"*	*50.0*		*104*	*50-200*			
Matrix Spike Dup (1949028-MSD1)	**Source: P912012-01**			Prepared: 12/06/19 0 Analyzed: 12/06/19 1						
Diesel Range Organics (C10-C28)	503	25.0	mg/kg	500	ND	101	38-132	3.75	20	
Surrogate: n-Nonane	*50.6*		*"*	*50.0*		*101*	*50-200*			

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain 36 St #1	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	12/09/19 13:00

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1949031 - Purge and Trap EPA 5030A										
Blank (1949031-BLK1)				Prepared: 12/06/19 0 Analyzed: 12/06/19 2						
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.03*		"	*8.00*		*100*	*50-150*			
LCS (1949031-BS2)				Prepared: 12/06/19 0 Analyzed: 12/06/19 2						
Gasoline Range Organics (C6-C10)	51.6	20.0	mg/kg	50.0		103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.18*		"	*8.00*		*102*	*50-150*			
Matrix Spike (1949031-MS2)		**Source: P912012-01**		Prepared: 12/06/19 0 Analyzed: 12/06/19 2						
Gasoline Range Organics (C6-C10)	48.4	20.0	mg/kg	50.0	ND	96.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.99*		"	*8.00*		*99.9*	*50-150*			
Matrix Spike Dup (1949031-MSD2)		**Source: P912012-01**		Prepared: 12/06/19 0 Analyzed: 12/06/19 2						
Gasoline Range Organics (C6-C10)	47.9	20.0	mg/kg	50.0	ND	95.8	70-130	1.10	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.02*		"	*8.00*		*100*	*50-150*			

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain 36 St #1	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	12/09/19 13:00

Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1949033 - Anion Extraction EPA 300.0/9056A										
Blank (1949033-BLK1)				Prepared & Analyzed: 12/06/19 1						
Chloride	ND	20.0	mg/kg							
LCS (1949033-BS1)				Prepared & Analyzed: 12/06/19 1						
Chloride	249	20.0	mg/kg	250		99.6	90-110			
Matrix Spike (1949033-MS1)		**Source: P912012-01**		Prepared & Analyzed: 12/06/19 1						
Chloride	552	20.0	mg/kg	250	294	103	80-120			
Matrix Spike Dup (1949033-MSD1)		**Source: P912012-01**		Prepared & Analyzed: 12/06/19 1						
Chloride	545	20.0	mg/kg	250	294	100	80-120	1.26	20	

QC Summary Report
Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values my differ slightly.

envirotech
Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain 36 St #1	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Fabian Franco	12/09/19 13:00

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
**	Methods marked with ** are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information | Chain of Custody | Page 1 of 4

Client: Wagner Oil	
Project: Salt Mountain 30 St #1	
Project Manager: Fabian Franco	
Address: 4024 Plains Hwy	
City, State, Zip Lovington, NM	
Phone:	
Email:	

Report Attention

Report due by: 2-DAY	
Attention: Natalie Gladden	
Address: 4024 Plains Hwy	
City, State, Zip Lovington, NM 88260	
Phone: 575-390-6397	
Email: ngladden@hungryhorse.com	

Lab Use Only

Lab WO#	Job Number
P P912012	19054-0003

TAT: 1D | 3D

EPA Program: RCRA | CWA | SDV

State: NM | CO | UT | AZ

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0		TCEQ 1005	BGDOC - NM	BGDOC - TX				Remarks
8:12	12/2	S	1	SP 18	1													
8:40	12/2		1	SP 19	2													
9:09	12/2		1	SP 20	3													
10:15	12/2		1	SP 21	4													
2:21	12/2		1	SP 23	5													
3:40	12/2		1	SP 24	6													
4:51	12/2		1	SP 25	7													
7:01	12/3		1	SP 26	8													
9:21	12/3		1	SP 27	9													
9:48	12/3		1	SP 28	10													

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: _____

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Natalie Gladden	12/5/19	2:00pm		12.5.19	1400
	12.5.19	1505	Raina Lopez	12/6/19	9:30

Lab Use Only
Received on ice: (Y) / N
T1 _____ T2 _____ T3 _____
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech Analytical Laboratory
5796 US Highway 64, Farmington, NM 87401
24 Hour Emergency Response Phone (800) 362-1879
Ph (505) 632-1881 Fx (505) 632-1865
envirotech-inc.com
labadmin@envirotech-inc.com

Project Information | Chain of Custody | Page 2 of 2

2D

Client:	
Project:	Salt Mountain St #1
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	

Report Attention

Report due by:	
Attention:	SAME
Address:	
City, State, Zip	
Phone:	
Email:	

Lab Use Only

Lab WO# P912012 | Job Number 14054-0003

TAT: 1D | 3D

EPA Program: RCRA | CWA | SDW

State: NM | CO | UT | AZ

Analysis and Method

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0		TCEQ 1005	BGDOC - NM	BGDOC - TX				Remarks
10:17	12/3	S	1	SP30	11													
12:06	12/3		1	SP31	12													
4:07	12/3		1	SP32	13													
4:30	12/3		1	SW1	14													
2:15	12/3		1	SW2	15													
3:40	12/3		1	SW3	16													
4:06	12/3		1	SW4	17													
					~~18~~ RL													

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: _____

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
				12.5.19	1400
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	12.5.19	1505	Raina Lopez	12/6/19	9:30

Lab Use Only
Received on ice: (Y) / N
T1 _____ T2 _____ T3 _____
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech Analytical Laboratory
5796 US Highway 64, Farmington, NM 87401
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labadmin@envirotech-inc.com

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Analytical Laboratory

Analytical Report

Report Summary

Client: Wagner Oil

Samples Received: 11/25/2019
Job Number: 19054-0003
Work Order: P911116
Project Name/Location: Salt Mountain 36

Report Reviewed By: Walter Hinchman Date: 11/26/19

Walter Hinchman, Laboratory Director

NELAP ACCREDITED TNI LABORATORY

Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.
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Envirotech, Inc, holds the Texas TNI certification T104704557-19-2 for the data reported.

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain 36	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Dakotah Montanez	11/26/19 13:07

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP22	P911116-01A	Soil	11/21/19	11/25/19	Glass Jar, 4 oz.

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain 36	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Dakotah Montanez	11/26/19 13:07

SP22
P911116-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1948002	11/25/19	11/25/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1948002	11/25/19	11/25/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1948002	11/25/19	11/25/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1948002	11/25/19	11/25/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1948002	11/25/19	11/25/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1948002	11/25/19	11/25/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*		*50-150*	*1948002*	*11/25/19*	*11/25/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1948003	11/25/19	11/25/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1948003	11/25/19	11/25/19	EPA 8015D	
Surrogate: n-Nonane		*111 %*		*50-200*	*1948003*	*11/25/19*	*11/25/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1948002	11/25/19	11/25/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.8 %*		*50-150*	*1948002*	*11/25/19*	*11/25/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**259**	20.0	mg/kg	1	1948005	11/25/19	11/26/19	EPA 300.0/9056A	

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain 36	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Dakotah Montanez	11/26/19 13:07

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1948002 - Purge and Trap EPA 5030A										
Blank (1948002-BLK1)				Prepared & Analyzed: 11/25/19 1						
Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							
Surrogate: 4-Bromochlorobenzene-PID	*7.82*		*"*	*8.00*		*97.7*	*50-150*			
LCS (1948002-BS1)				Prepared & Analyzed: 11/25/19 1						
Benzene	5.19	0.0250	mg/kg	5.00		104	70-130			
Toluene	5.30	0.0250	"	5.00		106	70-130			
Ethylbenzene	5.20	0.0250	"	5.00		104	70-130			
p,m-Xylene	10.4	0.0500	"	10.0		104	70-130			
o-Xylene	5.16	0.0250	"	5.00		103	70-130			
Total Xylenes	15.5	0.0250	"	15.0		104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.03*		*"*	*8.00*		*100*	*50-150*			
Matrix Spike (1948002-MS1)		**Source: P911115-01**		Prepared & Analyzed: 11/25/19 1						
Benzene	5.06	0.0250	mg/kg	5.00	ND	101	54.3-133			
Toluene	5.13	0.0250	"	5.00	ND	103	61.4-130			
Ethylbenzene	5.05	0.0250	"	5.00	ND	101	61.4-133			
p,m-Xylene	10.0	0.0500	"	10.0	ND	100	63.3-131			
o-Xylene	4.99	0.0250	"	5.00	ND	99.8	63.3-131			
Total Xylenes	15.0	0.0250	"	15.0	ND	100	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.74*		*"*	*8.00*		*96.7*	*50-150*			
Matrix Spike Dup (1948002-MSD1)		**Source: P911115-01**		Prepared & Analyzed: 11/25/19 1						
Benzene	5.19	0.0250	mg/kg	5.00	ND	104	54.3-133	2.58	20	
Toluene	5.29	0.0250	"	5.00	ND	106	61.4-130	3.07	20	
Ethylbenzene	5.20	0.0250	"	5.00	ND	104	61.4-133	2.91	20	
p,m-Xylene	10.3	0.0500	"	10.0	ND	103	63.3-131	2.87	20	
o-Xylene	5.14	0.0250	"	5.00	ND	103	63.3-131	3.01	20	
Total Xylenes	15.5	0.0250	"	15.0	ND	103	63.3-131	2.91	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.86*		*"*	*8.00*		*98.3*	*50-150*			

envirotech Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain 36	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Dakotah Montanez	11/26/19 13:07

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1948003 - DRO Extraction EPA 3570										
Blank (1948003-BLK1)				Prepared & Analyzed: 11/25/19 1						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	*48.2*		*"*	*50.0*		*96.4*	*50-200*			
LCS (1948003-BS1)				Prepared & Analyzed: 11/25/19 1						
Diesel Range Organics (C10-C28)	489	25.0	mg/kg	500		97.9	38-132			
Surrogate: n-Nonane	*48.9*		*"*	*50.0*		*97.8*	*50-200*			
Matrix Spike (1948003-MS1)	**Source: P911115-01**			Prepared: 11/25/19 1 Analyzed: 11/25/19 2						
Diesel Range Organics (C10-C28)	1220	250	mg/kg	500	904	63.3	38-132			
Surrogate: n-Nonane	*56.2*		*"*	*50.0*		*112*	*50-200*			
Matrix Spike Dup (1948003-MSD1)	**Source: P911115-01**			Prepared: 11/25/19 1 Analyzed: 11/25/19 2						
Diesel Range Organics (C10-C28)	1660	250	mg/kg	500	904	152	38-132	30.7	20	M2, R2
Surrogate: n-Nonane	*63.3*		*"*	*50.0*		*127*	*50-200*			

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain 36	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Dakotah Montanez	11/26/19 13:07

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1948002 - Purge and Trap EPA 5030A										
Blank (1948002-BLK1)				Prepared & Analyzed: 11/25/19 1						
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.11*		*"*	*8.00*		*88.9*	*50-150*			
LCS (1948002-BS2)				Prepared & Analyzed: 11/25/19 1						
Gasoline Range Organics (C6-C10)	50.7	20.0	mg/kg	50.0		101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.20*		*"*	*8.00*		*90.1*	*50-150*			
Matrix Spike (1948002-MS2)		**Source: P911115-01**		Prepared & Analyzed: 11/25/19 1						
Gasoline Range Organics (C6-C10)	52.6	20.0	mg/kg	50.0	ND	105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.17*		*"*	*8.00*		*89.7*	*50-150*			
Matrix Spike Dup (1948002-MSD2)		**Source: P911115-01**		Prepared & Analyzed: 11/25/19 1						
Gasoline Range Organics (C6-C10)	52.2	20.0	mg/kg	50.0	ND	104	70-130	0.866	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.16*		*"*	*8.00*		*89.6*	*50-150*			

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain 36	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Dakotah Montanez	11/26/19 13:07

Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1948005 - Anion Extraction EPA 300.0/9056A										
Blank (1948005-BLK1)				Prepared: 11/25/19 1 Analyzed: 11/26/19 0						
Chloride	ND	20.0	mg/kg							
LCS (1948005-BS1)				Prepared: 11/25/19 1 Analyzed: 11/26/19 0						
Chloride	256	20.0	mg/kg	250		102	90-110			
Matrix Spike (1948005-MS1)		**Source: P911115-01**		Prepared: 11/25/19 1 Analyzed: 11/26/19 1						
Chloride	517	100	mg/kg	250	271	98.2	80-120			
Matrix Spike Dup (1948005-MSD1)		**Source: P911115-01**		Prepared: 11/25/19 1 Analyzed: 11/26/19 1						
Chloride	540	100	mg/kg	250	271	108	80-120	4.53	20	

QC Summary Report
Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values my differ slightly.

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain 36	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Dakotah Montanez	11/26/19 13:07

Notes and Definitions

R2	The RPD exceeded the acceptance limit.
M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
**	Methods marked with ** are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information

Chain of Custody

2 day

Page 1 of 1

Client: Wagner	
Project: Salt Mountain 36	
Project Manager: Dakota Montanez	
Address: P.O. Box 1058	
City, State, Zip Hobbs, NM, 88241	
Phone:	
Email: Dmontanez@Hungry-Horse.com	

Report Attention

Report due by:	
Attention: Natalie Gladen	
Address:	
City, State, Zip	
Phone:	
Email: Ngladen@Hungry-Horse.com	

Lab Use Only

Lab WO#	Job Number
P911116	19054-0003

TAT: 1D | 3D

EPA Program: RCRA | CWA | SDWA

State: NM | CO | UT | AZ

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	~~Metals 6010~~	Chloride 300.0	Remarks
2:28 PM	11-21	S	1	SP22	1	X	X	X		X	X	

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: _____

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Colin Smith	11-22	6:49 AM		11.22.19	1435
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11.22.19	1545	FedEx		

Lab Use Only

Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

FedEx 11/25/19 9.30 Raina Lopez 11/25/19 9.30

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Analytical Laboratory

Analytical Report

Report Summary

Client: Wagner Oil

Samples Received: 12/1/2019
Job Number: 19054-0003
Work Order: P911124
Project Name/Location: Salt Mountain State

Report Reviewed By: Walter Hinchman Date: 12/2/19

Walter Hinchman, Laboratory Director

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain State	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Guilleruo Garcia	12/02/19 16:17

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Wagner SMS36 SP6	P911124-01A	Soil	11/25/19	12/01/19	Glass Jar, 4 oz.
Wagner SMS36 SP10	P911124-02A	Soil	11/25/19	12/01/19	Glass Jar, 4 oz.
Wagner SMS36 SP29	P911124-03A	Soil	11/25/19	12/01/19	Glass Jar, 4 oz.
Wagner SMS36 SP16	P911124-04A	Soil	11/25/19	12/01/19	Glass Jar, 4 oz.

envirotech Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain State	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Guilleruo Garcia	12/02/19 16:17

Wagner SMS36

P911124-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	0.0250	mg/kg	1	1949001	12/01/19	12/02/19	EPA 8260B	
Toluene	**0.0345**	0.0250	mg/kg	1	1949001	12/01/19	12/02/19	EPA 8260B	
Ethylbenzene	**0.0750**	0.0250	mg/kg	1	1949001	12/01/19	12/02/19	EPA 8260B	
p,m-Xylene	**0.238**	0.0500	mg/kg	1	1949001	12/01/19	12/02/19	EPA 8260B	
o-Xylene	**0.349**	0.0250	mg/kg	1	1949001	12/01/19	12/02/19	EPA 8260B	
Total Xylenes	**0.586**	0.0250	mg/kg	1	1949001	12/01/19	12/02/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*102 %*		*70-130*	*1949001*	*12/01/19*	*12/02/19*	*EPA 8260B*	
Surrogate: Toluene-d8		*101 %*		*70-130*	*1949001*	*12/01/19*	*12/02/19*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*102 %*		*70-130*	*1949001*	*12/01/19*	*12/02/19*	*EPA 8260B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	**7670**	50.0	mg/kg	2	1948020	11/27/19	12/02/19	EPA 8015D	
Oil Range Organics (C28-C40)	**1500**	100	mg/kg	2	1948020	11/27/19	12/02/19	EPA 8015D	
Surrogate: n-Nonane		*131 %*		*50-200*	*1948020*	*11/27/19*	*12/02/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	**36.7**	20.0	mg/kg	1	1949001	12/01/19	12/02/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		*102 %*		*70-130*	*1949001*	*12/01/19*	*12/02/19*	*EPA 8015D*	
Surrogate: Toluene-d8		*101 %*		*70-130*	*1949001*	*12/01/19*	*12/02/19*	*EPA 8015D*	
Surrogate: Bromofluorobenzene		*102 %*		*70-130*	*1949001*	*12/01/19*	*12/02/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**2070**	20.0	mg/kg	1	1949002	12/01/19	12/02/19	EPA 300.0/9056A	

envirotech Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain State	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Guilleruo Garcia	12/02/19 16:17

Wagner SMS36 SP10
P911124-02 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	0.0250	mg/kg	1	1949001	12/01/19	12/02/19	EPA 8260B	
Toluene	**0.0335**	0.0250	mg/kg	1	1949001	12/01/19	12/02/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1949001	12/01/19	12/02/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1949001	12/01/19	12/02/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1949001	12/01/19	12/02/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1949001	12/01/19	12/02/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*		*1949001*	*12/01/19*	*12/02/19*	*EPA 8260B*	
Surrogate: Toluene-d8		*97.3 %*	*70-130*		*1949001*	*12/01/19*	*12/02/19*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*		*1949001*	*12/01/19*	*12/02/19*	*EPA 8260B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	**2660**	25.0	mg/kg	1	1948020	11/27/19	12/02/19	EPA 8015D	
Oil Range Organics (C28-C40)	**574**	50.0	mg/kg	1	1948020	11/27/19	12/02/19	EPA 8015D	
Surrogate: n-Nonane		*115 %*	*50-200*		*1948020*	*11/27/19*	*12/02/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1949001	12/01/19	12/02/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*		*1949001*	*12/01/19*	*12/02/19*	*EPA 8015D*	
Surrogate: Toluene-d8		*97.3 %*	*70-130*		*1949001*	*12/01/19*	*12/02/19*	*EPA 8015D*	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*		*1949001*	*12/01/19*	*12/02/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**1020**	20.0	mg/kg	1	1949002	12/01/19	12/02/19	EPA 300.0/9056A	

envirotech
Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain State	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Guilleruo Garcia	12/02/19 16:17

Wagner SMS36 SP29
P911124-03 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	0.0250	mg/kg	1	1949001	12/01/19	12/02/19	EPA 8260B	
Toluene	**0.0405**	0.0250	mg/kg	1	1949001	12/01/19	12/02/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1949001	12/01/19	12/02/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1949001	12/01/19	12/02/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1949001	12/01/19	12/02/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1949001	12/01/19	12/02/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*		*70-130*	*1949001*	*12/01/19*	*12/02/19*	*EPA 8260B*	
Surrogate: Toluene-d8		*97.9 %*		*70-130*	*1949001*	*12/01/19*	*12/02/19*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*96.8 %*		*70-130*	*1949001*	*12/01/19*	*12/02/19*	*EPA 8260B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	**2160**	25.0	mg/kg	1	1948020	11/27/19	12/02/19	EPA 8015D	
Oil Range Organics (C28-C40)	**756**	50.0	mg/kg	1	1948020	11/27/19	12/02/19	EPA 8015D	
Surrogate: n-Nonane		*112 %*		*50-200*	*1948020*	*11/27/19*	*12/02/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1949001	12/01/19	12/02/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*		*70-130*	*1949001*	*12/01/19*	*12/02/19*	*EPA 8015D*	
Surrogate: Toluene-d8		*97.9 %*		*70-130*	*1949001*	*12/01/19*	*12/02/19*	*EPA 8015D*	
Surrogate: Bromofluorobenzene		*96.8 %*		*70-130*	*1949001*	*12/01/19*	*12/02/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**290**	20.0	mg/kg	1	1949002	12/01/19	12/02/19	EPA 300.0/9056A	

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain State	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Guilleruo Garcia	12/02/19 16:17

Wagner SMS36 SP16
P911124-04 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	0.0250	mg/kg	1	1949001	12/01/19	12/02/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1949001	12/01/19	12/02/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1949001	12/01/19	12/02/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1949001	12/01/19	12/02/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1949001	12/01/19	12/02/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1949001	12/01/19	12/02/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*102 %*		*70-130*	*1949001*	*12/01/19*	*12/02/19*	*EPA 8260B*	
Surrogate: Toluene-d8		*97.6 %*		*70-130*	*1949001*	*12/01/19*	*12/02/19*	*EPA 8260B*	
Surrogate: Bromofluorobenzene		*97.8 %*		*70-130*	*1949001*	*12/01/19*	*12/02/19*	*EPA 8260B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	**98.0**	25.0	mg/kg	1	1948020	11/27/19	12/02/19	EPA 8015D	
Oil Range Organics (C28-C40)	**57.2**	50.0	mg/kg	1	1948020	11/27/19	12/02/19	EPA 8015D	
Surrogate: n-Nonane		*89.3 %*		*50-200*	*1948020*	*11/27/19*	*12/02/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1949001	12/01/19	12/02/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		*102 %*		*70-130*	*1949001*	*12/01/19*	*12/02/19*	*EPA 8015D*	
Surrogate: Toluene-d8		*97.6 %*		*70-130*	*1949001*	*12/01/19*	*12/02/19*	*EPA 8015D*	
Surrogate: Bromofluorobenzene		*97.8 %*		*70-130*	*1949001*	*12/01/19*	*12/02/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**249**	20.0	mg/kg	1	1949002	12/01/19	12/02/19	EPA 300.0/9056A	

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Wagner Oil	Project Name:	Salt Mountain State	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Guilleruo Garcia	12/02/19 16:17

Volatile Organic Compounds by 8260 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1949001 - Purge and Trap EPA 5030A										
Blank (1949001-BLK1)				Prepared: 12/01/19 0 Analyzed: 12/02/19 0						
Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							
Surrogate: 1,2-Dichloroethane-d4	*0.519*		"	*0.500*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.497*		"	*0.500*		*99.3*	*70-130*			
Surrogate: Bromofluorobenzene	*0.481*		"	*0.500*		*96.1*	*70-130*			
LCS (1949001-BS1)				Prepared: 12/01/19 0 Analyzed: 12/02/19 0						
Benzene	2.21	0.0250	mg/kg	2.50		88.3	70-130			
Toluene	2.14	0.0250	"	2.50		85.6	70-130			
Ethylbenzene	2.17	0.0250	"	2.50		86.9	70-130			
p,m-Xylene	4.53	0.0500	"	5.00		90.7	70-130			
o-Xylene	2.14	0.0250	"	2.50		85.4	70-130			
Total Xylenes	6.67	0.0250	"	7.50		88.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.522*		"	*0.500*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.491*		"	*0.500*		*98.2*	*70-130*			
Surrogate: Bromofluorobenzene	*0.486*		"	*0.500*		*97.1*	*70-130*			
Matrix Spike (1949001-MS1)		**Source: P911124-01**		Prepared: 12/01/19 0 Analyzed: 12/02/19 1						
Benzene	2.29	0.0250	mg/kg	2.50	ND	91.4	48-131			
Toluene	2.25	0.0250	"	2.50	0.0345	88.4	48-130			
Ethylbenzene	2.33	0.0250	"	2.50	0.0750	90.2	45-135			
p,m-Xylene	4.96	0.0500	"	5.00	0.238	94.3	43-135			
o-Xylene	2.69	0.0250	"	2.50	0.349	93.5	43-135			
Total Xylenes	7.64	0.0250	"	7.50	0.586	94.1	43-135			
Surrogate: 1,2-Dichloroethane-d4	*0.519*		"	*0.500*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.507*		"	*0.500*		*101*	*70-130*			
Surrogate: Bromofluorobenzene	*0.544*		"	*0.500*		*109*	*70-130*			
Matrix Spike Dup (1949001-MSD1)		**Source: P911124-01**		Prepared: 12/01/19 0 Analyzed: 12/02/19 1						
Benzene	2.28	0.0250	mg/kg	2.50	ND	91.2	48-131	0.241	23	
Toluene	2.23	0.0250	"	2.50	0.0345	87.8	48-130	0.715	24	
Ethylbenzene	2.28	0.0250	"	2.50	0.0750	88.0	45-135	2.39	27	
p,m-Xylene	4.84	0.0500	"	5.00	0.238	92.1	43-135	2.26	27	
o-Xylene	2.63	0.0250	"	2.50	0.349	91.1	43-135	2.28	27	
Total Xylenes	7.47	0.0250	"	7.50	0.586	91.8	43-135	2.26	27	
Surrogate: 1,2-Dichloroethane-d4	*0.497*		"	*0.500*		*99.3*	*70-130*			
Surrogate: Toluene-d8	*0.513*		"	*0.500*		*103*	*70-130*			
Surrogate: Bromofluorobenzene	*0.533*		"	*0.500*		*107*	*70-130*			

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Wagner Oil	Project Name:	Salt Mountain State	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Guilleruo Garcia	12/02/19 16:17

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1948020 - DRO Extraction EPA 3570										
Blank (1948020-BLK1)				Prepared: 11/27/19 1 Analyzed: 12/02/19 1						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	*47.1*		*"*	*50.0*		*94.2*	*50-200*			
LCS (1948020-BS1)				Prepared: 11/27/19 1 Analyzed: 12/02/19 1						
Diesel Range Organics (C10-C28)	460	25.0	mg/kg	500		92.0	38-132			
Surrogate: n-Nonane	*47.8*		*"*	*50.0*		*95.6*	*50-200*			
Matrix Spike (1948020-MS1)	**Source: P911123-01**			Prepared: 11/27/19 1 Analyzed: 12/02/19 1						
Diesel Range Organics (C10-C28)	525	25.0	mg/kg	500	ND	105	38-132			
Surrogate: n-Nonane	*52.0*		*"*	*50.0*		*104*	*50-200*			
Matrix Spike Dup (1948020-MSD1)	**Source: P911123-01**			Prepared: 11/27/19 1 Analyzed: 12/02/19 1						
Diesel Range Organics (C10-C28)	596	25.0	mg/kg	500	ND	119	38-132	12.7	20	
Surrogate: n-Nonane	*56.7*		*"*	*50.0*		*113*	*50-200*			

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain State	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Guilleruo Garcia	12/02/19 16:17

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1949001 - Purge and Trap EPA 5030A										
Blank (1949001-BLK1)				Prepared: 12/01/19 0 Analyzed: 12/02/19 0						
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1,2-Dichloroethane-d4	*0.519*		"	*0.500*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.497*		"	*0.500*		*99.3*	*70-130*			
Surrogate: Bromofluorobenzene	*0.481*		"	*0.500*		*96.1*	*70-130*			
LCS (1949001-BS2)				Prepared: 12/01/19 0 Analyzed: 12/02/19 1						
Gasoline Range Organics (C6-C10)	41.7	20.0	mg/kg	50.0		83.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.497*		"	*0.500*		*99.3*	*70-130*			
Surrogate: Toluene-d8	*0.501*		"	*0.500*		*100*	*70-130*			
Surrogate: Bromofluorobenzene	*0.490*		"	*0.500*		*97.9*	*70-130*			
Matrix Spike (1949001-MS2)	**Source: P911124-01**			Prepared: 12/01/19 0 Analyzed: 12/02/19 1						
Gasoline Range Organics (C6-C10)	82.4	20.0	mg/kg	50.0	36.7	91.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.502*		"	*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.518*		"	*0.500*		*104*	*70-130*			
Surrogate: Bromofluorobenzene	*0.534*		"	*0.500*		*107*	*70-130*			
Matrix Spike Dup (1949001-MSD2)	**Source: P911124-01**			Prepared: 12/01/19 0 Analyzed: 12/02/19 1						
Gasoline Range Organics (C6-C10)	82.6	20.0	mg/kg	50.0	36.7	91.8	70-130	0.217	20	
Surrogate: 1,2-Dichloroethane-d4	*0.512*		"	*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.512*		"	*0.500*		*102*	*70-130*			
Surrogate: Bromofluorobenzene	*0.515*		"	*0.500*		*103*	*70-130*			

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain State	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Guilleruo Garcia	12/02/19 16:17

Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1949002 - Anion Extraction EPA 300.0/9056A										
Blank (1949002-BLK1)				Prepared: 12/01/19 0 Analyzed: 12/02/19 0						
Chloride	ND	20.0	mg/kg							
LCS (1949002-BS1)				Prepared: 12/01/19 0 Analyzed: 12/02/19 1						
Chloride	247	20.0	mg/kg	250		98.8	90-110			
Matrix Spike (1949002-MS1)		**Source: P911124-01**		Prepared: 12/01/19 0 Analyzed: 12/02/19 1						
Chloride	2590	20.0	mg/kg	250	2070	208	80-120			M2
Matrix Spike Dup (1949002-MSD1)		**Source: P911124-01**		Prepared: 12/01/19 0 Analyzed: 12/02/19 1						
Chloride	2310	20.0	mg/kg	250	2070	92.7	80-120	11.8	20	

QC Summary Report
Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values my differ slightly.

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain State	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Guilleruo Garcia	12/02/19 16:17

Notes and Definitions

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
**	Methods marked with ** are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information

Chain of Custody ~~2~~ 2-DAY ~~10~~

Page 1 of 1

Client: Wagner
Project: Salt Mountain State
Project Manager: Guillermo N. Garcia
Address:
City, State, Zip
Phone:
Email:

Report Attention
Report due by: Hungry Horse
Attention: ~~Tracy Jennings~~ Natalie
Address: 4024 Plains Highway
City, State, Zip Lovington, NM. 88260
Phone: 575-390-1261
Email: Tjennings@Hungry-Horse.com mgladden@hungry-horse.com

Lab Use Only
Lab WO# P911124
Job Number 19054-0003

TAT: 1D | 3D

EPA Program: RCRA | CWA | SDWA

State: NM | CO | UT | AZ

Analysis and Method

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Remarks
10:44	11.25.19	Soil	1	Wagner SMS36 SP6	1	✓	✓	✓			✓	
1:07	11.25.19	Soil		Wagner SMS36 SP10	2	✓	✓	✓			✓	
2:18	11.25.19	Soil		Wagner SMS36 SP29	3	✓	✓	✓			✓	
2:47	11.25.19	Soil		Wagner SMS36 SP16	4	✓	✓	✓			✓	

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Guillermo N. Garcia

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11.26.19	645		11.26.19	1145
	11.26.19	1355		11.29.19	1115

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4.0 visible ice

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

11.29.19 1115 12-01-19 8:00

envirotech Analytical Laboratory
5796 US Highway 64, Farmington, NM 87401
24 Hour Emergency Response Phone (800) 362-1879
Ph (505) 632-1881 Fx (505) 632-1865
envirotech-inc.com
labadmin@envirotech-inc.com

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Analytical Laboratory

Analytical Report

Report Summary

Client: Wagner Oil

Samples Received: 3/11/2020
Job Number: 19054-0003
Work Order: P003053
Project Name/Location: Salt Mountain State

Report Reviewed By: Walter Hinchman Date: 3/12/20

Walter Hinchman, Laboratory Director

NELAP ACCREDITED TNI LABORATORY

Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.
Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way.
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Envirotech, Inc, holds the Utah TNI certification NM009792018-1 for the data reported.
Envirotech, Inc, holds the Texas TNI certification T104704557-19-2 for the data reported.

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain State	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Caleb Pilcher	03/12/20 16:07

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH1-18'	P003053-01A	Soil	03/09/20	03/11/20	Glass Jar, 4 oz.
BH2-15'	P003053-02A	Soil	03/09/20	03/11/20	Glass Jar, 4 oz.
BH3-15'	P003053-03A	Soil	03/09/20	03/11/20	Glass Jar, 4 oz.

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Wagner Oil	Project Name:	Salt Mountain State	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Caleb Pilcher	03/12/20 16:07

BH1-18'
P003053-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2011022	03/11/20	03/11/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2011022	03/11/20	03/11/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2011022	03/11/20	03/11/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2011022	03/11/20	03/11/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2011022	03/11/20	03/11/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2011022	03/11/20	03/11/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*50-150*		*2011022*	*03/11/20*	*03/11/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2011021	03/11/20	03/11/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2011021	03/11/20	03/11/20	EPA 8015D	
Surrogate: n-Nonane		*83.3 %*	*50-200*		*2011021*	*03/11/20*	*03/11/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2011022	03/11/20	03/11/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.7 %*	*50-150*		*2011022*	*03/11/20*	*03/11/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**171**	20.0	mg/kg	1	2011020	03/11/20	03/11/20	EPA 300.0/9056A	

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain State	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Caleb Pilcher	03/12/20 16:07

BH2-15'
P003053-02 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2011022	03/11/20	03/11/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2011022	03/11/20	03/11/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2011022	03/11/20	03/11/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2011022	03/11/20	03/11/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2011022	03/11/20	03/11/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2011022	03/11/20	03/11/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*		*50-150*	*2011022*	*03/11/20*	*03/11/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2011021	03/11/20	03/11/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2011021	03/11/20	03/11/20	EPA 8015D	
Surrogate: n-Nonane		*83.8 %*		*50-200*	*2011021*	*03/11/20*	*03/11/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2011022	03/11/20	03/11/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.8 %*		*50-150*	*2011022*	*03/11/20*	*03/11/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**99.3**	20.0	mg/kg	1	2011020	03/11/20	03/11/20	EPA 300.0/9056A	

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain State	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Caleb Pilcher	03/12/20 16:07

BH3-15'
P003053-03 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2011022	03/11/20	03/11/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2011022	03/11/20	03/11/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2011022	03/11/20	03/11/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2011022	03/11/20	03/11/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2011022	03/11/20	03/11/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2011022	03/11/20	03/11/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*		*50-150*	*2011022*	*03/11/20*	*03/11/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2011021	03/11/20	03/11/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2011021	03/11/20	03/11/20	EPA 8015D	
Surrogate: n-Nonane		*85.0 %*		*50-200*	*2011021*	*03/11/20*	*03/11/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2011022	03/11/20	03/11/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.6 %*		*50-150*	*2011022*	*03/11/20*	*03/11/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**590**	100	mg/kg	5	2011020	03/11/20	03/11/20	EPA 300.0/9056A	

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain State	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Caleb Pilcher	03/12/20 16:07

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2011022 - Purge and Trap EPA 5030A										
Blank (2011022-BLK1)				Prepared & Analyzed: 03/11/20 1						
Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							
Surrogate: 4-Bromochlorobenzene-PID	*8.81*		*"*	*8.00*		*110*	*50-150*			
LCS (2011022-BS1)				Prepared & Analyzed: 03/11/20 1						
Benzene	4.68	0.0250	mg/kg	5.00		93.6	70-130			
Toluene	4.90	0.0250	"	5.00		98.0	70-130			
Ethylbenzene	4.99	0.0250	"	5.00		99.8	70-130			
p,m-Xylene	9.98	0.0500	"	10.0		99.8	70-130			
o-Xylene	5.08	0.0250	"	5.00		102	70-130			
Total Xylenes	15.1	0.0250	"	15.0		100	0-200			
Surrogate: 4-Bromochlorobenzene-PID	*8.59*		*"*	*8.00*		*107*	*50-150*			
Matrix Spike (2011022-MS1)	**Source: P003053-01**			Prepared: 03/11/20 1 Analyzed: 03/12/20 1						
Benzene	4.38	0.0250	mg/kg	5.00	ND	87.5	54.3-133			
Toluene	4.72	0.0250	"	5.00	ND	94.5	61.4-130			
Ethylbenzene	4.86	0.0250	"	5.00	ND	97.3	61.4-133			
p,m-Xylene	9.73	0.0500	"	10.0	ND	97.3	63.3-131			
o-Xylene	4.91	0.0250	"	5.00	ND	98.2	63.3-131			
Total Xylenes	14.6	0.0250	"	15.0	ND	97.6	0-200			
Surrogate: 4-Bromochlorobenzene-PID	*8.72*		*"*	*8.00*		*109*	*50-150*			
Matrix Spike Dup (2011022-MSD1)	**Source: P003053-01**			Prepared & Analyzed: 03/11/20 1						
Benzene	4.53	0.0250	mg/kg	5.00	ND	90.7	54.3-133	3.54	20	
Toluene	4.76	0.0250	"	5.00	ND	95.3	61.4-130	0.842	20	
Ethylbenzene	4.85	0.0250	"	5.00	ND	97.1	61.4-133	0.191	20	
p,m-Xylene	9.70	0.0500	"	10.0	ND	97.0	63.3-131	0.264	20	
o-Xylene	4.89	0.0250	"	5.00	ND	97.8	63.3-131	0.424	20	
Total Xylenes	14.6	0.0250	"	15.0	ND	97.3	0-200	0.318	200	
Surrogate: 4-Bromochlorobenzene-PID	*8.65*		*"*	*8.00*		*108*	*50-150*			

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain State	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Caleb Pilcher	03/12/20 16:07

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2011021 - DRO Extraction EPA 3570										
Blank (2011021-BLK1)				Prepared: 03/11/20 0 Analyzed: 03/11/20 1						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	*42.9*		*"*	*50.0*		*85.7*	*50-200*			
LCS (2011021-BS1)				Prepared: 03/11/20 0 Analyzed: 03/11/20 1						
Diesel Range Organics (C10-C28)	397	25.0	mg/kg	500		79.5	38-132			
Surrogate: n-Nonane	*43.5*		*"*	*50.0*		*87.0*	*50-200*			
Matrix Spike (2011021-MS1)	**Source: P003053-01**			Prepared: 03/11/20 0 Analyzed: 03/11/20 1						
Diesel Range Organics (C10-C28)	397	25.0	mg/kg	500	ND	79.4	38-132			
Surrogate: n-Nonane	*42.7*		*"*	*50.0*		*85.4*	*50-200*			
Matrix Spike Dup (2011021-MSD1)	**Source: P003053-01**			Prepared: 03/11/20 0 Analyzed: 03/12/20 1						
Diesel Range Organics (C10-C28)	411	25.0	mg/kg	500	ND	82.1	38-132	3.39	20	
Surrogate: n-Nonane	*44.7*		*"*	*50.0*		*89.3*	*50-200*			

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain State	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Caleb Pilcher	03/12/20 16:07

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2011022 - Purge and Trap EPA 5030A										
Blank (2011022-BLK1)				Prepared & Analyzed: 03/11/20 1						
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.67*		*"*	*8.00*		*95.9*	*50-150*			
LCS (2011022-BS2)				Prepared & Analyzed: 03/11/20 1						
Gasoline Range Organics (C6-C10)	49.0	20.0	mg/kg	50.0		98.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.67*		*"*	*8.00*		*95.9*	*50-150*			
Matrix Spike (2011022-MS2)		**Source: P003053-01**		Prepared & Analyzed: 03/11/20 1						
Gasoline Range Organics (C6-C10)	45.5	20.0	mg/kg	50.0	ND	91.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.62*		*"*	*8.00*		*95.2*	*50-150*			
Matrix Spike Dup (2011022-MSD2)		**Source: P003053-01**		Prepared & Analyzed: 03/11/20 1						
Gasoline Range Organics (C6-C10)	47.3	20.0	mg/kg	50.0	ND	94.6	70-130	3.90	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.59*		*"*	*8.00*		*94.9*	*50-150*			

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain State	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Caleb Pilcher	03/12/20 16:07

Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2011020 - Anion Extraction EPA 300.0/9056A										
Blank (2011020-BLK1)				Prepared: 03/11/20 0 Analyzed: 03/11/20 1						
Chloride	ND	20.0	mg/kg							
LCS (2011020-BS1)				Prepared: 03/11/20 0 Analyzed: 03/11/20 1						
Chloride	251	20.0	mg/kg	250		100	90-110			
Matrix Spike (2011020-MS1)		**Source: P003053-01**		Prepared: 03/11/20 0 Analyzed: 03/11/20 1						
Chloride	446	20.0	mg/kg	250	171	110	80-120			
Matrix Spike Dup (2011020-MSD1)		**Source: P003053-01**		Prepared: 03/11/20 0 Analyzed: 03/11/20 1						
Chloride	445	20.0	mg/kg	250	171	110	80-120	0.153	20	

QC Summary Report
Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values my differ slightly.

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Analytical Laboratory

Wagner Oil	Project Name:	Salt Mountain State	
500 Commerce Street	Project Number:	19054-0003	**Reported:**
Fort Worth TX, 76102	Project Manager:	Caleb Pilcher	03/12/20 16:07

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
**	Methods marked with ** are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information | Chain of Custody | Page 1 of 1

Client: Wagner	Bill To
Project: Salt Mountain State	Attention: Natalie Gladden
Project Manager: Caleb Pilcher	Address:
Address: 4021 Plains Highway	City, State, Zip
City, State, Zip Lovington, NM	Phone:
Phone: 575-404-9123	Email:
Email: NGladden@Hungry-Horse.com	
Report due by:	

Lab Use Only		TAT		EPA Program		
Lab WO#	Job Number	1D	3D	RCRA	CWA	SDWA
P003053	19054-0003	X				

State: NM | CO | UT | AZ | TX | OK

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC - NM	BGDOC - TX			Remarks
11:37	3/9/2020	S	1	BH1-18'	1									X				
12:07	"	"	"	BH2-15'	2									X				
1:31	"	"	"	BH3-15'	3									X				

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	3/10/2020	0630	Kathy Rivera	3/10/20	0630
Kathy Rivera	3/10/20	1100	[signature]	3.10.2020	1100
[signature]	3.10.2020	1515	Raina Lopez	3/11/20	9:41

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech Analytical Laboratory
5796 US Highway 64, Farmington, NM 87401
24 Hour Emergency Response Phone (800) 362-1879
Ph (505) 632-1881 Fx (505) 632-1865
envirotech-inc.com
labadmin@envirotech-inc.com

Attachment V
NMOCD Form C-141 Remediation Pages

State of New Mexico
Oil Conservation Division

Incident ID	
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?	51'-100' (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
☒ Depth to water determination
☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
☒ 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.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: _____ Title: _____

Signature:_____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

☒ Detailed description of proposed remediation technique
☒ Scaled sitemap with GPS coordinates showing delineation points
☒ Estimated volume of material to be remediated
☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

☒ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

☒ Extents of contamination must be fully delineated.

☒ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

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

Action 162266

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 162266
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	1. All off pad areas should contain a minimum of 0'- 4' Below ground Surface of non-waste containing uncontaminated, earthen material with chloride concentrations less than 600 mg/kg. 2. Due to the high karst, designation of the spill area, the closure criteria that applies here is 600 mg/kg on Chlorides and 100 mg/kg on TPH. Please make sure all floor samples and sidewall samples are below these limits. 3. Only sample points on pad that require a major facility deconstruction will be deferred. Remove contaminants safely around equipment/pipelines with a hydrovac. If you believe a certain area will require a deferral, please make sure that it has been fully delineated and specify the exact soil sample locations. If rock refusal is encountered, use hydrovac to clean contaminated soil off rock. After rock surface is clean, layer rock with microbial strains to digest organics and hydrocarbons if present. Back-fill with clean material. The OCD needs to see that every measure has bee	11/30/2022