

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**

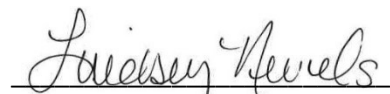
Prepared For:

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

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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 NMOC Form C-141 are available on the NMOC Imaging System. Remediation Pages of the NMOC 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.

NMOC 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 NMOC 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:

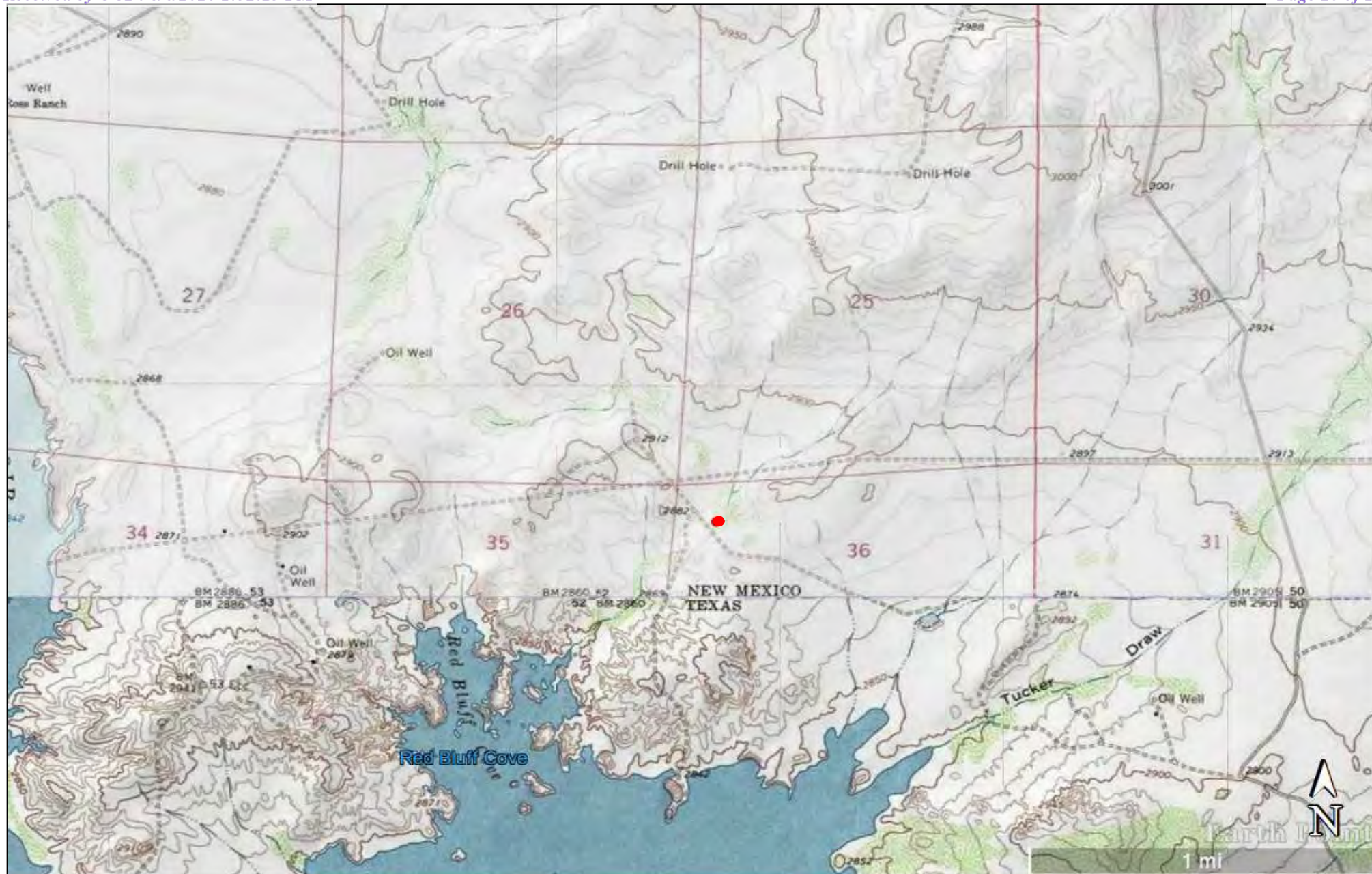
Wagner Oil Partners

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



**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



**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



**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: Imn
 Checked: dd
 Date: 7/21/20



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:

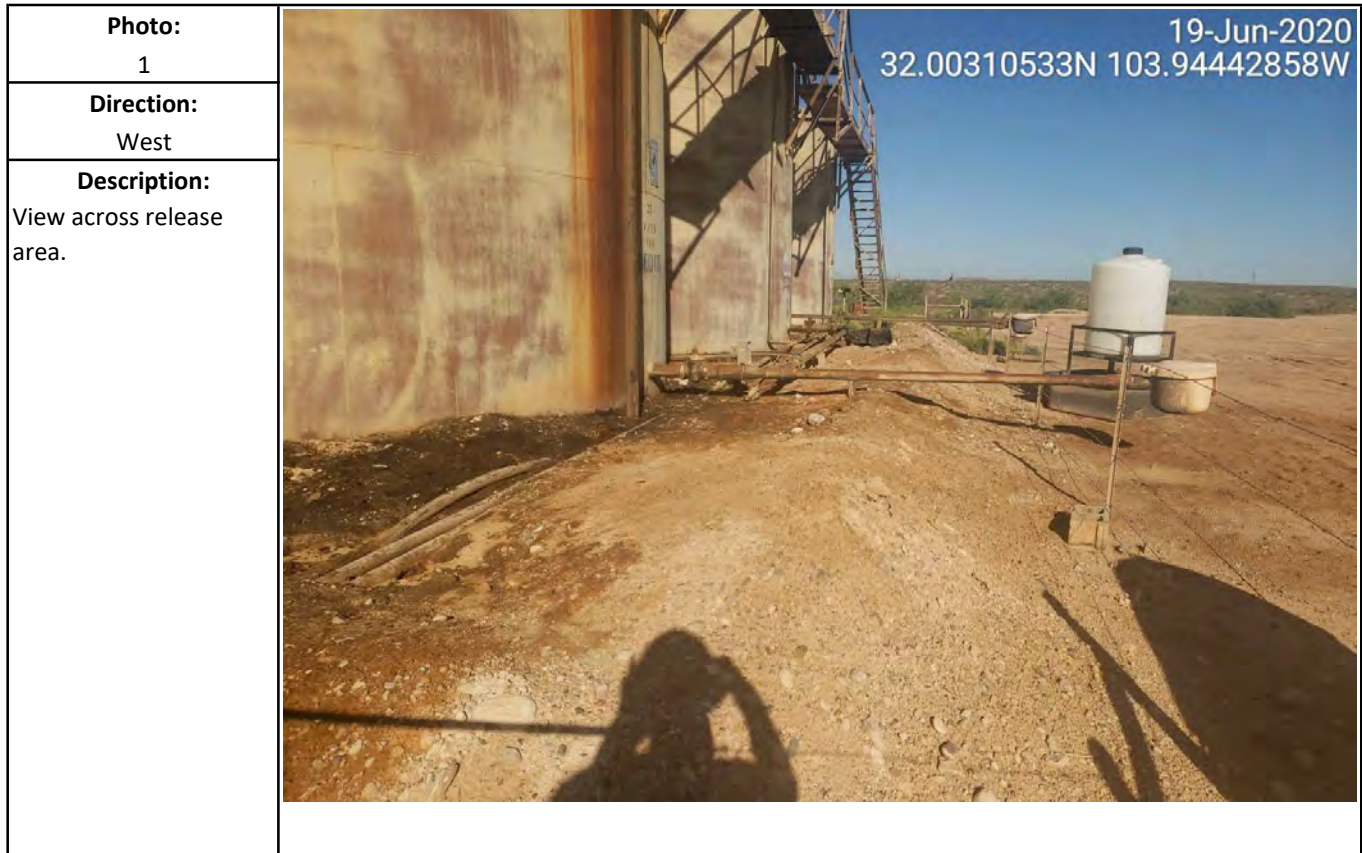
- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

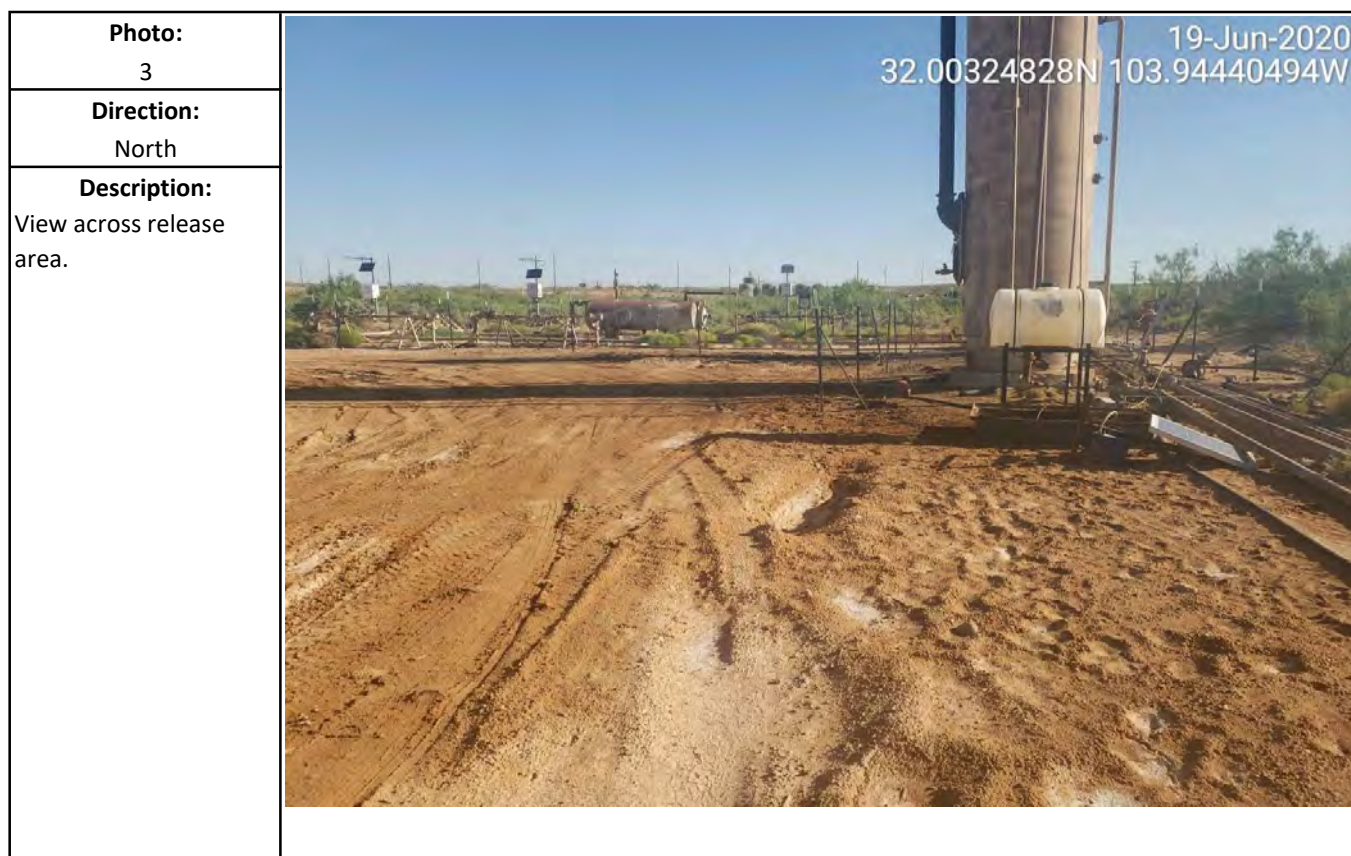
Attachment I

Site Photographs

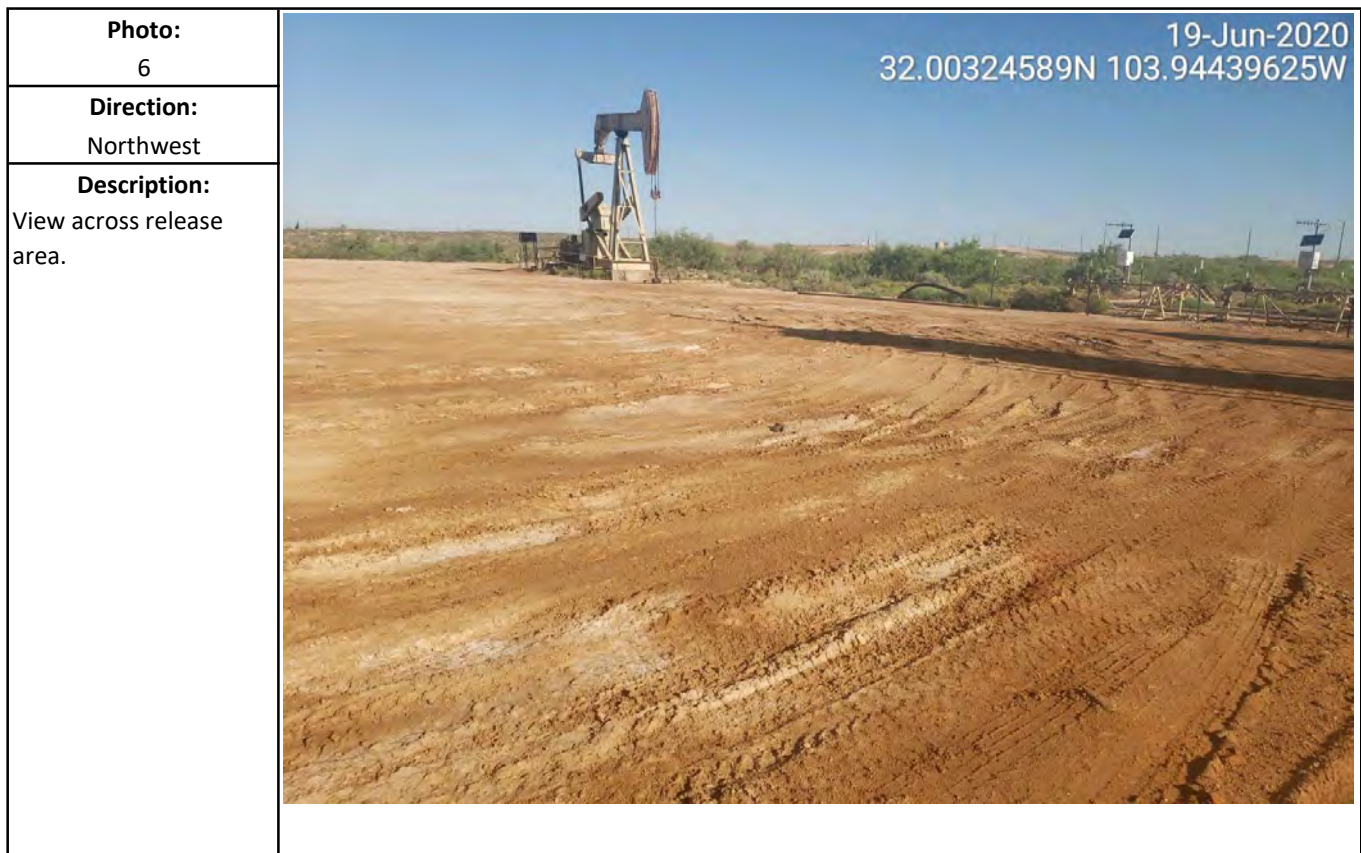
Photographs



Photographs



Photographs



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-Code	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

UTM NAD83 Radius Search (in meters):

Easting (X): 599672.42

Northing (Y): 3541298

Radius: 880


*UTM location was derived from PLSS - see Help

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



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	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

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

7/23/20 9:16 AM

POINT OF DIVERSION SUMMARY



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

[USGS Water Resources](#)

Data Category:


Geographic Area:

Groundwater

United States

GO

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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 measurmen
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.

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[Help](#)
[Data Tips](#)
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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	8:00	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'	9:30	40x20 = 800	lab #11-20-19

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	40x20 = 1200 TPH
Sp2 - 8'	12:25	64x20 = 1280 TPH
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
1' 10:40	100x20 = 2000
2' 10:55	100x20 = 2000
3' 11:05	80x20 = 1600
4' 11:20	80x20 = 1600
5' 11:30	44x20 = 880
6' 11:45	44x20 = 880
7' 11:55	44x20 = 880
8' 12:10	44x20 = 880
9' 12:40	40x20 = 800
10' 12:55	40x20 = 800
11' 1:10	40x20 = 800
12' 1:25	40x20 = 800

$8 \times 20 = 160$
 $40 \times 20 = 800$
 $64 \times 20 = 1280$
 $100 \times 20 = 2000$
 $40 \times 20 = 800$
 $34 \times 20 = 680$
 $28 \times 20 = 560$
 $20 \times 20 = 400$
 $24 \times 20 = 480$
 $12 \times 20 = 240$
 $24 \times 20 = 480$
 $28 \times 20 = 560$

$40 \times 20 = 800$ lab 11/20/19

SP4 - surf

1:40	20x20 = 400
1' 1:55	20x20 = 400
2' 2:10	20x20 = 400
3' 2:20	24x20 = 480
4' 2:35	60x20 = 1200
5' 2:45	60x20 = 1200
6' 2:55	80x20 = 1600
7' 3:10	120x20 = 2400
8' 3:10	120x20 = 2400
9' 3:35	120x20 = 2400
10' 3:45	120x20 = 2400
11' 3:55	120x20 = 2400
12' 4:00	120x20 = 2400
13' 4:10	120x20 = 2400
14' 4:25	120x20 = 2400
15' 4:35	120x20 = 2400

$12 \times 20 = 240$

$12 \times 20 = 240$

$12 \times 20 = 240$

$24 \times 20 = 480$

~~120x20 = 2400~~ $28 \times 20 = 560$

$16 \times 20 = 320$

$12 \times 20 = 240$

$40 \times 20 = 800$

$64 \times 20 = 1280$

$80 \times 20 = 1600$

$84 \times 20 = 1680$

$60 \times 20 = 1200$

$64 \times 20 = 1280$

$64 \times 20 = 1280$

$84 \times 20 = 1680$

$200 \times 20 = 4000$ lab 11/20/19

27

11/13:

Sp5 • surf 9:00 $20 \times 20 = 400$ • 1 9:00 $20 \times 20 = 400$ • 2 9:15 $12 \times 20 = 240$ • 3 9:25 $12 \times 20 = 240$ • 4 9:35 $40 \times 20 = 800$ • 5 9:45 $40 \times 20 = 800$ • 6 9:55 $24 \times 20 = 480$ • 7 10:05 $24 \times 20 = 480$ • 8 10:15 $24 \times 20 = 480$ • 9 10:25 $160 \times 20 = 480$ • 10 10:35 $160 \times 20 = 480$ 11 10:40 $160 \times 20 = 480$ 12 10:55 $120 \times 20 = 2400$ 13 11:05 $120 \times 20 = 2400$ 14 11:15 $360 \times 20 = 7200$ 15 11:20 $360 \times 20 = 7200$ $4 \times 20 = 160$ $4 \times 20 = 160$ $12 \times 20 = 240$ $16 \times 20 = 320$ $16 \times 20 = 320$ $16 \times 20 = 320$ $16 \times 20 = 320$ $16 \times 20 = 320$ $40 \times 20 = 800$ $80 \times 20 = 1600$ $84 \times 20 = 1680$ $88 \times 20 = 1760$ $60 \times 20 = 1200$ $68 \times 20 = 1360$ $200 \times 20 = 4000$ $180 \times 20 = 3600$ lab 11/20/19Sp6 Surf 11:30 $20 \times 20 = 400$ 1 11:35 $20 \times 20 = 400$ Sp7- surf 11:45 $60 \times 20 = 1200$ 1 11:55 $60 \times 20 = 1200$ 2 12:10 $320 \times 20 = 6400$ 3 12:40 $320 \times 20 = 6400$ 4 12:55 $320 \times 20 = 6400$ 5 1:05 $320 \times 20 = 6400$ 6 1:15 $420 \times 20 = 8400$ 7 1:25 $420 \times 20 = 8400$ 8 1:35 $420 \times 20 = 8400$ $88 \times 20 = 1760$ $200 \times 20 = 4000$ $280 \times 20 = 5600$ $520 \times 20 = 10400$ $460 \times 20 = 9200$ $440 \times 20 = 8800$ $360 \times 20 = 7200$ $280 \times 20 = 5600$ lab 11/20/19

2

Sp 8 Surf 1:50 $20 \times 20 = 400$ $12 \times 20 = 240$
 1' 2:10 $120 \times 20 = 2400$ $48 \times 20 = 960$
 2' 2:20 $160 \times 20 = 3200$ $100 \times 20 = 2000$
 3' 2:35 $200 \times 20 = 4000$ $88 \times 20 = 1760$
 4' 2:50 $200 \times 20 = 4000$ $100 \times 20 = 2000$
 5' 2:55 $180 \times 20 = 3600$ $100 \times 20 = 2000$ lab 11/24/19

11-4-19

Sp 9 - Surf 8:30 $20 \times 20 = 400$ $8 \times 20 = 160$
 1' 8:45 $20 \times 20 = 400$ $8 \times 20 = 160$
 2' 8:55 $8 \times 20 = 160$ $8 \times 20 = 160$ lab 11/20/19
 3' 9:10 $8 \times 20 = 160$ $8 \times 20 = 160$
 4' 9:25 $8 \times 20 = 160$ $8 \times 20 = 160$
 5' 9:35 $8 \times 20 = 160$ $8 \times 20 = 160$

Sp 10 - Surf 10:00 $64 \times 20 = 1280$ $48 \times 20 = 960$
 2 10:10 $40 \times 20 = 800$ $40 \times 20 = 800$
 4 10:30 $28 \times 20 = 560$ $28 \times 20 = 560$
 6 10:40 $48 \times 20 = 880$ $44 \times 20 = 880$
 8 12:00 $60 \times 20 = 1200$ $48 \times 20 = 960$
 10 12:10 $44 \times 20 = 880$ $44 \times 20 = 880$
 12 12:20 $44 \times 20 = 880$ $44 \times 20 = 880$ lab 11/20/19

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

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	10:00 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

Wagner Salt mountain

12/19

Sp18 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

Sp19 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 18,250 TPH

2' 10:30 1,700 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

Wagner 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	

Rq 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
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Refusal - (Solid Rock)
 can't go deeper

Sp 26.	surf	1120	TPH
	1'	880	TPH
	2'	680	TPH
	3'	380	

Wagon Salt Mouth

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

Sp 30 surf	1160	TPH	
1	1090	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 ~~1900~~ TPH
4' 2110 ~~2110~~

SW1 Surf 590
2' 320

SW2 Surf 400
2' 360

SW3 Surf 290
2' 210

SW4 Surf 240
2' ~~240~~ 180

Wagoner Salt Mountain State

March 9, 2020

BH 1	Surf	$2' 28 \times 20 = 560$
	4'	$60 \times 20 = 1200$
	6'	$104 \times 20 = 2080$
	8'	$72 \times 20 = 1440$
	10'	$40 \times 20 = 800$
	12'	$28 \times 20 = 560$
	14'	$38 \times 20 = 760$
	16'	$28 \times 20 = 560$
	18'	$8 \times 20 = 160$

BH 2	Surf	$436 \times 20 = 8720$
	2'	$140 \times 20 = 5600$
	4'	$72 \times 20 = 1440$
	6'	$70 \times 20 = 1400$
	8'	$32 \times 20 = 640$
	10'	$200 \times 20 = 4000$
	11'	$28 \times 20 = 560$
	13'	$24 \times 20 = 480$
	15'	$4 \times 20 = 80$

BH 3	Surf	$260 \times 20 = 5200$
	2'	$208 \times 20 = 4160$
	4'	$152 \times 20 = 3040$
	6'	$108 \times 20 = 2160$
	8'	$116 \times 20 = 2320$
	10'	$164 \times 20 = 3280$
	11'	$108 \times 20 = 2160$
	12'	$84 \times 20 = 1680$
	13'	$60 \times 20 = 1200$
	14'	$28 \times 20 = 560$
	15'	$42 \times 20 = 840$

Attachment IV

Laboratory Analytical Reports



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:

A handwritten signature in black ink, appearing to read 'Walter Hinchman', is written over a light blue horizontal line.

Date: 11/25/19

Walter Hinchman, Laboratory Director



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.



Wagner Oil
500 Commerce Street
Fort Worth TX, 76102

Project Name: Salt Mountain St 36
Project Number: 19054-0003
Project Manager: Fabian Franco

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

SP1
P911104-01 (Solid)

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

SP2
P911104-02 (Solid)

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

SP3
P911104-03 (Solid)

Reporting									
Analyte	Result	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	Reported: 11/25/19 14:06
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Fabian Franco	

SP4
P911104-04 (Solid)

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

SP5
P911104-05 (Solid)

Reporting									
Analyte	Result	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	Reported: 11/25/19 14:06
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Fabian Franco	

SP6
P911104-06 (Solid)

Reporting									
Analyte	Result	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	Reported: 11/25/19 14:06
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Fabian Franco	

SP7
P911104-07 (Solid)

Reporting									
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		99.2 %		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	Reported: 11/25/19 14:06
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Fabian Franco	

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

SP9
P911104-09 (Solid)

Reporting									
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		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	Reported: 11/25/19 14:06
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Fabian Franco	

SP10
P911104-10 (Solid)

Reporting									
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		99.6 %		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	Reported: 11/25/19 14:06
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Fabian Franco	

SP15
P911104-11 (Solid)

Reporting									
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		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	Reported: 11/25/19 14:06
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Fabian Franco	

SP16
P911104-12 (Solid)

Reporting									
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		99.2 %		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	Reported: 11/25/19 14:06
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Fabian Franco	

SP17
P911104-13 (Solid)

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

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

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

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
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Batch 1947046 - Anion Extraction EPA 300.0/9056A**Blank (1947046-BLK1)**

Prepared & Analyzed: 11/22/19 0

Chloride	ND	20.0	mg/kg							
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LCS (1947046-BS1)

Prepared: 11/22/19 0 Analyzed: 11/22/19 1

Chloride	236	20.0	mg/kg	250		94.4	90-110			
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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			
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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	
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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 may differ slightly.

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

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.

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Client: <u>Wagner</u>					Report Attention					Lab Use Only					TAT		EPA Program				
Project: <u>Salt Mountain St 3L</u>					Report due by:					Lab WO# <u>P911104</u>					Job Number <u>19054-0003</u>		1D	3D	RCRA	CWA	SDWA
Project Manager: <u>Fabian Franco</u>					Attention: <u>Natalie Gladden</u>																
Address: <u>PO Box 1058</u>					Address:																
City, State, Zip: <u>1055 NM</u>					City, State, Zip:																
Phone:					Phone:																
Email: <u>Ffranco@hungry-horse.com</u>					Email: <u>ngladden@hungry-horse.com</u>																
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									
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 5 °C on subsequent days.									
Relinquished by: (Signature) <u>[Signature]</u>				Date <u>11/20/19</u>		Time <u>2:00</u>		Received by: (Signature) <u>[Signature]</u>				Date <u>11-20-19</u>		Time <u>1400</u>		Lab Use Only					
Relinquished by: (Signature) <u>[Signature]</u>				Date <u>11-20-19</u>		Time <u>1515</u>		Received by: (Signature) <u>FedEx</u>				Date		Time		Received on ice: <u>Y</u> / N					
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-inc.com
labadmin@envirotech-inc.com



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:

A handwritten signature in black ink, appearing to read 'Walter Hinchman', is written over a light blue rectangular background.

Date: 11/20/19

Walter Hinchman, Laboratory Director



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.



Wagner Oil
500 Commerce Street
Fort Worth TX, 76102

Project Name: Salt Mountain State
Project Number: 19054-0003
Project Manager: Henry Grenidos

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

SP11
P911089-01 (Solid)

Reporting									
Analyte	Result	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: n-Nonane</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		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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Wagner Oil	Project Name:	Salt Mountain State	Reported: 11/20/19 14:49
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Henry Grenidos	

SP12
P911089-02 (Solid)

Reporting									
Analyte	Result	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: n-Nonane</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		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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Wagner Oil	Project Name:	Salt Mountain State	Reported: 11/20/19 14:49
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Henry Grenidos	

SP13
P911089-03 (Solid)

Reporting									
Analyte	Result	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: n-Nonane</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		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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Wagner Oil	Project Name:	Salt Mountain State	Reported: 11/20/19 14:49
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Henry Grenidos	

SP14
P911089-04 (Solid)

Reporting									
Analyte	Result	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: n-Nonane</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		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	
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Wagner Oil	Project Name:	Salt Mountain State	Reported: 11/20/19 14:49
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Henry Grenidos	

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

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

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
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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	Reported: 11/20/19 14:49
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Henry Grenidos	

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
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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 may differ slightly.

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

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.

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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:

A handwritten signature in black ink, appearing to read 'Walter Hinchman', is written over a light blue rectangular background.

Date: 12/9/19

Walter Hinchman, Laboratory Director



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.



Wagner Oil
500 Commerce Street
Fort Worth TX, 76102

Project Name: Salt Mountain 36 St #1
Project Number: 19054-0003
Project Manager: Fabian Franco

Reported:
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	Reported: 12/09/19 13:00
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Fabian Franco	

SP18
P912012-01 (Solid)

Reporting									
Analyte	Result	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: n-Nonane</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		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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Wagner Oil	Project Name:	Salt Mountain 36 St #1	Reported: 12/09/19 13:00
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Fabian Franco	

SP19
P912012-02 (Solid)

Reporting									
Analyte	Result	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: n-Nonane</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		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	Reported: 12/09/19 13:00
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Fabian Franco	

SP20
P912012-03 (Solid)

Reporting									
Analyte	Result	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: n-Nonane</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		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	Reported: 12/09/19 13:00
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Fabian Franco	

SP21
P912012-04 (Solid)

Reporting									
Analyte	Result	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: n-Nonane</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		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	Reported: 12/09/19 13:00
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Fabian Franco	

SP23
P912012-05 (Solid)

Reporting									
Analyte	Result	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: n-Nonane</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		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	Reported: 12/09/19 13:00
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Fabian Franco	

SP24
P912012-06 (Solid)

Reporting									
Analyte	Result	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: n-Nonane</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		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	Reported: 12/09/19 13:00
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Fabian Franco	

SP25
P912012-07 (Solid)

Reporting									
Analyte	Result	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: n-Nonane</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		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	Reported: 12/09/19 13:00
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Fabian Franco	

SP26
P912012-08 (Solid)

Reporting									
Analyte	Result	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: n-Nonane</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		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	Reported: 12/09/19 13:00
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Fabian Franco	

SP27
P912012-09 (Solid)

Reporting									
Analyte	Result	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: n-Nonane</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		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	Reported: 12/09/19 13:00
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Fabian Franco	

SP28
P912012-10 (Solid)

Reporting									
Analyte	Result	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: n-Nonane</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		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	Reported: 12/09/19 13:00
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Fabian Franco	

SP30
P912012-11 (Solid)

Reporting									
Analyte	Result	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: n-Nonane</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		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	Reported: 12/09/19 13:00
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Fabian Franco	

SP31
P912012-12 (Solid)

Reporting									
Analyte	Result	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: n-Nonane</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		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	Reported: 12/09/19 13:00
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Fabian Franco	

SP32
P912012-13 (Solid)

Reporting									
Analyte	Result	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: n-Nonane</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		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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Wagner Oil	Project Name:	Salt Mountain 36 St #1	Reported: 12/09/19 13:00
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Fabian Franco	

SW1
P912012-14 (Solid)

Reporting									
Analyte	Result	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: n-Nonane</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		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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Wagner Oil	Project Name:	Salt Mountain 36 St #1	Reported: 12/09/19 13:00
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Fabian Franco	

SW2
P912012-15 (Solid)

Reporting									
Analyte	Result	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: n-Nonane</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		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	
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Wagner Oil	Project Name:	Salt Mountain 36 St #1	Reported: 12/09/19 13:00
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Fabian Franco	

SW3
P912012-16 (Solid)

Reporting									
Analyte	Result	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: n-Nonane</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		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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Wagner Oil	Project Name:	Salt Mountain 36 St #1	Reported: 12/09/19 13:00
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Fabian Franco	

SW4
P912012-17 (Solid)

Reporting									
Analyte	Result	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: n-Nonane</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		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	
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Wagner Oil	Project Name:	Salt Mountain 36 St #1	Reported: 12/09/19 13:00
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Fabian Franco	

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
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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			
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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			
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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			
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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			
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Wagner Oil	Project Name:	Salt Mountain 36 St #1	Reported: 12/09/19 13:00
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Fabian Franco	

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
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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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Wagner Oil	Project Name:	Salt Mountain 36 St #1	Reported: 12/09/19 13:00
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Fabian Franco	

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
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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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Wagner Oil	Project Name:	Salt Mountain 36 St #1	Reported: 12/09/19 13:00
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Fabian Franco	

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
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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 may differ slightly.

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Wagner Oil	Project Name:	Salt Mountain 36 St #1	Reported: 12/09/19 13:00
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Fabian Franco	

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.

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Client: <u>Leaner Oil</u>		Report Attention		Lab Use Only				TAT		EPA Program		
Project: <u>Salt Mountain 30st #1</u>		Report due by: <u>2-04-19</u>		Lab WO# <u>P 912012</u>		Job Number <u>19054-0003</u>		1D	3D	RCRA	CWA	SDV
Project Manager: <u>Fabian Franco</u>		Attention: <u>Madeline G. Gadden</u>										
Address: <u>4024 Plains Hwy</u>		Address: <u>4024 Plains Hwy</u>		Analysis and Method								
City, State, Zip: <u>Lawrence, NM 87200</u>		City, State, Zip: <u>Lawrence, NM 87200</u>		State								
Phone: _____		Phone: <u>505-390-6397</u>		NM CO UT AZ								
Email: _____		Email: <u>mgadden@hugoboss-horke.com</u>		Remarks								

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						
8:12	12/2	S	1	SP18	1														
8:40	12/2		1	SP19	2														
9:09	12/2		1	SP20	3														
11:15	12/2		1	SP21	4														
2:21	12/2		1	SP23	5														
3:40	12/2		1	SP24	6														
4:51	12/2		1	SP25	7														
7:01	12/3		1	SP26	8														
9:21	12/3		1	SP27	9														
9:48	12/3		1	SP28	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) <u>[Signature]</u>	Date <u>12/5/19</u>	Time <u>2:00pm</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>12.5.19</u>	Time <u>1400</u>	Lab Use Only Received on ice: <u>Y</u> / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>12.5.19</u>	Time <u>1505</u>	Received by: (Signature) <u>Rain Lopez</u>	Date <u>12/6/19</u>	Time <u>9:30</u>	
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.

Client:		Report Attention		Lab Use Only		TAT		EPA Program				
Project: <u>Salt Mountain St #1</u>		Report due by:		Lab WO# <u>P 9/20/12</u>		Job Number <u>14054-0003</u>		1D	3D	RCRA	CWA	SDV
Project Manager:		Attention:										
Address:		Address: <u>SAME</u>								State		
City, State, Zip		City, State, Zip								NM CO UT A		
Phone:		Phone:										
Email:		Email:										

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									

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	Lab Use Only Received on ice: <u>Y</u> / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
	12-5-19	1505	Raina Lopez	12/6/19	9:30	

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.



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:

A handwritten signature in black ink, appearing to read 'Walter Hinchman', is written over a light blue rectangular background.

Date: 11/26/19

Walter Hinchman, Laboratory Director



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.



Wagner Oil
500 Commerce Street
Fort Worth TX, 76102

Project Name: Salt Mountain 36
Project Number: 19054-0003
Project Manager: Dakotah Montanez

Reported:
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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Wagner Oil	Project Name:	Salt Mountain 36	Reported: 11/26/19 13:07
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Dakotah Montanez	

SP22
P911116-01 (Solid)

Reporting									
Analyte	Result	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: n-Nonane</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		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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Wagner Oil	Project Name:	Salt Mountain 36	Reported: 11/26/19 13:07
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Dakotah Montanez	

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
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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			

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Wagner Oil	Project Name:	Salt Mountain 36	Reported: 11/26/19 13:07
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Dakotah Montanez	

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
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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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Wagner Oil	Project Name:	Salt Mountain 36	Reported: 11/26/19 13:07
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Dakotah Montanez	

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
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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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Wagner Oil	Project Name:	Salt Mountain 36	Reported: 11/26/19 13:07
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Dakotah Montanez	

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
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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							
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LCS (1948005-BS1)

Prepared: 11/25/19 1 Analyzed: 11/26/19 0

Chloride	256	20.0	mg/kg	250		102	90-110			
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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			
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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	
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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 may differ slightly.

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Wagner Oil
500 Commerce Street
Fort Worth TX, 76102

Project Name: Salt Mountain 36
Project Number: 19054-0003
Project Manager: Dakotah Montanez


Reported:
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.

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envirotech
 Analytical Laboratory
 5795 US Highway 64, Farmington, NM 87401
 24 Hour Emergency Response Phone: (800) 362-1879



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:

A handwritten signature in black ink, appearing to read 'Walter Hinchman', is written over a light blue horizontal line.

Date: 12/2/19

Walter Hinchman, Laboratory Director



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.



Wagner Oil
500 Commerce Street
Fort Worth TX, 76102

Project Name: Salt Mountain State
Project Number: 19054-0003
Project Manager: Guilleruo Garcia

Reported:
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.

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Wagner Oil	Project Name:	Salt Mountain State	Reported: 12/02/19 16:17
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Guilleruo Garcia	

**Wagner SMS36
P911124-01 (Solid)**

Reporting									
Analyte	Result	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	
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Wagner Oil	Project Name:	Salt Mountain State	Reported: 12/02/19 16:17
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Guilleruo Garcia	

**Wagner SMS36 SP10
P911124-02 (Solid)**

Reporting									
Analyte	Result	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	
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Wagner Oil	Project Name:	Salt Mountain State	Reported: 12/02/19 16:17
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Guilleruo Garcia	

**Wagner SMS36 SP29
P911124-03 (Solid)**

Reporting									
Analyte	Result	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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Wagner Oil	Project Name:	Salt Mountain State	Reported: 12/02/19 16:17
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Guilleruo Garcia	

**Wagner SMS36 SP16
P911124-04 (Solid)**

Reporting									
Analyte	Result	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	Reported: 12/02/19 16:17
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Guilleruo Garcia	

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
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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	Reported: 12/02/19 16:17
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Guilleruo Garcia	

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
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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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Wagner Oil	Project Name:	Salt Mountain State	Reported: 12/02/19 16:17
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Guilleruo Garcia	

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
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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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Wagner Oil	Project Name:	Salt Mountain State	Reported: 12/02/19 16:17
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Guilleruo Garcia	

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
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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							
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LCS (1949002-BS1)

Prepared: 12/01/19 0 Analyzed: 12/02/19 1

Chloride	247	20.0	mg/kg	250		98.8	90-110			
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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
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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	
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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 may differ slightly.

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Wagner Oil	Project Name:	Salt Mountain State	Reported: 12/02/19 16:17
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Guilleruo Garcia	

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

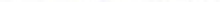
** Methods marked with ** are non-accredited methods.

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

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~~2~~ 2-DAY ~~1/2~~

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:  (7)

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 5 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4.0</u> <i>visible ice</i>
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
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 11:15 June 31, 2019 12-01-19 8:00



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:

A handwritten signature in black ink, appearing to read 'Walter Hinchman', is written over a light blue rectangular background.

Date: 3/12/20

Walter Hinchman, Laboratory Director



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.



Wagner Oil
500 Commerce Street
Fort Worth TX, 76102

Project Name: Salt Mountain State
Project Number: 19054-0003
Project Manager: Caleb Pilcher

Reported:
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	Reported: 03/12/20 16:07
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Caleb Pilcher	

BH1-18'
P003053-01 (Solid)

Reporting									
Analyte	Result	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: n-Nonane</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		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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Wagner Oil	Project Name:	Salt Mountain State	Reported: 03/12/20 16:07
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Caleb Pilcher	

BH2-15'
P003053-02 (Solid)

Reporting									
Analyte	Result	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: n-Nonane</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		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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Wagner Oil	Project Name:	Salt Mountain State	Reported: 03/12/20 16:07
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Caleb Pilcher	

BH3-15'
P003053-03 (Solid)

Reporting									
Analyte	Result	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		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	
<i>Surrogate: n-Nonane</i>		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		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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Wagner Oil	Project Name:	Salt Mountain State	Reported: 03/12/20 16:07
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Caleb Pilcher	

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
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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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Wagner Oil	Project Name:	Salt Mountain State	Reported: 03/12/20 16:07
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Caleb Pilcher	

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
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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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Wagner Oil	Project Name:	Salt Mountain State	Reported: 03/12/20 16:07
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Caleb Pilcher	

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
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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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Wagner Oil	Project Name:	Salt Mountain State	Reported: 03/12/20 16:07
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Caleb Pilcher	

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
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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							
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LCS (2011020-BS1)

Prepared: 03/11/20 0 Analyzed: 03/11/20 1

Chloride	251	20.0	mg/kg	250		100	90-110			
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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			
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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	
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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 may differ slightly.

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Wagner Oil	Project Name:	Salt Mountain State	Reported: 03/12/20 16:07
500 Commerce Street	Project Number:	19054-0003	
Fort Worth TX, 76102	Project Manager:	Caleb Pilcher	

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.

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Attachment V
NMOCD Form C-141 Remediation Pages

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?	<u>51'-100'</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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: David Reeves Title: EngineerSignature:  Date: 7/31/20email: dreeves@wagneroil.com Telephone: 903-312-2253**OCD Only**

Received by: _____ Date: _____

Form C-141

Page 5

State of New Mexico
Oil Conservation Division

Incident ID	NRM1935736827
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: David Reeves Title: Engineer
 Signature: [Signature] Date: 7/31/20
 email: dreeves@wayne.oil.wm Telephone: 903-312-2253

OCD Only

Received by: _____ Date: _____

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

Signature: Bradford Billings Date: 09/29/2020 SEE BELOW

Variances for sampling soils on 500 sq ft is denied as no rationale was noted.

Securely berm the stockpiles on the plastic indicated to prevent potential runoff.

The area(s) indicated that are to be left in place (in tank area) and along surface piping runs (assumed) should have a non-permeable liner placed over the area(s) of contamination left in place. In future, please make your case for allowing material to remain in terms of the spill rule.

Please make sure all other components of the Spill Rule are attended too in terms of conformation sampling and restoration.

Likewise agreement from surface owner should be gathered and indicated in next report.

Please note that the constituent levels indicated to attend in report are for < or = to 50 feet which is appropriate in this instance