Empire Energy

Closure Plan

Scout Energy Management, LLC
West Dollarhide Drinkard Unit #87
Lea County, New Mexico
Unit Letter "I" Section 5, Township 25S, Range 38E
Latitude 32.15820 Longitude -103.07560
NMOCD Reference Number nAPP2132902756

Prepared For:
Scout Energy Management, LLC.
13800 Montfort Road, Suite 100
Dallas, TX. 75420

Prepared By:
Empire Energy
Eunice, New Mexico 88231

Marcelino Hernandez Jr.

Empire Energy

The following *Site Characterization and Closure 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 I (NE ¼ SE ¼), Section 32, Township 25 South, Range 88 East, approximately 7.5 miles northeast of Jal, in Lea County, New Mexico. The property is owned by Randy Crawford.

The release site is located on the pad of an active well; latitude 32.15820 North, longitude -103.07560. Area Map, Site Location Map, and Sample/Site Map are included as Figure 1, Figure 2, and Figure 3, respectively. The Initial NMOCD Form C-141 indicates the stuffing box on the well head failed and cause the release. The stuffing box was immediately repacked and tightened to stop the release. A vacuum truck was immediately brought to the facility, standing fluids were recovered. The affected area is the pad around the well head and on the north side of the well pad. The visually stained area totals approximately 7,850 square feet. The Initial NMOCD Form C-141 is included as Attachment IV.

Groundwater and Regulatory
A search for water wells was completed utilizing the USGS and New Mexico Office of the State Engineer's (NMOSE) websites. There is one USGS well located in the area surrounding the release site (reference *Table 1*). Also, no wells (domestic, agriculture or public) and no bodies of surface water exist within a 1,000-foot radius of the release site (reference *Figure 2*). The USGS database indicates average water depth as approximately 105 feet below ground surface (bgs) within a .5 mile radius (reference *Table 1*). The NMOSE database located a domestic well at 1 mile with an indicated depth to water of 105feet bgs, however, this is too great a distance to accurately determine depth to water for this location (reference *Attachment II*). In lieu of drilling a test water well, Scout Energy is choosing to adhere to the most stringent requirement of (NMOCD) Rule (Title 19 Chapter 15 Part 29).

An evaluation and site determinations were performed in accordance to the New Mexico Oil Conservation Division (NMOCD) Rule (Title 19 Chapter 15 Part 29) for releases on oil and gas development and production facilities in New Mexico (effective August 14, 2018). According to the site characterization evaluation, the site is located is in a low karst area and in no known flood zones. No other receptors (water wells, playas, lake beds or ordinance boundaries) were located within each specific boundaries or distance from the site. The groundwater data and the site characterization evaluation data are summarized in Appendix B. The delineation and closure criteria are listed below:

Site Characterization	Average Depth to Water(ft.)
Low Karst/Zone D Flood plain Unknown	50'

Remedial Action Levels (RALS)	
Chlorides	600 mg/kg
TPH (GRO and DRO and MRO)	100 mg/kg
Benzene	50 mg/kg
Total BTEX	50 mg/kg

Empire Energy

Delineation Progress:
On December 10, 2021 Empire Energy personnel mobilized on site to collect soil samples to determine the vertical extent of contamination. A total of eight soil samples were collected from eight sample locations; SP1 – SP5. One soil sample from each sample location were sent to Eurofins Xenco, In Midland Tx. for testing. Laboratory analytical results indicate that all samples are below NMOCD RALS the release area is void of TPH and Chloride concentrations above NMOCD RRALs (reference *Figure 3* and *Table 2*).

Portions of select soil samples were field tested for organic vapors and chloride concentrations. Soil samples collected for field testing of organic vapors were placed in self-sealing polyethylene bags and allowed to equilibrate to ~70° F. Chloride concentrations were determined via use of a LaMotte Chloride Kit (Titration Method).

Soil samples designated for laboratory analyses were collected into laboratory provided glass containers, labeled and inserted into self-sealing polyethylene bags, placed in a cooler, chilled and transported to an independent laboratory for quantification of contaminant concentrations under Chain-of-Custody protocol.

Proposed Actions:
Considering depth to water, field testing, laboratory analytical data, Empire scraped 6” on caliche pad and removed 4’ BGS of soil at sample point 2 and sample point 4 to 6’ BGS to the most stringent requirement as per NMOCD Rule (Title 19 Chapter 15 Part 29) hauled the contaminated soil to a NMOCD approved solid waste disposal facility. Empire has backfilled with clean topsoil for bedding and caliche on the pad.

Request for Closure:
Scout Energy Management is requesting that the New Mexico Oil Conservation Division grant closure approval of the West Dollarhide Drinkard Unit 87 release that occurred on December 10, 2021.

Following completion of NMOCD approval and land owner approval Scout Energy requests no further action at this time.

Should you have any questions or concerns please feel free to contact me at (575)-441-3003 or via e-mail at empireenergyservices@gmail.com or Mr. Aaron Hickert at (620)-353-4960 or via e-mail at ahickert@scoutep.com All official communication should be addressed to:

Mr. Aaron Hickert
Scout Energy Management, LLC
13800 Montfort Road, Suite 100
Dallas, TX. 75420

Empire Energy

Sincerely,

Empire Energy

Marcelino Hernandez Jr.
Environmental Consultant

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Figure 1
Site Location Map

Figure 1
Area Map
Scout Energy Management
WDDU 87

Lea County, New Mexico
NE4/SE4 Sec. 5 25S 38E
Latitude 32.15820 Longitude -103.07560
Elevation 3,140' AMSL

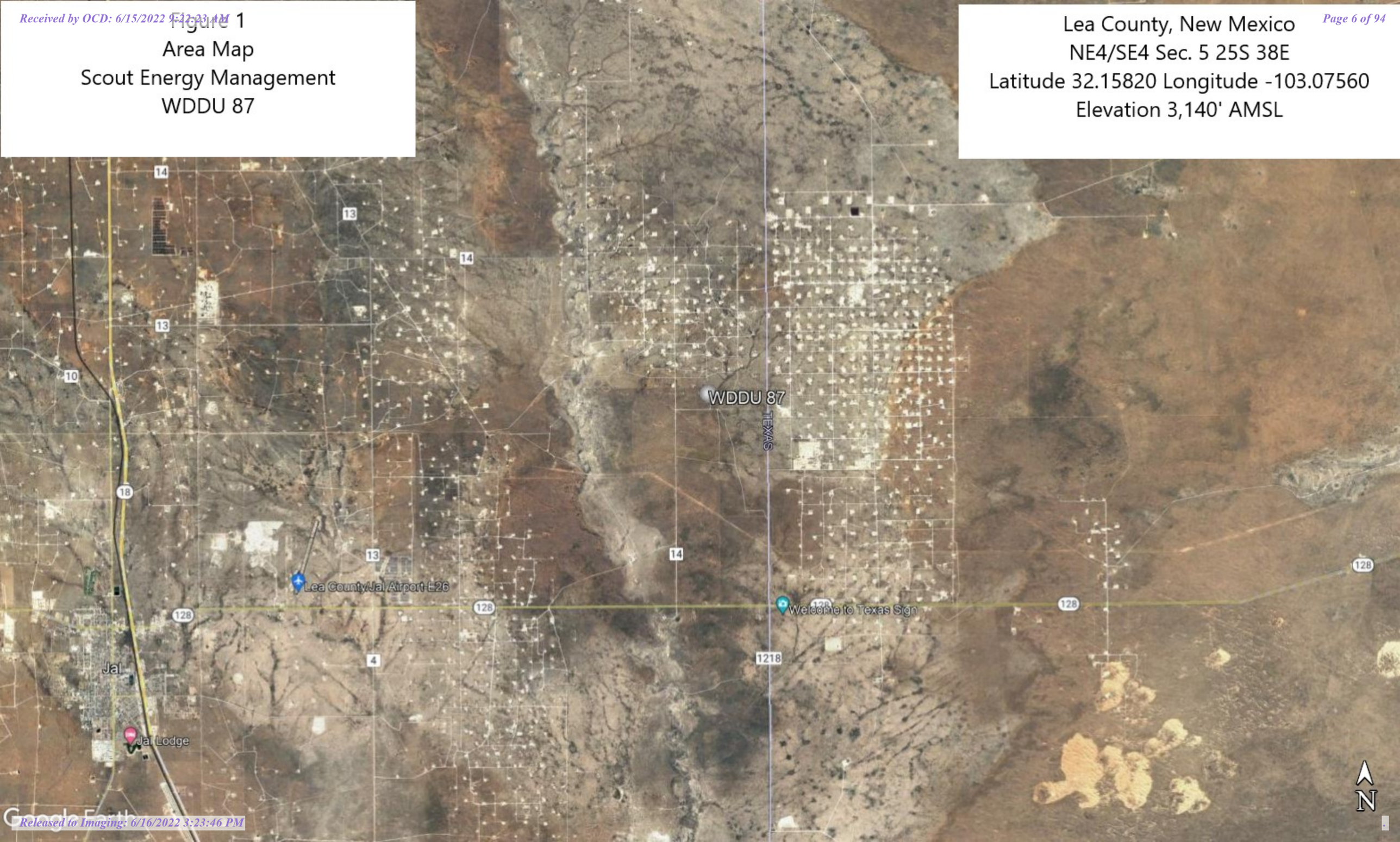

Figure 2
Sample/Site Map

Figure 3
Site/Sample Map
Scout Energy Management
WDDU 87

Lea County, New Mexico
NE4/SE4 Sec. 5 25S 38E
Latitude 32.15820 Longitude -103.07560
Elevation 3,140 AMSL

Figure 3
USGS Well Proximity Map

Figure 2

Groundwater Proximity Map

Scout Energy Management

WDDU 87

Lea County, New Mexico

NE4/SE4 Sec. 5 25S 38E

Latitude 32.15820 Lontgitude -103.07560

Elevation 3,140 AMSL

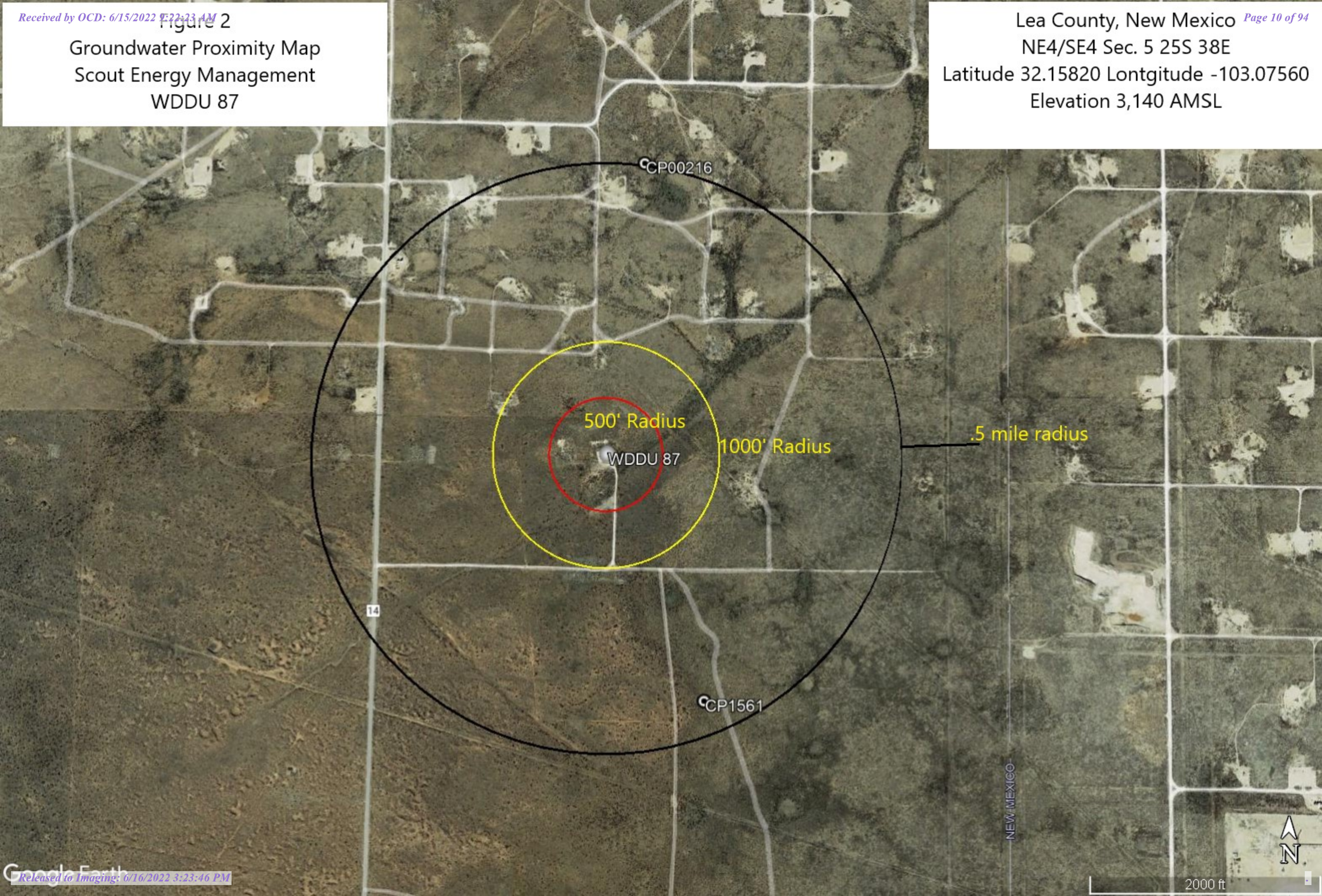

Table 1
Field and Analytical Summary

TABLE 2
Summary of Soil Sample Field Testing and Laboratory Analytical Results
Scout Energy
West Dollarhide Drinkard Unit #87

Lab Sample ID	Depth (feet)	Soil Status	Sample Date	Field Chloride (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	EXT DRO C28-C36 (mg/Kg)	Total TPH (mg/Kg)	Chloride (mg/Kg)
N-Side SP1	Surface	In-Situ	7-Mar-22		<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	--	--	--	--	--
	1'	In-Situ	10-Dec-21	240						--	--	--	--	--
	2'	In-Situ	10-Dec-21	280						--	--	--	--	--
	4'	In-Situ	07-Mar-22	200	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<50.0	<50.0	98	114
W Side SP2	Surface	Excavated	07-Mar-22		<0.00202	<0.00202	<0.00202	<0.00403	<0.00403					
	2'	Excavated	10-Dec-21	300						50	98	<50.0	97.8	845
	3'	Excavated	11-May-22							<50	<50	<50	<50	10
	4'	Excavated	11-May-22		<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<49.9	<49.9	<49.9	<49.9	23
S Side SP4	Surface	Excavated	07-Mar-22		<0.00202	<0.00202	<0.00202	<0.00404	<0.00404					
	2'	Excavated	10-Dec-21	600						--	--	--	--	--
	4'	Excavated	07-Mar-22	280	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<49.9	148	<49.9	148.0	197
	5'	Excavated	11-May-22		<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<50	<50	<50	<50	<5
	6'	Excavated	11-May-22		<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<49.9	<49.9	<49.9	<49.9	38
E Side SP5	Surface	In-Situ	07-Mar-22		<0.00201	<0.00201	<0.00201	<0.00402	<0.00402					
	2'	In-Situ	07-Mar-22	60	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	104
West NW Side SP3	Surface	In-Situ	07-Mar-22		<0.00200	<0.00200	<0.00200	<0.00400	<0.00400					
	2'	In-Situ	07-Mar-22	60	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	37
NMOCD Recommended Remedial Action Levels										**100**	**100**	**100**	**100**	**600**

- = Not Analyzed

MOCD Recommended Remedial Action Levels

ıdicates soil has been excavated

Attachment 1

NMOSE Average Depth to Water

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 Code	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
CP 00514 POD1		CP	LE	2	2	2	05	25S	38E	681508	3560414*	140	105	35
CP 00514 POD1	C	CP	LE	2	2	2	05	25S	38E	681508	3560414*	140	105	35

Average Depth to Water: **105 feet**

Minimum Depth: **105 feet**

Maximum Depth: **105 feet**

Record Count: 2

PLSS Search:

Section(s): 5 **Township:** 25S **Range:** 38E

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

New Mexico Office of the State Engineer
Water Right Summary

get image list

WR File Number: CP 00126 A **Subbasin:** CP **Cross Reference:** CP-00514
Primary Purpose: CLS CLOSED FILE
Primary Status: CLS CLOSED FILE
Total Acres: **Subfile:** - **Header:** -
Total Diversion: 0 **Cause/Case:** -
Owner: GULF OIL CORPORATION
Contact: SEE CP-00514

Documents on File

	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/ To	Acres	Diversion	Consumptive
get images	598108	CLOSE	1973-03-15	CLS	CLS	CP 00126 A	T	0	0	0
get images	597985	CLWPL	1966-04-22	PMT	PBU	CP 00126 A	T	0	23.5	

Priority Summary

Priority	Status	Acres	Diversion	Pod Number	Source
01/03/1966	CLS	0	0	CP 00514 POD1	Shallow

Place of Use

Q 256	Q 64	Q 16	Q 4	Sec	Tws	Rng	Acres	Diversion	CU	Use	Priority	Status	Other Location Desc
							0	0	0	CLS		CLS	NO PLACE OF USE GIVEN

Source

Acres	Diversion	CU	Use	Priority	Source	Description
0	0	0	CLS		GW	

New Mexico Office of the State Engineer
Water Right Summary

get image list

WR File Number: CP 00126 A **Subbasin:** CP **Cross Reference:** CP-00514
Primary Purpose: CLS CLOSED FILE
Primary Status: CLS CLOSED FILE
Total Acres: **Subfile:** - **Header:** -
Total Diversion: 0 **Cause/Case:** -
Owner: GULF OIL CORPORATION
Contact: SEE CP-00514

Documents on File

	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/ To	Acres	Diversion	Consumptive
get images	598108	CLOSE	1973-03-15	CLS	CLS	CP 00126 A	T	0	0	0
get images	597985	CLWPL	1966-04-22	PMT	PBU	CP 00126 A	T	0	23.5	

Priority Summary

Priority	Status	Acres	Diversion	Pod Number	Source
01/03/1966	CLS	0	0	CP 00514 POD1	Shallow

Place of Use

Q 256	Q 64	Q 16	Q 4	Sec	Tws	Rng	Acres	Diversion	CU	Use	Priority	Status	Other Location Desc
							0	0	0	CLS		CLS	NO PLACE OF USE GIVEN

Source

Acres	Diversion	CU	Use	Priority	Source	Description
0	0	0	CLS		GW	

Attachment 2
Laboratory Analytical Data

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-9245-1
Client Project/Site: West Dollarhide #87

For:
Scout Energy Partners
9830 SW 4400
Andrews, Texas 79714

Attn: Lee Ellison

Holly Taylor

Authorized for release by:
12/20/2021 5:56:49 PM

Holly Taylor, Project Manager
(806)794-1296
holly.taylor@eurofinset.com

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

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

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-12078-1
Client Project/Site: West Dollarhide #87

For:
Scout Energy Partners
9830 SW 4400
Andrews, Texas 79714

Attn: Lee Ellison

Holly Taylor

Authorized for release by:
3/14/2022 4:42:38 PM

Holly Taylor, Project Manager
(806)794-1296
holly.taylor@eurofinset.com

Client: Scout Energy Partners
Project/Site: West Dollarhide #87

Laboratory Job ID: 880-12078-1

Table of Contents

Definitions/Glossary

Client: Scout Energy Partners
Project/Site: West Dollarhide #87

Job ID: 880-12078-1

Qualifiers

GC VOA

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

Glossary

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

Case Narrative

Client: Scout Energy Partners
Project/Site: West Dollarhide #87

Job ID: 880-12078-1

Job ID: 880-12078-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-12078-1

Comments
No additional comments.

Receipt
The samples were received on 3/7/2022 10:55 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.7º C.

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-21133 and analytical batch 880-21405 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

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

Client Sample Results

Client: Scout Energy Partners
Job ID: 880-12078-1
Project/Site: West Dollarhide #87

Client Sample ID: 1. Surface N. Side
Lab Sample ID: 880-12078-1
Date Collected: 03/04/22 07:30
Matrix: Solid
Date Received: 03/07/22 00:00
Sample Depth: Surface

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U F1	0.00199		mg/Kg		03/10/22 11:44	03/13/22 16:17	1
Toluene	<0.00199	U F2 F1	0.00199		mg/Kg		03/10/22 11:44	03/13/22 16:17	1
Ethylbenzene	<0.00199	U F2 F1	0.00199		mg/Kg		03/10/22 11:44	03/13/22 16:17	1
o-Xylene	<0.00199	U F2 F1	0.00199		mg/Kg		03/10/22 11:44	03/13/22 16:17	1
m,p-Xylenes	<0.00398	U F2 F1	0.00398		mg/Kg		03/10/22 11:44	03/13/22 16:17	1
Xylenes, Total	<0.00398	U F2 F1	0.00398		mg/Kg		03/10/22 11:44	03/13/22 16:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*03/10/22 11:44*	*03/13/22 16:17*	*1*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*03/10/22 11:44*	*03/13/22 16:17*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/14/22 11:07	1

Client Sample ID: 4' Deep
Lab Sample ID: 880-12078-2
Date Collected: 03/04/22 07:40
Matrix: Solid
Date Received: 03/07/22 00:00
Sample Depth: 4'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/10/22 11:44	03/13/22 16:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/10/22 11:44	03/13/22 16:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/10/22 11:44	03/13/22 16:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/10/22 11:44	03/13/22 16:44	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		03/10/22 11:44	03/13/22 16:44	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/10/22 11:44	03/13/22 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*03/10/22 11:44*	*03/13/22 16:44*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*03/10/22 11:44*	*03/13/22 16:44*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/14/22 11:07	1

Client Sample ID: 2. Surface W. Side
Lab Sample ID: 880-12078-3
Date Collected: 03/04/22 07:50
Matrix: Solid
Date Received: 03/07/22 00:00
Sample Depth: Surface

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/10/22 11:44	03/13/22 17:11	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/10/22 11:44	03/13/22 17:11	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/10/22 11:44	03/13/22 17:11	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/10/22 11:44	03/13/22 17:11	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		03/10/22 11:44	03/13/22 17:11	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/10/22 11:44	03/13/22 17:11	1

Client Sample Results

Client: Scout Energy Partners
Project/Site: West Dollarhide #87

Job ID: 880-12078-1

Client Sample ID: 2. Surface W. Side
Lab Sample ID: 880-12078-3
Date Collected: 03/04/22 07:50
Matrix: Solid
Date Received: 03/07/22 00:00
Sample Depth: Surface

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*03/10/22 11:44*	*03/13/22 17:11*	*1*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*03/10/22 11:44*	*03/13/22 17:11*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			03/14/22 11:07	1

Client Sample ID: 4' Deep
Lab Sample ID: 880-12078-4
Date Collected: 03/04/22 08:00
Matrix: Solid
Date Received: 03/07/22 00:00
Sample Depth: 4'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/10/22 11:44	03/13/22 17:38	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/10/22 11:44	03/13/22 17:38	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/10/22 11:44	03/13/22 17:38	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/10/22 11:44	03/13/22 17:38	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		03/10/22 11:44	03/13/22 17:38	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/10/22 11:44	03/13/22 17:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*03/10/22 11:44*	*03/13/22 17:38*	*1*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*	*03/10/22 11:44*	*03/13/22 17:38*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			03/14/22 11:07	1

Client Sample ID: 3, Surface S. Side
Lab Sample ID: 880-12078-5
Date Collected: 03/04/22 08:05
Matrix: Solid
Date Received: 03/07/22 00:00
Sample Depth: Surface

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/10/22 11:44	03/13/22 18:04	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/10/22 11:44	03/13/22 18:04	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/10/22 11:44	03/13/22 18:04	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/10/22 11:44	03/13/22 18:04	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		03/10/22 11:44	03/13/22 18:04	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/10/22 11:44	03/13/22 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*03/10/22 11:44*	*03/13/22 18:04*	*1*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*	*03/10/22 11:44*	*03/13/22 18:04*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/14/22 11:07	1

Client Sample Results

Client: Scout Energy Partners
Project/Site: West Dollarhide #87

Job ID: 880-12078-1

Client Sample ID: 4' Deep

Lab Sample ID: 880-12078-6
Matrix: Solid
Date Collected: 03/04/22 08:15
Date Received: 03/07/22 00:00
Sample Depth: 4'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/10/22 11:44	03/13/22 18:31	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/10/22 11:44	03/13/22 18:31	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/10/22 11:44	03/13/22 18:31	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/10/22 11:44	03/13/22 18:31	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		03/10/22 11:44	03/13/22 18:31	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/10/22 11:44	03/13/22 18:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*124*		*70 - 130*	*03/10/22 11:44*	*03/13/22 18:31*	*1*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*03/10/22 11:44*	*03/13/22 18:31*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			03/14/22 11:07	1

Client Sample ID: 4. Surface E. Side

Lab Sample ID: 880-12078-7
Matrix: Solid
Date Collected: 03/04/22 08:20
Date Received: 03/07/22 00:00
Sample Depth: Surface

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/10/22 11:44	03/13/22 18:57	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/10/22 11:44	03/13/22 18:57	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/10/22 11:44	03/13/22 18:57	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/10/22 11:44	03/13/22 18:57	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		03/10/22 11:44	03/13/22 18:57	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/10/22 11:44	03/13/22 18:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*03/10/22 11:44*	*03/13/22 18:57*	*1*
4-Bromofluorobenzene (Surr)	*144*	*S1+*	*70 - 130*	*03/10/22 11:44*	*03/13/22 18:57*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/14/22 11:07	1

Client Sample ID: 2' Deep

Lab Sample ID: 880-12078-8
Matrix: Solid
Date Collected: 03/04/22 08:30
Date Received: 03/07/22 00:00
Sample Depth: 2'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/10/22 11:44	03/13/22 19:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/10/22 11:44	03/13/22 19:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/10/22 11:44	03/13/22 19:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/10/22 11:44	03/13/22 19:24	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		03/10/22 11:44	03/13/22 19:24	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/10/22 11:44	03/13/22 19:24	1

Client Sample Results

Client: Scout Energy Partners
Project/Site: West Dollarhide #87

Job ID: 880-12078-1

Client Sample ID: 2' Deep
Lab Sample ID: 880-12078-8
Date Collected: 03/04/22 08:30
Matrix: Solid
Date Received: 03/07/22 00:00
Sample Depth: 2'

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	109		70 - 130	03/10/22 11:44	03/13/22 19:24	1
4-Bromofluorobenzene (Surr)	102		70 - 130	03/10/22 11:44	03/13/22 19:24	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/14/22 11:07	1

Client Sample ID: 5. Surface N,W. Side
Lab Sample ID: 880-12078-9
Date Collected: 03/04/22 08:35
Matrix: Solid
Date Received: 03/07/22 00:00
Sample Depth: Surface

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/10/22 11:44	03/13/22 19:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/10/22 11:44	03/13/22 19:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/10/22 11:44	03/13/22 19:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/10/22 11:44	03/13/22 19:51	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		03/10/22 11:44	03/13/22 19:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/10/22 11:44	03/13/22 19:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	68	S1-	70 - 130	03/10/22 11:44	03/13/22 19:51	1
4-Bromofluorobenzene (Surr)	121		70 - 130	03/10/22 11:44	03/13/22 19:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			03/14/22 11:07	1

Client Sample ID: 2' Deep
Lab Sample ID: 880-12078-10
Date Collected: 03/04/22 08:45
Matrix: Solid
Date Received: 03/07/22 00:00
Sample Depth: 2'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/10/22 11:44	03/13/22 20:18	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/10/22 11:44	03/13/22 20:18	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/10/22 11:44	03/13/22 20:18	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/10/22 11:44	03/13/22 20:18	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		03/10/22 11:44	03/13/22 20:18	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/10/22 11:44	03/13/22 20:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	116		70 - 130	03/10/22 11:44	03/13/22 20:18	1
4-Bromofluorobenzene (Surr)	96		70 - 130	03/10/22 11:44	03/13/22 20:18	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/14/22 11:07	1

Surrogate Summary

Client: Scout Energy Partners
Project/Site: West Dollarhide #87

Job ID: 880-12078-1

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		DFBZ1	BFB1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-12078-1	1. Surface N. Side	102	96
880-12078-1 MS	1. Surface N. Side	106	109
880-12078-1 MSD	1. Surface N. Side	360554 S1+	193371 S1+
880-12078-2	4' Deep	105	97
880-12078-3	2. Surface W. Side	106	88
880-12078-4	4' Deep	100	80
880-12078-5	3, Surface S. Side	110	83
880-12078-6	4' Deep	124	115
880-12078-7	4. Surface E. Side	71	144 S1+
880-12078-8	2' Deep	109	102
880-12078-9	5. Surface N,W. Side	68 S1-	121
880-12078-10	2' Deep	116	96
LCS 880-21011/1-A	Lab Control Sample	123	90
LCS 880-21133/1-A	Lab Control Sample	115	94
LCSD 880-21011/2-A	Lab Control Sample Dup	113	93
LCSD 880-21133/2-A	Lab Control Sample Dup	132 S1+	102
MB 880-21011/5-A	Method Blank	110	56 S1-
MB 880-21133/5-A	Method Blank	111	58 S1-

Surrogate Legend

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

QC Sample Results

Client: Scout Energy Partners
Project/Site: West Dollarhide #87

Job ID: 880-12078-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-21011/5-A
Matrix: Solid
Analysis Batch: 21405

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 21011

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/10/22 09:50	03/12/22 19:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/10/22 09:50	03/12/22 19:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/10/22 09:50	03/12/22 19:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/10/22 09:50	03/12/22 19:04	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		03/10/22 09:50	03/12/22 19:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/10/22 09:50	03/12/22 19:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*03/10/22 09:50*	*03/12/22 19:04*	*1*
4-Bromofluorobenzene (Surr)	*56*	*S1-*	*70 - 130*	*03/10/22 09:50*	*03/12/22 19:04*	*1*

Lab Sample ID: LCS 880-21011/1-A
Matrix: Solid
Analysis Batch: 21405

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 21011

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.100	0.1207		mg/Kg		121	70 - 130		
Toluene			0.100	0.1094		mg/Kg		109	70 - 130		
Ethylbenzene			0.100	0.1197		mg/Kg		120	70 - 130		
o-Xylene			0.100	0.1161		mg/Kg		116	70 - 130		
m,p-Xylenes			0.200	0.2441		mg/Kg		122	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Difluorobenzene (Surr)	*123*		*70 - 130*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*

Lab Sample ID: LCSD 880-21011/2-A
Matrix: Solid
Analysis Batch: 21405

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 21011

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.1168		mg/Kg		117	70 - 130	3	35
Toluene			0.100	0.1066		mg/Kg		107	70 - 130	3	35
Ethylbenzene			0.100	0.1141		mg/Kg		114	70 - 130	5	35
o-Xylene			0.100	0.1152		mg/Kg		115	70 - 130	1	35
m,p-Xylenes			0.200	0.2353		mg/Kg		118	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: MB 880-21133/5-A
Matrix: Solid
Analysis Batch: 21405

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 21133

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/10/22 11:44	03/13/22 15:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/10/22 11:44	03/13/22 15:50	1

QC Sample Results

Client: Scout Energy Partners
Project/Site: West Dollarhide #87

Job ID: 880-12078-1

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

Lab Sample ID: MB 880-21133/5-A
Matrix: Solid
Analysis Batch: 21405

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 21133

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/10/22 11:44	03/13/22 15:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/10/22 11:44	03/13/22 15:50	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		03/10/22 11:44	03/13/22 15:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/10/22 11:44	03/13/22 15:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*03/10/22 11:44*	*03/13/22 15:50*	*1*
4-Bromofluorobenzene (Surr)	*58*	*S1-*	*70 - 130*	*03/10/22 11:44*	*03/13/22 15:50*	*1*

Lab Sample ID: LCS 880-21133/1-A
Matrix: Solid
Analysis Batch: 21405

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 21133

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.100	0.1130		mg/Kg		113	70 - 130		
Toluene			0.100	0.1030		mg/Kg		103	70 - 130		
Ethylbenzene			0.100	0.1078		mg/Kg		108	70 - 130		
o-Xylene			0.100	0.1065		mg/Kg		107	70 - 130		
m,p-Xylenes			0.200	0.2202		mg/Kg		110	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: LCSD 880-21133/2-A
Matrix: Solid
Analysis Batch: 21405

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 21133

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.1211		mg/Kg		121	70 - 130	7	35
Toluene			0.100	0.09838		mg/Kg		98	70 - 130	5	35
Ethylbenzene			0.100	0.09674		mg/Kg		97	70 - 130	11	35
o-Xylene			0.100	0.1063		mg/Kg		106	70 - 130	0	35
m,p-Xylenes			0.200	0.1877		mg/Kg		94	70 - 130	16	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,4-Difluorobenzene (Surr)	*132*	*S1+*	*70 - 130*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 880-12078-1 MS
Matrix: Solid
Analysis Batch: 21405

Client Sample ID: 1. Surface N. Side
Prep Type: Total/NA
Prep Batch: 21133

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	<0.00199	U F1	0.101	0.05482	F1	mg/Kg		54	70 - 130		
Toluene	<0.00199	U F2 F1	0.101	0.04624	F1	mg/Kg		46	70 - 130		
Ethylbenzene	<0.00199	U F2 F1	0.101	0.04008	F1	mg/Kg		40	70 - 130		
o-Xylene	<0.00199	U F2 F1	0.101	0.05315	F1	mg/Kg		52	70 - 130		

QC Sample Results

Client: Scout Energy Partners
Project/Site: West Dollarhide #87

Job ID: 880-12078-1

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

Lab Sample ID: 880-12078-1 MS
Matrix: Solid
Analysis Batch: 21405

Client Sample ID: 1. Surface N. Side
Prep Type: Total/NA
Prep Batch: 21133

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
m,p-Xylenes	<0.00398	U F2 F1	0.202	0.06268	F1	mg/Kg		31	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*

Lab Sample ID: 880-12078-1 MSD
Matrix: Solid
Analysis Batch: 21405

Client Sample ID: 1. Surface N. Side
Prep Type: Total/NA
Prep Batch: 21133

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U F1	0.100	0.04908	F1	mg/Kg		49	70 - 130	11	35
Toluene	<0.00199	U F2 F1	0.100	0.006206	F2 F1	mg/Kg		6	70 - 130	153	35
o-Xylene	<0.00199	U F2 F1	0.100	0.005265	F2 F1	mg/Kg		5	70 - 130	164	35
m,p-Xylenes	<0.00398	U F2 F1	0.200	0.2287	F2	mg/Kg		114	70 - 130	114	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,4-Difluorobenzene (Surr)	*360554*	*S1+*	*70 - 130*
4-Bromofluorobenzene (Surr)	*193371*	*S1+*	*70 - 130*

QC Association Summary

Client: Scout Energy Partners
Project/Site: West Dollarhide #87

Job ID: 880-12078-1

GC VOA

Prep Batch: 21011

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-21011/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-21011/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-21011/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 21133

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12078-1	1. Surface N. Side	Total/NA	Solid	5035	
880-12078-2	4' Deep	Total/NA	Solid	5035	
880-12078-3	2. Surface W. Side	Total/NA	Solid	5035	
880-12078-4	4' Deep	Total/NA	Solid	5035	
880-12078-5	3, Surface S. Side	Total/NA	Solid	5035	
880-12078-6	4' Deep	Total/NA	Solid	5035	
880-12078-7	4. Surface E. Side	Total/NA	Solid	5035	
880-12078-8	2' Deep	Total/NA	Solid	5035	
880-12078-9	5. Surface N,W. Side	Total/NA	Solid	5035	
880-12078-10	2' Deep	Total/NA	Solid	5035	
MB 880-21133/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-21133/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-21133/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-12078-1 MS	1. Surface N. Side	Total/NA	Solid	5035	
880-12078-1 MSD	1. Surface N. Side	Total/NA	Solid	5035	

Analysis Batch: 21405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12078-1	1. Surface N. Side	Total/NA	Solid	8021B	21133
880-12078-2	4' Deep	Total/NA	Solid	8021B	21133
880-12078-3	2. Surface W. Side	Total/NA	Solid	8021B	21133
880-12078-4	4' Deep	Total/NA	Solid	8021B	21133
880-12078-5	3, Surface S. Side	Total/NA	Solid	8021B	21133
880-12078-6	4' Deep	Total/NA	Solid	8021B	21133
880-12078-7	4. Surface E. Side	Total/NA	Solid	8021B	21133
880-12078-8	2' Deep	Total/NA	Solid	8021B	21133
880-12078-9	5. Surface N,W. Side	Total/NA	Solid	8021B	21133
880-12078-10	2' Deep	Total/NA	Solid	8021B	21133
MB 880-21011/5-A	Method Blank	Total/NA	Solid	8021B	21011
MB 880-21133/5-A	Method Blank	Total/NA	Solid	8021B	21133
LCS 880-21011/1-A	Lab Control Sample	Total/NA	Solid	8021B	21011
LCS 880-21133/1-A	Lab Control Sample	Total/NA	Solid	8021B	21133
LCSD 880-21011/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	21011
LCSD 880-21133/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	21133
880-12078-1 MS	1. Surface N. Side	Total/NA	Solid	8021B	21133
880-12078-1 MSD	1. Surface N. Side	Total/NA	Solid	8021B	21133

Analysis Batch: 21521

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12078-1	1. Surface N. Side	Total/NA	Solid	Total BTEX	
880-12078-2	4' Deep	Total/NA	Solid	Total BTEX	
880-12078-3	2. Surface W. Side	Total/NA	Solid	Total BTEX	
880-12078-4	4' Deep	Total/NA	Solid	Total BTEX	
880-12078-5	3, Surface S. Side	Total/NA	Solid	Total BTEX	
880-12078-6	4' Deep	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Scout Energy Partners
Project/Site: West Dollarhide #87

Job ID: 880-12078-1

GC VOA (Continued)

Analysis Batch: 21521 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12078-7	4. Surface E. Side	Total/NA	Solid	Total BTEX	
880-12078-8	2' Deep	Total/NA	Solid	Total BTEX	
880-12078-9	5. Surface N,W. Side	Total/NA	Solid	Total BTEX	
880-12078-10	2' Deep	Total/NA	Solid	Total BTEX	

Lab Chronicle

Client: Scout Energy Partners
Project/Site: West Dollarhide #87

Job ID: 880-12078-1

Client Sample ID: 1. Surface N. Side
Lab Sample ID: 880-12078-1
Date Collected: 03/04/22 07:30
Matrix: Solid
Date Received: 03/07/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	21133	03/10/22 11:44	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21405	03/13/22 16:17	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			21521	03/14/22 11:07	MR	XEN MID

Client Sample ID: 4' Deep
Lab Sample ID: 880-12078-2
Date Collected: 03/04/22 07:40
Matrix: Solid
Date Received: 03/07/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	21133	03/10/22 11:44	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21405	03/13/22 16:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			21521	03/14/22 11:07	MR	XEN MID

Client Sample ID: 2. Surface W. Side
Lab Sample ID: 880-12078-3
Date Collected: 03/04/22 07:50
Matrix: Solid
Date Received: 03/07/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	21133	03/10/22 11:44	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21405	03/13/22 17:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			21521	03/14/22 11:07	MR	XEN MID

Client Sample ID: 4' Deep
Lab Sample ID: 880-12078-4
Date Collected: 03/04/22 08:00
Matrix: Solid
Date Received: 03/07/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	21133	03/10/22 11:44	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21405	03/13/22 17:38	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			21521	03/14/22 11:07	MR	XEN MID

Client Sample ID: 3, Surface S. Side
Lab Sample ID: 880-12078-5
Date Collected: 03/04/22 08:05
Matrix: Solid
Date Received: 03/07/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	21133	03/10/22 11:44	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21405	03/13/22 18:04	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			21521	03/14/22 11:07	MR	XEN MID

Lab Chronicle

Client: Scout Energy Partners
Project/Site: West Dollarhide #87

Job ID: 880-12078-1

Client Sample ID: 4' Deep
Date Collected: 03/04/22 08:15
Date Received: 03/07/22 00:00

Lab Sample ID: 880-12078-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	21133	03/10/22 11:44	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21405	03/13/22 18:31	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			21521	03/14/22 11:07	MR	XEN MID

Client Sample ID: 4. Surface E. Side
Date Collected: 03/04/22 08:20
Date Received: 03/07/22 00:00

Lab Sample ID: 880-12078-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	21133	03/10/22 11:44	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21405	03/13/22 18:57	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			21521	03/14/22 11:07	MR	XEN MID

Client Sample ID: 2' Deep
Date Collected: 03/04/22 08:30
Date Received: 03/07/22 00:00

Lab Sample ID: 880-12078-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	21133	03/10/22 11:44	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21405	03/13/22 19:24	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			21521	03/14/22 11:07	MR	XEN MID

Client Sample ID: 5. Surface N,W. Side
Date Collected: 03/04/22 08:35
Date Received: 03/07/22 00:00

Lab Sample ID: 880-12078-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	21133	03/10/22 11:44	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21405	03/13/22 19:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			21521	03/14/22 11:07	MR	XEN MID

Client Sample ID: 2' Deep
Date Collected: 03/04/22 08:45
Date Received: 03/07/22 00:00

Lab Sample ID: 880-12078-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	21133	03/10/22 11:44	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21405	03/13/22 20:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			21521	03/14/22 11:07	MR	XEN MID

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

Accreditation/Certification Summary

Client: Scout Energy Partners
Project/Site: West Dollarhide #87

Job ID: 880-12078-1

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

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

Analysis Method	Prep Method	Matrix	Analyte
Total BTEX		Solid	Total BTEX

Method Summary

Client: Scout Energy Partners
Project/Site: West Dollarhide #87

Job ID: 880-12078-1

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Scout Energy Partners
Project/Site: West Dollarhide #87

Job ID: 880-12078-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-12078-1	1. Surface N. Side	Solid	03/04/22 07:30	03/07/22 00:00	Surface
880-12078-2	4' Deep	Solid	03/04/22 07:40	03/07/22 00:00	4'
880-12078-3	2. Surface W. Side	Solid	03/04/22 07:50	03/07/22 00:00	Surface
880-12078-4	4' Deep	Solid	03/04/22 08:00	03/07/22 00:00	4'
880-12078-5	3, Surface S. Side	Solid	03/04/22 08:05	03/07/22 00:00	Surface
880-12078-6	4' Deep	Solid	03/04/22 08:15	03/07/22 00:00	4'
880-12078-7	4. Surface E. Side	Solid	03/04/22 08:20	03/07/22 00:00	Surface
880-12078-8	2' Deep	Solid	03/04/22 08:30	03/07/22 00:00	2'
880-12078-9	5. Surface N,W. Side	Solid	03/04/22 08:35	03/07/22 00:00	Surface
880-12078-10	2' Deep	Solid	03/04/22 08:45	03/07/22 00:00	2'

Chain of Custody

XENCO

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300, San Antonio, TX (210) 509-3334
Midland, TX (432) 704-5440, EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199, Phoenix, AZ (480) 355-0900
Tampa, FL (813) 620-2000, Tallahassee, FL (850) 558-0747, Delray Beach, FL (561) 689-6701
Atlanta, GA (770) 449-8800

Work Order No: 12078

Page ____ of ____

Project Manager:	Lee Ellison	Bill to: (if different)	
Company Name:	Scout Energy	Company Name:	
Address:	9830 S.w 4400	Address:	
City, State ZIP:	Andrews Tx 79714	City, State ZIP:	
Phone:	806-891-0020	Email:	L.Ellison scoutep.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	West Dollar Hyde #87	Turn Around	
Project Number:		☐ Routine ☐ Rush	
Project Location		Due Date:	
Sampler's Name:		TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	IR8
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-.1
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	1.8
Total Containers:		Corrected Temperature:	1.7

ANALYSIS REQUEST

Preservative Codes

None: NO | DI Water: H_2O
Cool: Cool | MeOH: Me
HCL: HC | HNO_3: HN
H_2SO_4: H_2 | NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: B-Tex, Benzene	Sample Comments
1. Surface N. side		3-4-22	7:30	S.F					
4' Deep		3-4-22	7:40	4'					
2. Surface W. side		3-4-22	7:50	SF					
4' Deep		3-4-22	8:00	4'					
3. Surface S. side		3-4-22	8:05	S.F					
4' Deep ~~E side~~		3-4-22	8:15	4'					
4. Surface E. side		3-4-22	8:20	SF					
2' Deep		3-4-22	8:30	2'					
5. Surface N.W side		3-4-22	8:35	SF					
2' Deep		3-4-22	8:45	2'					

880-12078 Chain of Custody

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Sebastian Romero		3-4-22 2:20	2		3/7/22
3			4		10:55
5			6		

Revised Date 05012020 Rev 2020.1

Login Sample Receipt Checklist

Client: Scout Energy Partners Job Number: 880-12078-1

Login Number: 12078 **List Source: Eurofins Midland**
List Number: 1
Creator: Teel, Brianna

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Client: Scout Energy Partners
Project/Site: West Dollarhide #87

Laboratory Job ID: 880-9245-1

Table of Contents

Definitions/Glossary

Client: Scout Energy Partners
Project/Site: West Dollarhide #87

Job ID: 880-9245-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Scout Energy Partners
Project/Site: West Dollarhide #87

Job ID: 880-9245-1

Job ID: 880-9245-1

Laboratory: Eurofins Xenco, Midland

Narrative

Job Narrative
880-9245-1

Receipt
The samples were received on 12/13/2021 9:49 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.6°C

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

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

Client Sample Results

Client: Scout Energy Partners
Project/Site: West Dollarhide #87

Job ID: 880-9245-1

Client Sample ID: 1. N. Side
Lab Sample ID: 880-9245-1
Date Collected: 12/10/21 10:15
Matrix: Solid
Date Received: 12/13/21 09:49
Sample Depth: 4'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/17/21 09:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/13/21 11:25	12/13/21 17:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/13/21 11:25	12/13/21 17:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/13/21 11:25	12/13/21 17:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*12/13/21 11:25*	*12/13/21 17:20*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*12/13/21 11:25*	*12/13/21 17:20*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**114**		4.97		mg/Kg			12/17/21 03:29	1

Client Sample ID: 2.W. Side
Lab Sample ID: 880-9245-2
Date Collected: 12/10/21 10:30
Matrix: Solid
Date Received: 12/13/21 09:49
Sample Depth: 2'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**97.8**		50.0		mg/Kg			12/17/21 09:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/13/21 11:25	12/13/21 17:40	1
Diesel Range Organics (Over C10-C28)	**97.8**		50.0		mg/Kg		12/13/21 11:25	12/13/21 17:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/13/21 11:25	12/13/21 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*12/13/21 11:25*	*12/13/21 17:40*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*12/13/21 11:25*	*12/13/21 17:40*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**845**		4.98		mg/Kg			12/17/21 03:40	1

Client Sample ID: 3.S. Side
Lab Sample ID: 880-9245-3
Date Collected: 12/10/21 11:00
Matrix: Solid
Date Received: 12/13/21 09:49
Sample Depth: 4'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**148**		49.9		mg/Kg			12/17/21 09:16	1

Client Sample Results

Client: Scout Energy Partners
Project/Site: West Dollarhide #87

Job ID: 880-9245-1

Client Sample ID: 3.S. Side
Lab Sample ID: 880-9245-3
Matrix: Solid
Date Collected: 12/10/21 11:00
Date Received: 12/13/21 09:49
Sample Depth: 4'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/13/21 11:25	12/13/21 18:01	1
Diesel Range Organics (Over C10-C28)	**148**		49.9		mg/Kg		12/13/21 11:25	12/13/21 18:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/13/21 11:25	12/13/21 18:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*12/13/21 11:25*	*12/13/21 18:01*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*12/13/21 11:25*	*12/13/21 18:01*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**197**		4.95		mg/Kg			12/17/21 03:51	1

Client Sample ID: 4.E. Side
Lab Sample ID: 880-9245-4
Matrix: Solid
Date Collected: 12/10/21 11:20
Date Received: 12/13/21 09:49
Sample Depth: 2'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/17/21 09:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/13/21 11:21	12/13/21 18:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/13/21 11:21	12/13/21 18:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/13/21 11:21	12/13/21 18:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*12/13/21 11:21*	*12/13/21 18:02*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*12/13/21 11:21*	*12/13/21 18:02*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**104**		5.00		mg/Kg			12/17/21 04:24	1

Client Sample ID: 5.E.N.E
Lab Sample ID: 880-9245-5
Matrix: Solid
Date Collected: 12/10/21 12:05
Date Received: 12/13/21 09:49
Sample Depth: 2'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/17/21 09:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/13/21 11:21	12/13/21 18:23	1

Client Sample Results

Client: Scout Energy Partners
Project/Site: West Dollarhide #87

Job ID: 880-9245-1

Client Sample ID: 5.E.N.E

Date Collected: 12/10/21 12:05
Date Received: 12/13/21 09:49
Sample Depth: 2'

Lab Sample ID: 880-9245-5

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/13/21 11:21	12/13/21 18:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/13/21 11:21	12/13/21 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*12/13/21 11:21*	*12/13/21 18:23*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*12/13/21 11:21*	*12/13/21 18:23*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**37.0**		5.00		mg/Kg			12/17/21 13:36	1

Surrogate Summary

Client: Scout Energy Partners
Project/Site: West Dollarhide #87

Job ID: 880-9245-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)										
880-9245-1	1. N. Side	89	90										
880-9245-2	2.W. Side	105	107										
880-9245-3	3.S. Side	88	88										
880-9245-4	4.E. Side	78	97										
880-9245-5	5.E.N.E	81	101										
890-1695-A-1-F MS	Matrix Spike	84	83										
890-1695-A-1-G MSD	Matrix Spike Duplicate	88	88										
LCS 880-14599/2-A	Lab Control Sample	89	97										
LCSD 880-14599/3-A	Lab Control Sample Dup	118	118										
MB 880-14599/1-A	Method Blank	94	119										

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Scout Energy Partners
Project/Site: West Dollarhide #87

Job ID: 880-9245-1

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

Lab Sample ID: MB 880-14599/1-A
Matrix: Solid
Analysis Batch: 14594

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 14599

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/13/21 08:26	12/13/21 09:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/13/21 08:26	12/13/21 09:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/13/21 08:26	12/13/21 09:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*12/13/21 08:26*	*12/13/21 09:22*	*1*
o-Terphenyl (Surr)	*119*		*70 - 130*	*12/13/21 08:26*	*12/13/21 09:22*	*1*

Lab Sample ID: LCS 880-14599/2-A
Matrix: Solid
Analysis Batch: 14594

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 14599

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	804.6		mg/Kg		80	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	856.7		mg/Kg		86	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*89*		*70 - 130*
o-Terphenyl (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 880-14599/3-A
Matrix: Solid
Analysis Batch: 14594

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 14599

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	951.7		mg/Kg		95	70 - 130	17	20
Diesel Range Organics (Over C10-C28)			1000	1000		mg/Kg		100	70 - 130	15	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*118*		*70 - 130*
o-Terphenyl (Surr)	*118*		*70 - 130*

Lab Sample ID: 890-1695-A-1-F MS
Matrix: Solid
Analysis Batch: 14594

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 14599

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	1257		mg/Kg		124	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U F1	997	1250		mg/Kg		125	70 - 130		

QC Sample Results

Client: Scout Energy Partners
Project/Site: West Dollarhide #87

Job ID: 880-9245-1

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

Lab Sample ID: 890-1695-A-1-F MS
Matrix: Solid
Analysis Batch: 14594

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 14599

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	84		70 - 130
o-Terphenyl (Surr)	83		70 - 130

Lab Sample ID: 890-1695-A-1-G MSD
Matrix: Solid
Analysis Batch: 14594

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 14599

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1307		mg/Kg		128	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	1343	F1	mg/Kg		134	70 - 130	7	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	88		70 - 130
o-Terphenyl (Surr)	88		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-14611/1-A
Matrix: Solid
Analysis Batch: 14979

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			12/17/21 02:13	1

Lab Sample ID: LCS 880-14611/2-A
Matrix: Solid
Analysis Batch: 14979

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	240.0		mg/Kg		96	90 - 110		

Lab Sample ID: LCSD 880-14611/3-A
Matrix: Solid
Analysis Batch: 14979

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			250	256.4		mg/Kg		103	90 - 110	7	20

Lab Sample ID: 880-8823-A-2-D MS
Matrix: Solid
Analysis Batch: 14979

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	461	F1	248	742.8	F1	mg/Kg		114	90 - 110		

QC Sample Results

Client: Scout Energy Partners
Project/Site: West Dollarhide #87

Job ID: 880-9245-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-8823-A-2-E MSD
Matrix: Solid
Analysis Batch: 14979

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	461	F1	248	693.2		mg/Kg		94	90 - 110	7	20

QC Association Summary

Client: Scout Energy Partners
Project/Site: West Dollarhide #87

Job ID: 880-9245-1

GC Semi VOA

Analysis Batch: 14594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9245-4	4.E. Side	Total/NA	Solid	8015B NM	14599
880-9245-5	5.E.N.E	Total/NA	Solid	8015B NM	14599
MB 880-14599/1-A	Method Blank	Total/NA	Solid	8015B NM	14599
LCS 880-14599/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	14599
LCSD 880-14599/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	14599
890-1695-A-1-F MS	Matrix Spike	Total/NA	Solid	8015B NM	14599
890-1695-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	14599

Analysis Batch: 14597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9245-1	1. N. Side	Total/NA	Solid	8015B NM	14600
880-9245-2	2.W. Side	Total/NA	Solid	8015B NM	14600
880-9245-3	3.S. Side	Total/NA	Solid	8015B NM	14600

Prep Batch: 14599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9245-4	4.E. Side	Total/NA	Solid	8015NM Prep	
880-9245-5	5.E.N.E	Total/NA	Solid	8015NM Prep	
MB 880-14599/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-14599/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-14599/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1695-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1695-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 14600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9245-1	1. N. Side	Total/NA	Solid	8015NM Prep	
880-9245-2	2.W. Side	Total/NA	Solid	8015NM Prep	
880-9245-3	3.S. Side	Total/NA	Solid	8015NM Prep	

Analysis Batch: 15045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9245-1	1. N. Side	Total/NA	Solid	8015 NM	
880-9245-2	2.W. Side	Total/NA	Solid	8015 NM	
880-9245-3	3.S. Side	Total/NA	Solid	8015 NM	
880-9245-4	4.E. Side	Total/NA	Solid	8015 NM	
880-9245-5	5.E.N.E	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 14611

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9245-1	1. N. Side	Soluble	Solid	DI Leach	
880-9245-2	2.W. Side	Soluble	Solid	DI Leach	
880-9245-3	3.S. Side	Soluble	Solid	DI Leach	
880-9245-4	4.E. Side	Soluble	Solid	DI Leach	
880-9245-5	5.E.N.E	Soluble	Solid	DI Leach	
MB 880-14611/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-14611/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-14611/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-8823-A-2-D MS	Matrix Spike	Soluble	Solid	DI Leach	

QC Association Summary

Client: Scout Energy Partners
Project/Site: West Dollarhide #87

Job ID: 880-9245-1

HPLC/IC (Continued)

Leach Batch: 14611 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8823-A-2-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 14979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9245-1	1. N. Side	Soluble	Solid	300.0	14611
880-9245-2	2.W. Side	Soluble	Solid	300.0	14611
880-9245-3	3.S. Side	Soluble	Solid	300.0	14611
880-9245-4	4.E. Side	Soluble	Solid	300.0	14611
880-9245-5	5.E.N.E	Soluble	Solid	300.0	14611
MB 880-14611/1-A	Method Blank	Soluble	Solid	300.0	14611
LCS 880-14611/2-A	Lab Control Sample	Soluble	Solid	300.0	14611
LCSD 880-14611/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	14611
880-8823-A-2-D MS	Matrix Spike	Soluble	Solid	300.0	14611
880-8823-A-2-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	14611

Lab Chronicle

Client: Scout Energy Partners
Project/Site: West Dollarhide #87

Job ID: 880-9245-1

Client Sample ID: 1. N. Side
Date Collected: 12/10/21 10:15
Date Received: 12/13/21 09:49

Lab Sample ID: 880-9245-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			15045	12/17/21 09:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	14600	12/13/21 11:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			14597	12/13/21 17:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	14611	12/13/21 09:23	CH	XEN MID
Soluble	Analysis	300.0		1			14979	12/17/21 03:29	SC	XEN MID

Client Sample ID: 2.W. Side
Date Collected: 12/10/21 10:30
Date Received: 12/13/21 09:49

Lab Sample ID: 880-9245-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			15045	12/17/21 09:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	14600	12/13/21 11:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			14597	12/13/21 17:40	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	14611	12/13/21 09:23	CH	XEN MID
Soluble	Analysis	300.0		1			14979	12/17/21 03:40	SC	XEN MID

Client Sample ID: 3.S. Side
Date Collected: 12/10/21 11:00
Date Received: 12/13/21 09:49

Lab Sample ID: 880-9245-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			15045	12/17/21 09:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	14600	12/13/21 11:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			14597	12/13/21 18:01	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	14611	12/13/21 09:23	CH	XEN MID
Soluble	Analysis	300.0		1			14979	12/17/21 03:51	SC	XEN MID

Client Sample ID: 4.E. Side
Date Collected: 12/10/21 11:20
Date Received: 12/13/21 09:49

Lab Sample ID: 880-9245-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			15045	12/17/21 09:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	14599	12/13/21 11:21	DM	XEN MID
Total/NA	Analysis	8015B NM		1			14594	12/13/21 18:02	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	14611	12/13/21 09:23	CH	XEN MID
Soluble	Analysis	300.0		1			14979	12/17/21 04:24	SC	XEN MID

Client Sample ID: 5.E.N.E
Date Collected: 12/10/21 12:05
Date Received: 12/13/21 09:49

Lab Sample ID: 880-9245-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			15045	12/17/21 09:16	AJ	XEN MID

Lab Chronicle

Client: Scout Energy Partners
Project/Site: West Dollarhide #87

Job ID: 880-9245-1

Client Sample ID: 5.E.N.E
Date Collected: 12/10/21 12:05
Date Received: 12/13/21 09:49

Lab Sample ID: 880-9245-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	14599	12/13/21 11:21	DM	XEN MID
Total/NA	Analysis	8015B NM		1			14594	12/13/21 18:23	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	14611	12/13/21 09:23	CH	XEN MID
Soluble	Analysis	300.0		1			14979	12/17/21 13:36	SC	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Scout Energy Partners
Project/Site: West Dollarhide #87

Job ID: 880-9245-1

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH

Method Summary

Client: Scout Energy Partners
Project/Site: West Dollarhide #87

Job ID: 880-9245-1

Method	Method Description	Protocol	Laboratory
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Sample Summary

Client: Scout Energy Partners
Project/Site: West Dollarhide #87

Job ID: 880-9245-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-9245-1	1. N. Side	Solid	12/10/21 10:15	12/13/21 09:49	4'
880-9245-2	2.W. Side	Solid	12/10/21 10:30	12/13/21 09:49	2'
880-9245-3	3.S. Side	Solid	12/10/21 11:00	12/13/21 09:49	4'
880-9245-4	4.E. Side	Solid	12/10/21 11:20	12/13/21 09:49	2'
880-9245-5	5.E.N.E	Solid	12/10/21 12:05	12/13/21 09:49	2'

Chain of Custody

XENCO LABORATORIES

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300, San Antonio, TX (210) 509-3334
Midland, TX (432) 704-5440, EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199, Phoenix, AZ (480) 355-0900
Tampa, FL (813) 620-2000, Tallahassee, FL (850) 756-0747, Delray Beach, FL (561) 689-6701
Atlanta, GA (770) 449-8800

880-9245 Chain of Custody

www.xenco.com Page ____ of ____

Project Manager:	Lee Ellison	Bill to: (if different)	
Company Name:	Scout Energy	Company Name:	
Address:	9830 S.W 4400	Address:	
City, State ZIP:	Andrews TX 79714	City, State ZIP:	
Phone:	806-891-0020	Email:	Lellison@scoutep.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	West Dollar Hide #87	Turn Around	
Project Number:		☐ Routine	☐ Rush
Project Location		Due Date:	
Sampler's Name:		TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No		Thermometer ID:	
Cooler Custody Seals:	Yes No N/A		Correction Factor:	
Sample Custody Seals:	Yes No N/A		Temperature Reading:	
Total Containers:			Corrected Temperature:	

ANALYSIS REQUEST (Pres. Code / Parameters)

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	TPH	Chlorides	Sample Comments
1. N. Side		12-10-21	10:15	4'					
2. W. Side		12-10-21	10:30	2'					
3. S. Side		12-10-21	11:00	4'					
4. E side		12-10/21	11:20	2'					
5. E.N.E		12/10/21	12:05	2'					

Preservative Codes

None: NO	DI Water: H_2O
Cool: Cool	MeOH: Me
HCL: HC	HNO_3: HN
H_2SO_4: H_2	NaOH: Na
H_3PO_4: HP	
$NaHSO_4$: NABIS	
$Na_2S_2O_3$: $NaSO_3$	
Zn Acetate+NaOH: Zn	
NaOH+Ascorbic Acid: SAPC	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Sebastian Romero	Brittany Cox	12-10-21 2:43	2 Brittany Cox	[signature]	12/13/21 9:49
3 [signature] 12/13/21 9:49	[signature] R	12-13-21 9:49	4		
5			6		

Revised Date 05012020 Rev 2020.1

Login Sample Receipt Checklist

Client: Scout Energy Partners Job Number: 880-9245-1

Login Number: 9245 **List Source: Eurofins Xenco, Midland**
List Number: 1
Creator: Teel, Brianna

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-14703-1
Laboratory Sample Delivery Group: Well Pad
Client Project/Site: WDDU 87 Final

For:
Scout Energy Partners
3375 E Hwy 158
Goldsmith, Texas 79741

Attn: Aaron Hickert

Holly Taylor

Authorized for release by:
5/16/2022 10:33:09 AM

Holly Taylor, Project Manager
(806)794-1296
Holly.Taylor@et.eurofinsus.com

Client: Scout Energy Partners
Project/Site: WDDU 87 Final

Laboratory Job ID: 880-14703-1
SDG: Well Pad

Table of Contents

Definitions/Glossary

Client: Scout Energy Partners
Project/Site: WDDU 87 Final

Job ID: 880-14703-1
SDG: Well Pad

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Scout Energy Partners
Project/Site: WDDU 87 Final

Job ID: 880-14703-1
SDG: Well Pad

Job ID: 880-14703-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-14703-1

Receipt

The samples were received on 5/11/2022 4:24 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.7°C

GC Semi VOA

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

HPLC/IC

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

Client Sample Results

Client: Scout Energy Partners
Project/Site: WDDU 87 Final

Job ID: 880-14703-1
SDG: Well Pad

Client Sample ID: SP-2 3'

Lab Sample ID: 880-14703-1
Matrix: Solid
Date Collected: 05/11/22 09:30
Date Received: 05/11/22 16:24
Sample Depth: 3'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/13/22 09:14	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/22 10:01	05/12/22 12:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/12/22 10:01	05/12/22 12:05	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/22 10:01	05/12/22 12:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*05/12/22 10:01*	*05/12/22 12:05*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*05/12/22 10:01*	*05/12/22 12:05*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.62**		5.00		mg/Kg			05/13/22 13:32	1

Client Sample ID: SP-2 4'

Lab Sample ID: 880-14703-2
Matrix: Solid
Date Collected: 05/11/22 09:40
Date Received: 05/11/22 16:24
Sample Depth: 4'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/13/22 09:14	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/12/22 10:01	05/12/22 13:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/12/22 10:01	05/12/22 13:10	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/12/22 10:01	05/12/22 13:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*05/12/22 10:01*	*05/12/22 13:10*	*1*
o-Terphenyl (Surr)	*79*		*70 - 130*	*05/12/22 10:01*	*05/12/22 13:10*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**23.4**		4.97		mg/Kg			05/13/22 13:40	1

Client Sample ID: SP-4 5'

Lab Sample ID: 880-14703-3
Matrix: Solid
Date Collected: 05/11/22 09:25
Date Received: 05/11/22 16:24
Sample Depth: 5'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/13/22 09:14	1

Client Sample Results

Client: Scout Energy Partners
Project/Site: WDDU 87 Final

Job ID: 880-14703-1
SDG: Well Pad

Client Sample ID: SP-4 5'

Lab Sample ID: 880-14703-3
Matrix: Solid
Date Collected: 05/11/22 09:25
Date Received: 05/11/22 16:24
Sample Depth: 5'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/22 10:01	05/12/22 13:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/12/22 10:01	05/12/22 13:31	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/22 10:01	05/12/22 13:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*85*		*70 - 130*	*05/12/22 10:01*	*05/12/22 13:31*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*05/12/22 10:01*	*05/12/22 13:31*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			05/13/22 13:48	1

Client Sample ID: SP-4 6'

Lab Sample ID: 880-14703-4
Matrix: Solid
Date Collected: 05/11/22 09:30
Date Received: 05/11/22 16:24
Sample Depth: 6'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/13/22 09:14	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/12/22 10:01	05/12/22 13:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/12/22 10:01	05/12/22 13:53	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/12/22 10:01	05/12/22 13:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*05/12/22 10:01*	*05/12/22 13:53*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*05/12/22 10:01*	*05/12/22 13:53*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**38.3**		4.96		mg/Kg			05/13/22 14:13	1

Surrogate Summary

Client: Scout Energy Partners
Project/Site: WDDU 87 Final

Job ID: 880-14703-1
SDG: Well Pad

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)											
		1CO1	OTPH1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
880-14703-1	SP-2 3'	97	97										
880-14703-1 MS	SP-2 3'	75	71										
880-14703-1 MSD	SP-2 3'	74	71										
880-14703-2	SP-2 4'	81	79										
880-14703-3	SP-4 5'	85	85										
880-14703-4	SP-4 6'	88	88										
LCS 880-25396/2-A	Lab Control Sample	104	103										
LCSD 880-25396/3-A	Lab Control Sample Dup	107	106										
MB 880-25396/1-A	Method Blank	99	107										

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Scout Energy Partners
Project/Site: WDDU 87 Final

Job ID: 880-14703-1
SDG: Well Pad

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

Lab Sample ID: MB 880-25396/1-A
Matrix: Solid
Analysis Batch: 25380

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25396

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/22 10:01	05/12/22 11:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/12/22 10:01	05/12/22 11:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/22 10:01	05/12/22 11:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*05/12/22 10:01*	*05/12/22 11:00*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*05/12/22 10:01*	*05/12/22 11:00*	*1*

Lab Sample ID: LCS 880-25396/2-A
Matrix: Solid
Analysis Batch: 25380

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25396

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1140		mg/Kg		114	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1052		mg/Kg		105	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*104*		*70 - 130*
o-Terphenyl (Surr)	*103*		*70 - 130*

Lab Sample ID: LCSD 880-25396/3-A
Matrix: Solid
Analysis Batch: 25380

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 25396

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1194		mg/Kg		119	70 - 130	5	20
Diesel Range Organics (Over C10-C28)			1000	1136		mg/Kg		114	70 - 130	8	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*107*		*70 - 130*
o-Terphenyl (Surr)	*106*		*70 - 130*

Lab Sample ID: 880-14703-1 MS
Matrix: Solid
Analysis Batch: 25380

Client Sample ID: SP-2 3'
Prep Type: Total/NA
Prep Batch: 25396

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	935.7		mg/Kg		94	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	779.4		mg/Kg		78	70 - 130		

QC Sample Results

Client: Scout Energy Partners
Project/Site: WDDU 87 Final

Job ID: 880-14703-1
SDG: Well Pad

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

Lab Sample ID: 880-14703-1 MS
Matrix: Solid
Analysis Batch: 25380

Client Sample ID: SP-2 3'
Prep Type: Total/NA
Prep Batch: 25396

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	75		70 - 130
o-Terphenyl (Surr)	71		70 - 130

Lab Sample ID: 880-14703-1 MSD
Matrix: Solid
Analysis Batch: 25380

Client Sample ID: SP-2 3'
Prep Type: Total/NA
Prep Batch: 25396

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	902.2		mg/Kg		90	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	761.7		mg/Kg		76	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	74		70 - 130
o-Terphenyl (Surr)	71		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-25389/1-A
Matrix: Solid
Analysis Batch: 25506

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			05/13/22 12:35	1

Lab Sample ID: LCS 880-25389/2-A
Matrix: Solid
Analysis Batch: 25506

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	250.4		mg/Kg		100	90 - 110		

Lab Sample ID: LCSD 880-25389/3-A
Matrix: Solid
Analysis Batch: 25506

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	249.9		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-14711-A-5-B MS
Matrix: Solid
Analysis Batch: 25506

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	517		250	753.2		mg/Kg		95	90 - 110		

QC Sample Results

Client: Scout Energy Partners
Project/Site: WDDU 87 Final

Job ID: 880-14703-1
SDG: Well Pad

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-14711-A-5-C MSD
Matrix: Solid
Analysis Batch: 25506

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	517		250	751.0		mg/Kg		94	90 - 110	0	20

QC Association Summary

Client: Scout Energy Partners
Project/Site: WDDU 87 Final

Job ID: 880-14703-1
SDG: Well Pad

GC Semi VOA

Analysis Batch: 25380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14703-1	SP-2 3'	Total/NA	Solid	8015B NM	25396
880-14703-2	SP-2 4'	Total/NA	Solid	8015B NM	25396
880-14703-3	SP-4 5'	Total/NA	Solid	8015B NM	25396
880-14703-4	SP-4 6'	Total/NA	Solid	8015B NM	25396
MB 880-25396/1-A	Method Blank	Total/NA	Solid	8015B NM	25396
LCS 880-25396/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	25396
LCSD 880-25396/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	25396
880-14703-1 MS	SP-2 3'	Total/NA	Solid	8015B NM	25396
880-14703-1 MSD	SP-2 3'	Total/NA	Solid	8015B NM	25396

Prep Batch: 25396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14703-1	SP-2 3'	Total/NA	Solid	8015NM Prep	
880-14703-2	SP-2 4'	Total/NA	Solid	8015NM Prep	
880-14703-3	SP-4 5'	Total/NA	Solid	8015NM Prep	
880-14703-4	SP-4 6'	Total/NA	Solid	8015NM Prep	
MB 880-25396/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-25396/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-25396/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-14703-1 MS	SP-2 3'	Total/NA	Solid	8015NM Prep	
880-14703-1 MSD	SP-2 3'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 25501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14703-1	SP-2 3'	Total/NA	Solid	8015 NM	
880-14703-2	SP-2 4'	Total/NA	Solid	8015 NM	
880-14703-3	SP-4 5'	Total/NA	Solid	8015 NM	
880-14703-4	SP-4 6'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 25389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14703-1	SP-2 3'	Soluble	Solid	DI Leach	
880-14703-2	SP-2 4'	Soluble	Solid	DI Leach	
880-14703-3	SP-4 5'	Soluble	Solid	DI Leach	
880-14703-4	SP-4 6'	Soluble	Solid	DI Leach	
MB 880-25389/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-25389/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-25389/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-14711-A-5-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-14711-A-5-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 25506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14703-1	SP-2 3'	Soluble	Solid	300.0	25389
880-14703-2	SP-2 4'	Soluble	Solid	300.0	25389
880-14703-3	SP-4 5'	Soluble	Solid	300.0	25389
880-14703-4	SP-4 6'	Soluble	Solid	300.0	25389
MB 880-25389/1-A	Method Blank	Soluble	Solid	300.0	25389
LCS 880-25389/2-A	Lab Control Sample	Soluble	Solid	300.0	25389

QC Association Summary

Client: Scout Energy Partners
Project/Site: WDDU 87 Final

Job ID: 880-14703-1
SDG: Well Pad

HPLC/IC (Continued)

Analysis Batch: 25506 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-25389/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	25389
880-14711-A-5-B MS	Matrix Spike	Soluble	Solid	300.0	25389
880-14711-A-5-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	25389

Lab Chronicle

Client: Scout Energy Partners
Project/Site: WDDU 87 Final

Job ID: 880-14703-1
SDG: Well Pad

Client Sample ID: SP-2 3'

Date Collected: 05/11/22 09:30
Date Received: 05/11/22 16:24

Lab Sample ID: 880-14703-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			25501	05/13/22 09:14	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25396	05/12/22 10:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25380	05/12/22 12:05	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	25389	05/12/22 09:40	SC	XEN MID
Soluble	Analysis	300.0		1			25506	05/13/22 13:32	CH	XEN MID

Client Sample ID: SP-2 4'

Date Collected: 05/11/22 09:40
Date Received: 05/11/22 16:24

Lab Sample ID: 880-14703-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			25501	05/13/22 09:14	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	25396	05/12/22 10:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25380	05/12/22 13:10	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	25389	05/12/22 09:40	SC	XEN MID
Soluble	Analysis	300.0		1			25506	05/13/22 13:40	CH	XEN MID

Client Sample ID: SP-4 5'

Date Collected: 05/11/22 09:25
Date Received: 05/11/22 16:24

Lab Sample ID: 880-14703-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			25501	05/13/22 09:14	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25396	05/12/22 10:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25380	05/12/22 13:31	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	25389	05/12/22 09:40	SC	XEN MID
Soluble	Analysis	300.0		1			25506	05/13/22 13:48	CH	XEN MID

Client Sample ID: SP-4 6'

Date Collected: 05/11/22 09:30
Date Received: 05/11/22 16:24

Lab Sample ID: 880-14703-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			25501	05/13/22 09:14	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	25396	05/12/22 10:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25380	05/12/22 13:53	SM	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	25389	05/12/22 09:40	SC	XEN MID
Soluble	Analysis	300.0		1			25506	05/13/22 14:13	CH	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Scout Energy Partners
Project/Site: WDDU 87 Final

Job ID: 880-14703-1
SDG: Well Pad

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH

Method Summary

Client: Scout Energy Partners
Project/Site: WDDU 87 Final

Job ID: 880-14703-1
SDG: Well Pad

Method	Method Description	Protocol	Laboratory
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Sample Summary

Client: Scout Energy Partners
Project/Site: WDDU 87 Final

Job ID: 880-14703-1
SDG: Well Pad

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-14703-1	SP-2 3'	Solid	05/11/22 09:30	05/11/22 16:24	3'
880-14703-2	SP-2 4'	Solid	05/11/22 09:40	05/11/22 16:24	4'
880-14703-3	SP-4 5'	Solid	05/11/22 09:25	05/11/22 16:24	5'
880-14703-4	SP-4 6'	Solid	05/11/22 09:30	05/11/22 16:24	6'

eurofins | Environment Testing Xenco

Chain of Custody

Houston, TX (281) 240-4200, Dallas TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs NM (575) 392 7550, Carlsbad, NM (575) 988-3199

Work Order No: 14703

www.xenco.com Page _____ of _____

Project Manager:	Aaron Hickert	Bill to: (if different)	Same
Company Name:	Scout Energy	Company Name:	
Address:	13800 Montfort Dr	Address:	
City, State ZIP:	Dallas TX 75240	City, State ZIP:	
Phone	620-353-4960	Email	ahickert@scoutep.com

Work Order Comments

Program. UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables. EDD ☐ ADaPT ☐ Other:

Project Name:	WDDU87 Final	Turn Around	
Project Number:	—	☒ Routine ☐ Rush	
Project Location:	Well pad	Due Date	
Sampler's Name:	Aaron Hickert	TAT starts the day received by the lab, if received by 4:30pm	
PO #			

SAMPLE RECEIPT	Temp Blank.	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No		Thermometer ID:	IR8
Cooler Custody Seals.	Yes No N/A		Correction Factor:	-.2
Sample Custody Seals:	Yes No N/A		Temperature Reading	5.9
Total Containers:			Corrected Temperature:	5.7

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: TPH 8015	Parameters: Chlorides
SP-2 3'		5/11	9:30A	3'	G			X	X
SP-2 4'			9:40A	4'	G			X	X
SP-4 5'			9:25A	5'	G			X	X
SP-4 6'			9:20A	6'	G			X	X

ANALYSIS REQUEST

Preservative Codes

None NO DI Water H_2O
Cool Cool MeOH Me
HCL HC HNO_3 HN
H_2SO_4 H_2 NaOH Na
H_3PO_4 HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ NaSO$_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Comments

880-14703 Chain of Custody

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed These terms will be enforced unless previously negotiated.

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time		Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			5/11/22 1424	2			
3				4			
5				6			

Revised Date: 08/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: Scout Energy Partners

Job Number: 880-14703-1
SDG Number: Well Pad

Login Number: 14703
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Attachment 3
Copy of Initial/Closure C-141

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

Incident ID	*NAPP2132902756*
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Scout Energy Management, LLC	OGRID 330949
Contact Name Aaron Hickert	Contact Telephone 620-353-4960
Contact email ahickert@scoutep.com	Incident # *(assigned by OCD)NAPP2132902756*
Contact mailing address 13800 Montfort Road, Suite 100 Dallas TX. 75240	

Location of Release Source

Latitude 32.15820 Longitude -103.07560
(NAD 83 in decimal degrees to 5 decimal places)

Site Name West Dollarhide Drinkard Unit #87	Site Type Oil Well
Date Release Discovered	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
I	5	25S	38E	Lea

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (*Name: Randy Crawford*)

Nature and Volume of Release

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

☒ Crude Oil	Volume Released (bbls)31	Volume Recovered (bbls)30
☒ Produced Water	Volume Released (bbls)154	Volume Recovered (bbls)150
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release Stuffing Box Leak

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2132902756
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? Oil Spill larger than 25 BBLS

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
Initial C-141 submitted within 24 hours of spill discovery by Aaron Hickert to NMOCD through online portal.

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

☒ The source of the release has been stopped.
☒ The impacted area has been secured to protect human health and the environment.
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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: Aaron Hickert Title: SR EHS Coordinator

Signature: [signature] Date: 11/25/2021

email: ahickert@scoutep.com Telephone: 620-353-4960

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2132902756
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?	105 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☒ Yes ☐ No

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

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

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 9.15.29.12 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	NAPP2132902756
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: Aaron Hickert Title: Sr EHS Coordinator

Signature: [signature] Date: 7/11/2022

email: ahickert@scoutep.com Telephone: 620-353-4960

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2132902756
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: Aaron Hickert Title: Sr EHS Coordinator

Signature: Date: 6/13/2022

email: Ahickert@scoutep.com Telephone: : 620-353-4960

OCD Only

Received by: Date:

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

Signature: Date:

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2132902756
District RP	
Facility ID	
Application ID	

Closure

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

Closure Report Attachment Checklist: ***Each of the following items must be included in the closure report.***

☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☒ Description of remediation activities

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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Aaron Hickert Title: Sr EHS Coordinator

Signature: Aaron Hickert Date: 6/13/2022

email: Ahickert@scoutep.com Telephone: 620-353-4960

OCD Only

Received by: Date:

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Jennifer Nobui Date: 06/16/2022

Printed Name: Jennifer Nobui Title: Environmental Specialist A

Attachment 4A

Spill Photos


SCOUT Energy, LLC
888-493-2118
WEST DOLLARHIDE DRINKARD UNIT #87
UNIT I, SEC.05-T25S-R38E
LEA COUNTY, NM
API #30-025-12393

Attachment 4B

Closure Photos


United States
N 32.158322°, W 103.076038° ±5.00m
5/11/22, 8:24 AM


DEERE
United States
N 32.158631°, W 103.076188° ±5.00m
5/11/22, 8:44 AM

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 117182

CONDITIONS

Operator: SCOUT ENERGY MANAGEMENT LLC 13800 Montfort Road Dallas, TX 75240	OGRID: 330949
	Action Number: 117182
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Approved. Going forward, please include a scale on your site plan (Figure 2) as directed in 19.15.29 NMAC for future OCD reviews.	6/16/2022