Devon Energy

Snapping 2 State 6H

Closure Report

Section 2, Township 26S, Range 21E
Eddy County, New Mexico

30-015-39162

2RP-4193 – nAB1712152502

March 4, 2025

Prepared for:
Devon Energy Production Company
205 E Bender Blvd
Hobbs, NM 88240

By:
Safety & Environmental Solutions, Inc.
703 East Clinton Street
Hobbs, New Mexico 88240
(575) 397-0510

Company Contacts

Representative	Company	Telephone	E-mail
Jim Raley	Devon Energy	575-689-7597	jim.raley@dvn.com
Armando Aguirre	SESI	575-397-0510	aaguirre@sesi-nm.com

Background

Safety and Environmental Solutions, Inc., hereinafter referred to as (SESI) was engaged by Devon Energy Corporation to assess and remediate a release on the Snapping 2 State 6H location. NMOCD Incident # nAB1712152502 Permit # 2RP-4193.

According to the subsequent C-141 incident dated April 16, 2017: the cause of release was an open drain on the heater treater. The plug was displaced and was discovered laying on the ground, causing a release of approximately 10 bbl. of produced water. All fluid remained on location. The spill impacted an area approximately 50' long and 10' wide. The NMOCD issued a permit number of 2RP-4193.

Surface and Ground Water

According to the NMOCD Oil and Gas map contained in this report, there is no surface water within 2,000 feet of this release. According to the records of the New Mexico Office of the State engineer, the average depth to groundwater in the area is between 300' and 375', as demonstrated be two wells within a half mile of the release that are less than 25 years old. The well files are included in this report and identified by NMOSE as C03639 and C04256. On June 15, 2022, a temporary well with the identifier POD 1 (TW-1)/OSE File Number C-4637 was drilled 55 feet below the surface of the ground. No groundwater was discovered. The POD is located approximately 300 feet west of the Snapping 2 State 6 and 7 on the adjacent site.

Characterization

The target cleanup levels are determined using the NMAC 19.15.29 revisions dated July 24, 2018. According to the most up to date New Mexico Land Office the Snapping 2 State 6H is in a Medium Karst Area.

Note: Despite the groundwater evidence mentioned in section above, on September 21, 2022 NMOCD indicated the values for determination of horizontal impact are derived by either approved "background" values or non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg, and a TPH concentration of no more than 100 mg/kg, a total BTEX concentration of no more than 50 mg/kg, and a benzene concentration of no more than 10 mg/kg. This is especially important for "on-pad" releases to ensure the release did not extend to the "off-pad"/pasture area. A visual footprint on the surface is not sufficient to assess the horizontal extent of the release. Laboratory data must be provided as evidence of delineation efforts. Any sample exceeding approved "background" values or Table I Closure Criteria for releases where groundwater is at a depth of 50 feet or less requires additional samples for horizontal delineation.

Table I
Closure Criteria for Soils Impacted by a Release

Minimum depth below any point within the horizontal boundary of the release to ground water less than 10,000 mg/l TDS	Constituent	Method*	Limit**
≤ 50 feet	Chloride***	EPA 300.0 or SM4500 Cl B	600 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg
51 feet-100 feet	Chloride***	EPA 300.0 or SM4500 Cl B	10,000 mg/kg

Table I Closure Criteria for Soils Impacted by a Release			
Minimum depth below any point within the horizontal boundary of the release to ground water less than 10,000 mg/l TDS	Constituent	Method*	Limit**
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg
>100 feet	Chloride***	EPA 300.0 or SM4500 Cl B	20,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

*Or other test methods approved by the division.
**Numerical limits or natural background level, whichever is greater.
***This applies to releases of produced water or other fluids, which may contain chloride.
[19.15.29.12 NMAC - N, 8/14/2018]

Work Performed NAB1712152502, 2RP-4193:

In May of 2019, SESI performed delineation on this release to establish vertical extent. A total of 9 auger holes were advanced and both surface samples and one-foot samples were obtained. The samples were properly packaged, preserved, and sent to Hall Environmental labs for testing. The results of this sampling event are captured in the table below:

Devon Energy Snapping 2 State 6H Sample Collection Date: 05/21/2019 Hall Environmental Laboratories (1905A88)								
Sample ID	**Chloride (mg/Kg)**	**DRO (mg/Kg)**	**MRO (mg/Kg)**	**GRO (mg/Kg)**	**Benzene (mg/Kg)**	**Toluene (mg/Kg)**	**Ethyl benzene (mg/Kg)**	**Total Xylenes (mg/Kg)**
AH1 @ SURFACE	910	ND	ND	ND	ND	ND	ND	ND
AH1 @ 1'	1900	ND	ND	ND	ND	ND	ND	ND
AH2 @ SURFACE	940	ND	ND	ND	ND	ND	ND	ND
AH2 @ 1'	2000	ND	ND	ND	ND	ND	ND	ND
AH3 @ SURFACE	2400	ND	ND	ND	ND	ND	ND	ND
AH3 @ 1'	1300	ND	ND	ND	ND	ND	ND	ND
AH4 @ SURFACE	2400	ND	ND	ND	ND	ND	ND	ND
AH4 @ 1'	1300	ND	ND	ND	ND	ND	ND	ND
AH5 @ SURFACE	1700	ND	ND	ND	ND	ND	ND	ND
AH5 @ 1'	570	ND	ND	ND	ND	ND	ND	ND
AH6 @ SURFACE	1700	ND	ND	ND	ND	ND	ND	ND
AH6 @ 1'	580	ND	ND	ND	ND	ND	ND	ND
AH7 @ SURFACE	74	41	130	ND	ND	ND	ND	ND
AH7 @ 1'	ND	11	ND	ND	ND	ND	ND	ND
AH8 @ SURFACE	74	46	140	ND	ND	ND	ND	ND
AH8 @ 1'	ND	11	ND	ND	ND	ND	ND	ND
AH9 @ SURFACE	70	47	130	ND	ND	ND	ND	ND
AH9 @ 1'	ND	11	ND	ND	ND	ND	ND	ND

Upon review of these samples, SESI determined vertical extent had been achieved due to groundwater being established at over 300' bgs; however, it was during this time frame that NMOCD notified SESI that all releases would also require horizontal extent. Consequently, in June of 2020 SESI obtained fourteen surface/horizontal samples, packaged them, and sent them to Hall Environmental lab to be analyzed. The results of those samples are summarized in the table below:

Devon Energy Snapping 2 State 6H Sample Collection Date: 06/03/2020 Hall Environmental Laboratories (2006321)								
Sample ID	**Chloride (mg/Kg)**	**DRO (mg/Kg)**	**MRO (mg/Kg)**	**GRO (mg/Kg)**	**Benzene (mg/Kg)**	**Toluene (mg/Kg)**	**Ethyl benzene (mg/Kg)**	**Total Xylenes (mg/Kg)**
AH-10-H SURFACE WEST	ND	ND	ND	ND	ND	ND	ND	ND
AH11-H SURFACE WEST	400	ND	ND	ND	ND	ND	ND	ND
AH-12-H SURFACE WEST	1300	ND	ND	ND	ND	ND	ND	ND
AH-13-H SURFACE NORTH	440	ND	ND	ND	ND	ND	ND	ND
AH-14-H SURFACE NORTH	380	ND	ND	ND	ND	ND	ND	ND
AH15-H SURFACE SOUTH	ND	ND	ND	ND	ND	ND	ND	ND
AH16-H SURFACE WEST	380	ND	ND	ND	ND	ND	ND	ND
AH17-H SURFACE WEST	430	ND	ND	ND	ND	ND	ND	ND
AH18-H SURFACE WEST	2000	ND	ND	ND	ND	ND	ND	ND

All sample results indicate below target levels in Table 1, except AH-12-H and AH-18-H as per the correspondence that was sent from the NMOCD on September 21, 2022.

On May 16, 2024, a Deferral Report was submitted to the NMOCD that combined incident nAB1712152502 2RP-4193 and nAB1435732150 2RP-2686. The Deferral Request was denied on May 31, 2024, NMOCD comments for denial was that Horizontal delineation submitted was incomplete and did not meet the requirements of 19.15.29.11 NMAC. Horizontal delineation needs to be completed as AH-12 and AH-18 do not meet the requirements for horizontal delineation.

On June 25, 2024, SESI conducted 12 field chloride samples in the AH-12-H and AH-18-H areas. The field test results revealed chloride concentrations ranging from 2,356 mg/kg to 21,560 mg/kg in these areas. Due to the elevated levels, the samples were not sent to the lab for further analysis. As per NMOCD requirements, the horizontal extent of chloride levels must be below 600 mg/kg, and Total Petroleum Hydrocarbons (TPH) must be below 100 mg/kg.

In response to the NMOCD's deferral denial and the additional field sampling results, SESI was onsite on February 12, 2025, and excavated an area measuring 90x60 feet to a depth of 12 inches in order to meet the required vertical and horizontal extents (refer to Document 1 for the location of confirmation sampling). Confirmation samples were collected, properly packaged, and transported to Cardinal Laboratories for analysis. The results of the confirmation samples are as follows:

Devon Energy Snapping 2 State 6H Sample Collection Date: 02/12/2025 Cardinal Laboratories (H250897)								
Sample ID	**Chloride (mg/Kg)**	**DRO >C10-C28 (mg/Kg)**	**EXT DRO >C28-C36 (mg/Kg)**	**GRO C6-C10 (mg/Kg)**	**Benzene (mg/Kg)**	**Toluene (mg/Kg)**	**Ethyl benzene (mg/Kg)**	**Total Xylenes (mg/Kg)**
CS-1	272	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050
CS-2	288	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050
CS-3	432	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050
CS-4	256	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050
CS-5	240	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050
CS-6	544	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050
CS-7	304	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050
CS-8	448	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050
CS-9	448	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050
CS-10	288	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050
CS-11	288	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050
CS-12	240	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050
CS-13	240	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050
CS-14	224	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050
CS-15	320	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050

Devon Energy Snapping 2 State 6H Sample Collection Date: 02/12/2025 Cardinal Laboratories (H250897)								
Sample ID	**Chloride (mg/Kg)**	**DRO >C10-C28 (mg/Kg)**	**EXT DRO >C28-C36 (mg/Kg)**	**GRO C6-C10 (mg/Kg)**	**Benzene (mg/Kg)**	**Toluene (mg/Kg)**	**Ethyl benzene (mg/Kg)**	**Total Xylenes (mg/Kg)**
CS-16	208	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050
CS-17	256	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050
CS-18	256	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050
CS-19	224	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050
CS-20	336	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050
CS-21	224	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050
CS-22	256	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050
CS-23	400	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050
CS-24	208	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050
CS-25	304	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050
CS-26	352	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050
CS-27	272	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050
SW-H1	288	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050
SE-H2	256	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050
E-H3	288	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050
NE-H4	256	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050
NW-H5	272	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050
W-H6	336	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050

Conclusion

In conclusion, SESI has successfully implemented the necessary remedial measures at this location to the maximum extent practicable, in accordance with the New Mexico Oil Conservation Division (NMOCD) requirements. The affected area was excavated and backfilled with clean material from an off-site facility, and a total of 5,400 cubic yards of contaminated soil were excavated and properly disposed of at an NMOCD-approved facility. On behalf of Devon Energy, SESI respectfully submits this closure report and formally requests the closure of incident NAB1712152502.

Supplemental Documentation

Exhibit A: Vicinity Map
Exhibit B: Site Map
Document 1: OSE Information
Document 2: NMOCD Oil and Gas Map
Document 3: BLM Cave Karst Map
Document 4: FEMA Floodplain Map
Document 5: Photographs
Document 6: Analytical Results
Document 7: C-141 initial, final

Devon Energy

Snapping 6 & 7

nAB1712152502

2RP-4193

Exhibit A – Vicinity Map

Safety & Environmental Solutions, Inc.
703 East Clinton Street
Hobbs, NM 88240
(575) 397-0510

Devon Energy

Snapping 6 & 7

nAB1712152502

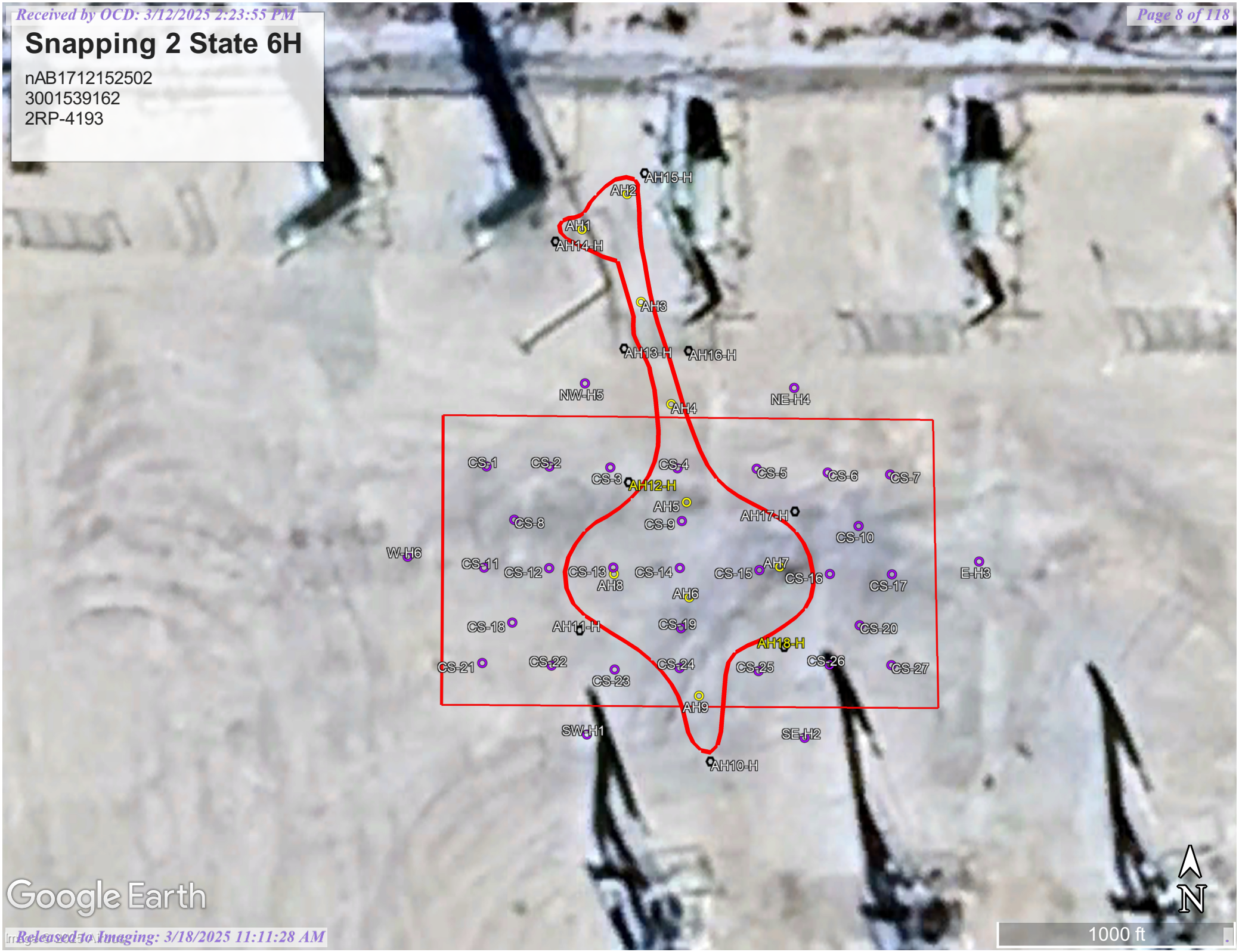
2RP-4193

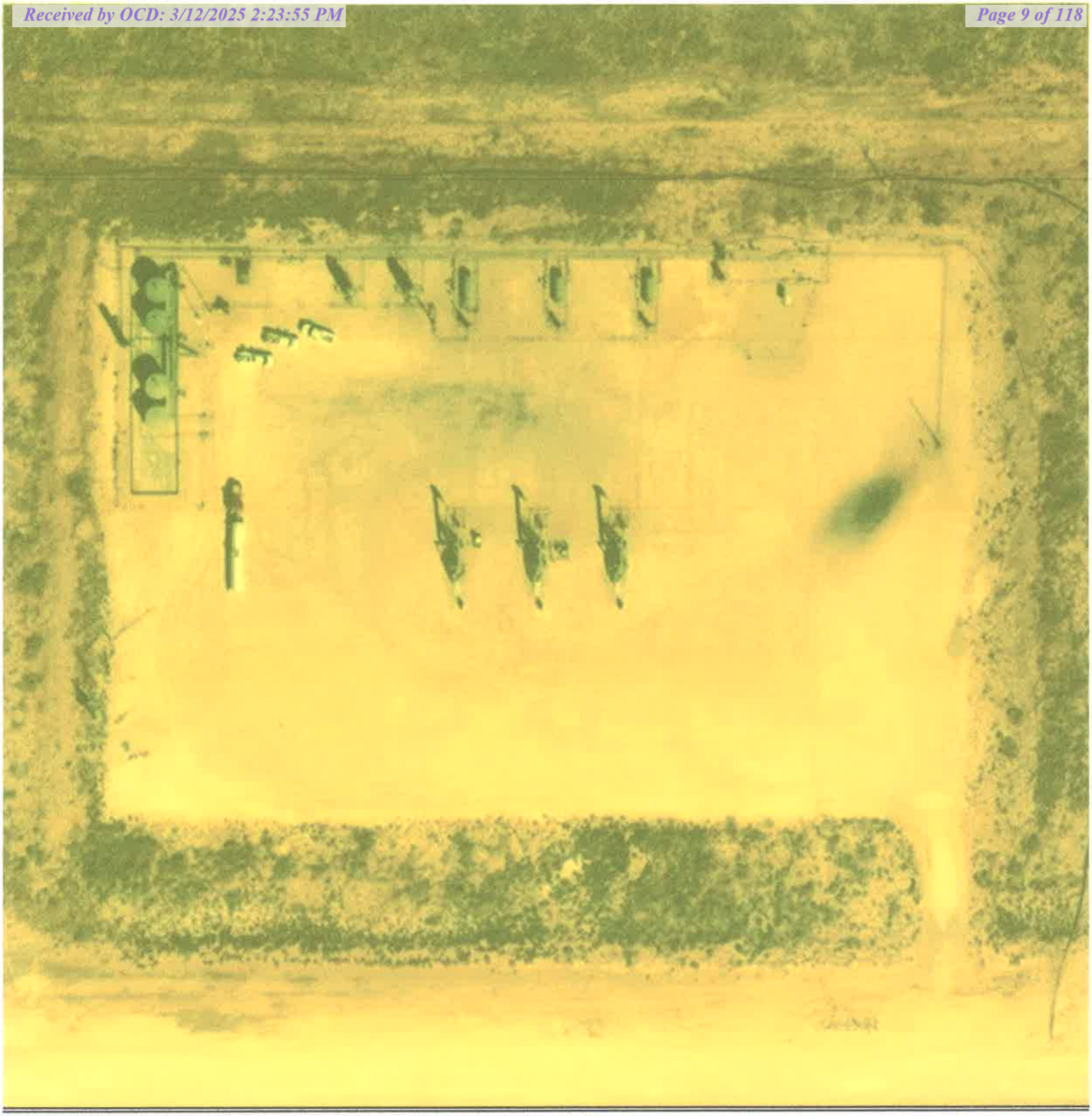
Exhibit B – Site Plan Map

Safety & Environmental Solutions, Inc.
703 East Clinton Street
Hobbs, NM 88240
(575) 397-0510

Snapping 2 State 6H

nAB1712152502
3001539162
2RP-4193





Land Status

0 0.01 0.01 0.02 mi

N

New Mexico State Land Office

Karst_Potential_NM

Potential

- High
- Medium
- Low
- Critical_Karst_Zone_NM

Disclaimer:
The New Mexico State Land Office assumes no responsibility or liability for, or in connection with the accuracy, reliability or use of the information provided herein with respect to State Land Office data or data from other sources.

Data pertaining to New Mexico State Trust Lands are provisional and subject to revision, and do not constitute an official record of title. Official records may be

Map Created: 8/5/2024

New Mexico Office of the State Engineer
Point of Diversion Summary

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

Well Tag	POD Number	Q64	Q16	Q4	Sec	Twn	Rng	X	Y
	C 03639 POD1	3	4	2	01	26S	31E	620168	3549279

Driller License: 1654 **Driller Company:** NOT WORKING FOR HIRE--SIRMAN DRILLING AND CONSTRUC

Driller Name:

Drill Start Date: 09/23/2013 **Drill Finish Date:** 09/25/2013 **Plug Date:**

Log File Date: 10/25/2013 **PCW Rcv Date:** **Source:** Shallow

Pump Type: **Pipe Discharge Size:** **Estimated Yield:**

Casing Size: 6.00 **Depth Well:** 700 feet **Depth Water:** 365 feet

Water Bearing Stratifications:

Top	Bottom	Description
560	600	Sandstone/Gravel/Conglomerate

Casing Perforations:

Top	Bottom
600	660

Meter Number: 16575 **Meter Make:** MASTERMETER

Meter Serial Number: 8827642 **Meter Multiplier:** 100.0000

Number of Dials: 6 **Meter Type:** Diversion

Unit of Measure: Gallons **Return Flow Percent:**

Usage Multiplier: **Reading Frequency:**

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
12/26/2013	2013	4487	A	RPT		0	
04/01/2014	2014	15593	A	RPT		3.408	
07/01/2014	2014	27654	A	RPT		3.701	
10/01/2014	2014	43114	A	RPT		4.744	
12/31/2014	2014	54047	A	RPT		3.355	
02/01/2015	2015	55287	A	RPT		0.381	
03/02/2015	2015	56670	A	RPT		0.424	
04/02/2015	2015	60341	A	RPT		1.127	
04/30/2015	2015	65590	A	RPT		1.611	
05/31/2015	2015	71252	A	RPT		1.738	
07/01/2015	2015	74451	A	RPT		0.982	
08/01/2015	2015	77975	A	RPT		1.081	
08/31/2015	2015	82253	A	RPT		1.313	
10/01/2015	2015	86369	A	RPT		1.263	

****YTD Meter Amounts:**

Year	Amount
2013	0
2014	15.208
2015	9.920

1/13/21 12:50 PM POINT OF DIVERSION SUMMARY

New Mexico Office of the State Engineer
Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64	Q16	Q4	Sec	Tws	Rng	(NAD83 UTM in meters) X	Y
NA	C 04256 POD1	4	4	2	01	26S	31E	620384	3549257

Driller License:	1706	**Driller Company:**	ELITE DRILLERS CORPORATION		
Driller Name:	BRYCE WALLACE				
Drill Start Date:	06/28/2018	**Drill Finish Date:**	07/04/2018	**Plug Date:**	
Log File Date:	07/18/2018	**PCW Rcv Date:**		**Source:**	Artesian
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	40 GPM
Casing Size:	5.80	**Depth Well:**	666 feet	**Depth Water:**	340 feet

Water Bearing Stratifications:	Top	Bottom	Description
	330	390	Sandstone/Gravel/Conglomerate
	390	430	Sandstone/Gravel/Conglomerate
	430	480	Sandstone/Gravel/Conglomerate
	480	610	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	326	666

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.): POD 1 (TW-1)	WELL TAG ID NO.: N/A	OSE FILE NO(S.): C-4637
WELL OWNER NAME(S): Devon Energy		PHONE (OPTIONAL): 575-748-1838
WELL OWNER MAILING ADDRESS: 6488 7 Rivers Hwy		CITY: Artesia STATE: NM ZIP: 88210

WELL LOCATION (FROM GPS)	DEGREES	MINUTES	SECONDS	
LATITUDE	32	3	57.21	N
LONGITUDE	103	44	57.0	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE: SE SE SW Sec.2 T26S R31S NMPM

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1249	Jackie D. Atkins	Atkins Engineering Associates, Inc.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
6/15/2022	6/15/2022	Temporary Well	±51	N/A

COMPLETED WELL IS: ☐ ARTESIAN ☑ DRY HOLE ☐ SHALLOW (UNCONFINED) | STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A | DATE STATIC MEASURED: 6/15/2022,7/19/2022

DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☑ OTHER – SPECIFY: Hollow Stem Auger | CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0	55	±6.5	Boring-HSA	--	--	--	--

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO. C-04637-POD1	POD NO. 1	TRN NO. 726494	
LOCATION 26S.31E.02.4.4.3.	WELL TAG ID NO.		PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	39	39	Sand, Medium/ Fine grained, poorly graded, Tan brown	Y ✓ N	
39	55	16	Sand, Medium/ Fine grained, poorly graded, Reddish Brown	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION

WELL TEST: TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface.

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Shane Eldridge, Cameron Pruitt

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

Jack Atkins — Jackie D. Atkins — 8/4/2022

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO. C-04637	POD NO. 1	TRN NO. 726494	
LOCATION 26S.31E.02.4.4.3		WELL TAG ID NO. —	PAGE 2 OF 2

Atkins ENGINEERING ASSOCIATES INC.
2904 W 2nd St.
Roswell, NM 88201
voice: 575.624 2420
fax: 575.624 2421
www.atkinseng.com

August 4, 2022

DII-NMOSE
1900 W 2nd Street
Roswell, NM 88201

Hand Delivered to the DII Office of the State Engineer

Re: Well Record C-4637 Pod1

To whom it may concern:

Attached please find a well log & record and a plugging record, in duplicate, for a one (1) soil borings, C-4637 Pod1.

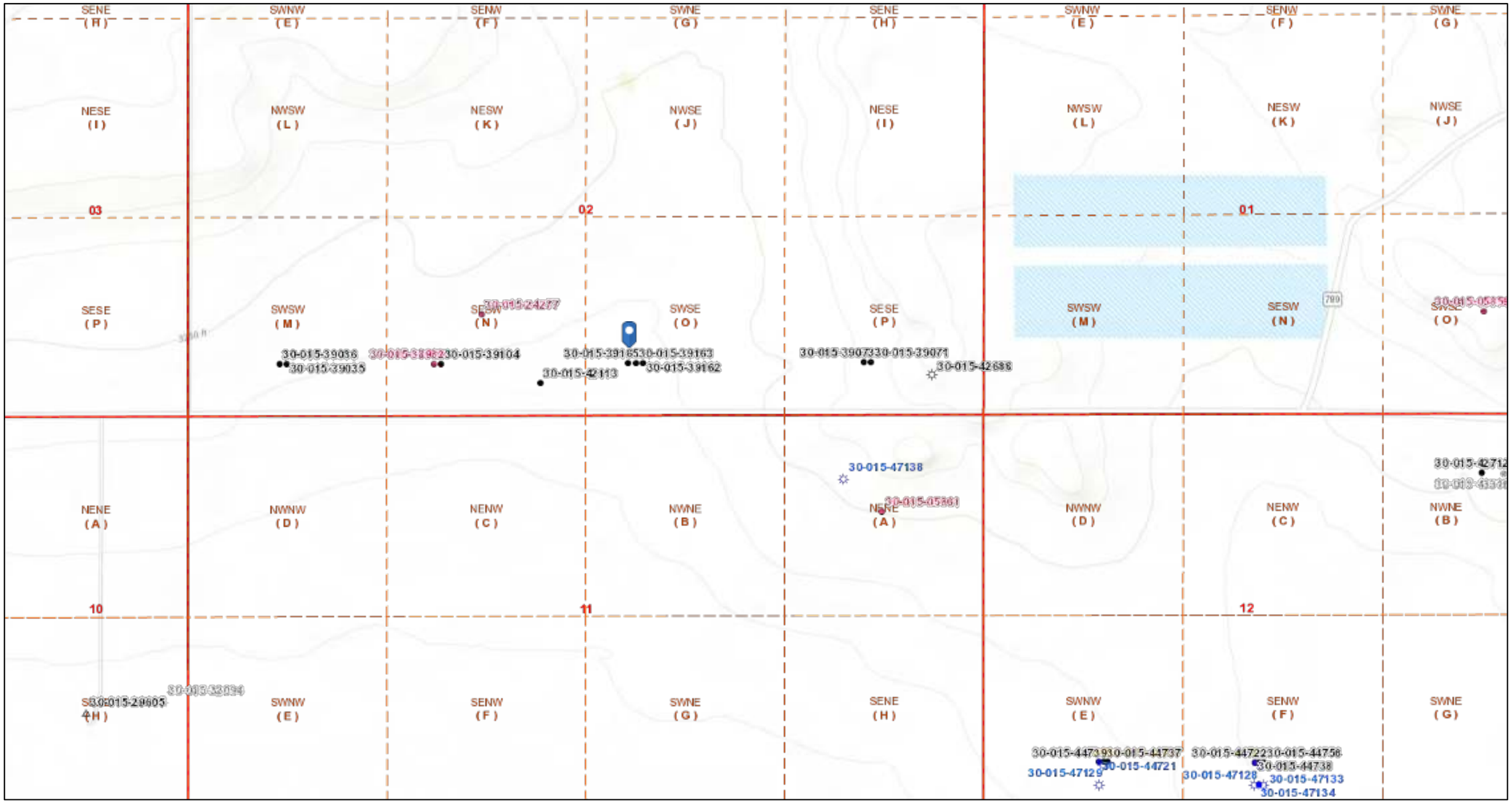
If you have any questions, please contact me at 575.499.9244 or lucas@atkinseng.com.

Sincerely,

Lucas Middleton

Enclosures: as noted above

Devon, Snapping 2 State 6 & 7 Battery



12/30/2020, 9:31:25 AM

1:9,028

0 0.07 0.15 0.3 mi

0 0.15 0.3 0.6 km

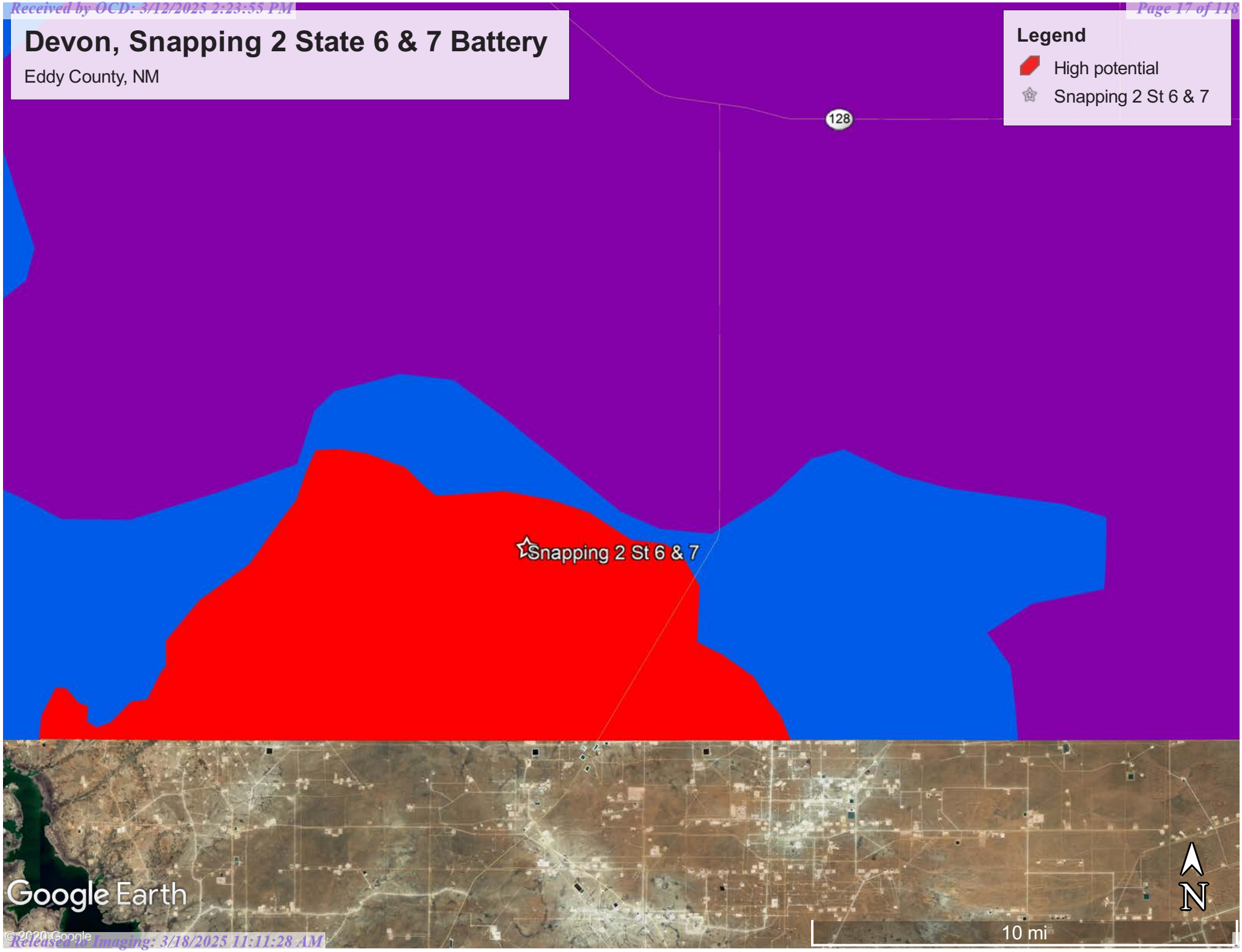
Wells - Large Scale

- undefined
- Miscellaneous
- CO2, Active
- CO2, Cancelled
- CO2, New
- CO2, Plugged
- CO2, Temporarily Abandoned
- Gas, Active
- Gas, Cancelled
- Gas, New
- Gas, Plugged
- Gas, Temporarily Abandoned
- Injection, Active
- Injection, Cancelled
- Injection, New
- Injection, Plugged
- Injection, Temporarily Abandoned
- Oil, Active
- Oil, Cancelled
- Oil, New
- Oil, Plugged
- Oil, Temporarily Abandoned
- Salt Water Injection, Active
- Salt Water Injection, Cancelled
- Salt Water Injection, New
- Salt Water Injection, Plugged
- Salt Water Injection, Temporarily Abandoned
- Water, Active
- Water, Cancelled
- Water, New

Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, Intermap, USGS, METI/NASA, EPA, USDA, Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., OCD, BLM

Devon, Snapping 2 State 6 & 7 Battery

Eddy County, NM



National Flood Hazard Layer FIRMette

FEMA

103°45'11"W 32°4'13"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

103°44'34"W 32°3'43"N

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 / 17.5 Cross Sections with 1% Annual Chance / Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 12/30/2020 at 11:38 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Devon, Snapping 2 State 6 & 7 Battery 2RP-4193
April 2019

Release facing East

Release facing South

Release facing Southeast

Release facing Southeast

Devon, Snapping 2 State 6 & 7 Battery 2RP-4193
April 2019

Release facing West

Release facing West

Release facing West

Release Point

Snapping 2 State 6H
February 12, 2025

Snapping 2 State 6H
February 12, 2025

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

May 31, 2019

Bob Allen
Safety & Environmental Solutions
PO Box 1613
Hobbs, NM 88241
TEL: (575) 397-0510
FAX (575) 393-4388

RE: Devon Snapping 2-64 CRP-4193 OrderNo.: 1905A88

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 18 sample(s) on 5/22/2019 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **1905A88**
Date Reported: **5/31/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Project: Devon Snapping 2-64 CRP-4193
Lab ID: 1905A88-001 **Matrix:** SOIL

Client Sample ID: AH-1 Surface
Collection Date: 5/21/2019 8:30:00 AM
Received Date: 5/22/2019 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: **MRA**
Chloride	910	60		mg/Kg	20	5/29/2019 1:12:52 PM	45223
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: **CLP**
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	5/24/2019 7:00:05 PM	45165
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/24/2019 7:00:05 PM	45165
Surr: DNOP	107	70-130		%Rec	1	5/24/2019 7:00:05 PM	45165
EPA METHOD 8015D: GASOLINE RANGE							Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/23/2019 10:30:53 AM	45120
Surr: BFB	89.8	73.8-119		%Rec	1	5/23/2019 10:30:53 AM	45120
EPA METHOD 8021B: VOLATILES							Analyst: **NSB**
Benzene	ND	0.024		mg/Kg	1	5/23/2019 10:30:53 AM	45120
Toluene	ND	0.048		mg/Kg	1	5/23/2019 10:30:53 AM	45120
Ethylbenzene	ND	0.048		mg/Kg	1	5/23/2019 10:30:53 AM	45120
Xylenes, Total	ND	0.097		mg/Kg	1	5/23/2019 10:30:53 AM	45120
Surr: 4-Bromofluorobenzene	100	80-120		%Rec	1	5/23/2019 10:30:53 AM	45120

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1905A88**
Date Reported: **5/31/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Project: Devon Snapping 2-64 CRP-4193
Lab ID: 1905A88-002 **Matrix:** SOIL

Client Sample ID: AH-1 1Ft
Collection Date: 5/21/2019 8:45:00 AM
Received Date: 5/22/2019 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: **MRA**
Chloride	1900	60		mg/Kg	20	5/29/2019 1:25:17 PM	45223
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: **CLP**
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	5/24/2019 7:24:36 PM	45165
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/24/2019 7:24:36 PM	45165
Surr: DNOP	150	70-130	S	%Rec	1	5/24/2019 7:24:36 PM	45165
EPA METHOD 8015D: GASOLINE RANGE							Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/23/2019 11:41:03 AM	45120
Surr: BFB	89.4	73.8-119		%Rec	1	5/23/2019 11:41:03 AM	45120
EPA METHOD 8021B: VOLATILES							Analyst: **NSB**
Benzene	ND	0.025		mg/Kg	1	5/23/2019 11:41:03 AM	45120
Toluene	ND	0.049		mg/Kg	1	5/23/2019 11:41:03 AM	45120
Ethylbenzene	ND	0.049		mg/Kg	1	5/23/2019 11:41:03 AM	45120
Xylenes, Total	ND	0.098		mg/Kg	1	5/23/2019 11:41:03 AM	45120
Surr: 4-Bromofluorobenzene	98.9	80-120		%Rec	1	5/23/2019 11:41:03 AM	45120

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1905A88**
Date Reported: **5/31/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Project: Devon Snapping 2-64 CRP-4193
Lab ID: 1905A88-003 **Matrix:** SOIL

Client Sample ID: AH-2 Surface
Collection Date: 5/21/2019 9:15:00 AM
Received Date: 5/22/2019 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: **MRA**
Chloride	940	60		mg/Kg	20	5/29/2019 2:02:30 PM	45223
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: **CLP**
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	5/24/2019 7:49:11 PM	45165
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/24/2019 7:49:11 PM	45165
Surr: DNOP	140	70-130	S	%Rec	1	5/24/2019 7:49:11 PM	45165
EPA METHOD 8015D: GASOLINE RANGE							Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/23/2019 12:51:02 PM	45120
Surr: BFB	86.1	73.8-119		%Rec	1	5/23/2019 12:51:02 PM	45120
EPA METHOD 8021B: VOLATILES							Analyst: **NSB**
Benzene	ND	0.025		mg/Kg	1	5/23/2019 12:51:02 PM	45120
Toluene	ND	0.050		mg/Kg	1	5/23/2019 12:51:02 PM	45120
Ethylbenzene	ND	0.050		mg/Kg	1	5/23/2019 12:51:02 PM	45120
Xylenes, Total	ND	0.10		mg/Kg	1	5/23/2019 12:51:02 PM	45120
Surr: 4-Bromofluorobenzene	94.6	80-120		%Rec	1	5/23/2019 12:51:02 PM	45120

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1905A88**
Date Reported: **5/31/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Project: Devon Snapping 2-64 CRP-4193
Lab ID: 1905A88-004 **Matrix:** SOIL

Client Sample ID: AH-2 1Ft
Collection Date: 5/21/2019 9:30:00 AM
Received Date: 5/22/2019 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: **MRA**
Chloride	2000	60		mg/Kg	20	5/29/2019 2:14:55 PM	45223
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: **CLP**
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	5/24/2019 8:13:50 PM	45165
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/24/2019 8:13:50 PM	45165
Surr: DNOP	143	70-130	S	%Rec	1	5/24/2019 8:13:50 PM	45165
EPA METHOD 8015D: GASOLINE RANGE							Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/23/2019 1:14:19 PM	45120
Surr: BFB	86.3	73.8-119		%Rec	1	5/23/2019 1:14:19 PM	45120
EPA METHOD 8021B: VOLATILES							Analyst: **NSB**
Benzene	ND	0.025		mg/Kg	1	5/23/2019 1:14:19 PM	45120
Toluene	ND	0.050		mg/Kg	1	5/23/2019 1:14:19 PM	45120
Ethylbenzene	ND	0.050		mg/Kg	1	5/23/2019 1:14:19 PM	45120
Xylenes, Total	ND	0.10		mg/Kg	1	5/23/2019 1:14:19 PM	45120
Surr: 4-Bromofluorobenzene	95.7	80-120		%Rec	1	5/23/2019 1:14:19 PM	45120

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- B Analyte detected in the associated Method Blank
- D Sample Diluted Due to Matrix
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- P Sample pH Not In Range
- PQL Practical Quantitative Limit
- RL Reporting Limit
- S % Recovery outside of range due to dilution or matrix

Analytical Report
Lab Order 1905A88
Date Reported: 5/31/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Project: Devon Snapping 2-64 CRP-4193
Lab ID: 1905A88-005 **Matrix:** SOIL

Client Sample ID: AH-3 Surface
Collection Date: 5/21/2019 9:45:00 AM
Received Date: 5/22/2019 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	2400	150		mg/Kg	50	5/30/2019 9:40:15 AM	45223
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	5/24/2019 8:38:19 PM	45165
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/24/2019 8:38:19 PM	45165
Surr: DNOP	137	70-130	S	%Rec	1	5/24/2019 8:38:19 PM	45165
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/23/2019 1:37:41 PM	45120
Surr: BFB	91.3	73.8-119		%Rec	1	5/23/2019 1:37:41 PM	45120
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	5/23/2019 1:37:41 PM	45120
Toluene	ND	0.049		mg/Kg	1	5/23/2019 1:37:41 PM	45120
Ethylbenzene	ND	0.049		mg/Kg	1	5/23/2019 1:37:41 PM	45120
Xylenes, Total	ND	0.097		mg/Kg	1	5/23/2019 1:37:41 PM	45120
Surr: 4-Bromofluorobenzene	102	80-120		%Rec	1	5/23/2019 1:37:41 PM	45120

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quantitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order 1905A88
Date Reported: 5/31/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Project: Devon Snapping 2-64 CRP-4193
Lab ID: 1905A88-006 **Matrix:** SOIL

Client Sample ID: AH-3 1 Ft
Collection Date: 5/21/2019 10:00:00 AM
Received Date: 5/22/2019 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: **MRA**
Chloride	1300	60		mg/Kg	20	5/29/2019 3:04:33 PM	45223
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: **CLP**
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	5/24/2019 9:02:50 PM	45165
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/24/2019 9:02:50 PM	45165
Surr: DNOP	141	70-130	S	%Rec	1	5/24/2019 9:02:50 PM	45165
EPA METHOD 8015D: GASOLINE RANGE							Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/23/2019 2:01:01 PM	45120
Surr: BFB	84.6	73.8-119		%Rec	1	5/23/2019 2:01:01 PM	45120
EPA METHOD 8021B: VOLATILES							Analyst: **NSB**
Benzene	ND	0.024		mg/Kg	1	5/23/2019 2:01:01 PM	45120
Toluene	ND	0.049		mg/Kg	1	5/23/2019 2:01:01 PM	45120
Ethylbenzene	ND	0.049		mg/Kg	1	5/23/2019 2:01:01 PM	45120
Xylenes, Total	ND	0.097		mg/Kg	1	5/23/2019 2:01:01 PM	45120
Surr: 4-Bromofluorobenzene	93.9	80-120		%Rec	1	5/23/2019 2:01:01 PM	45120

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order 1905A88
Date Reported: 5/31/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Project: Devon Snapping 2-64 CRP-4193
Lab ID: 1905A88-007 **Matrix:** SOIL

Client Sample ID: AH-4 Surface
Collection Date: 5/21/2019 10:15:00 AM
Received Date: 5/22/2019 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	2400	150		mg/Kg	50	5/30/2019 9:52:39 AM	45223
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**	
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	5/24/2019 9:27:27 PM	45165
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/24/2019 9:27:27 PM	45165
Surr: DNOP	118	70-130		%Rec	1	5/24/2019 9:27:27 PM	45165
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/23/2019 2:24:19 PM	45120
Surr: BFB	87.3	73.8-119		%Rec	1	5/23/2019 2:24:19 PM	45120
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	5/23/2019 2:24:19 PM	45120
Toluene	ND	0.050		mg/Kg	1	5/23/2019 2:24:19 PM	45120
Ethylbenzene	ND	0.050		mg/Kg	1	5/23/2019 2:24:19 PM	45120
Xylenes, Total	ND	0.10		mg/Kg	1	5/23/2019 2:24:19 PM	45120
Surr: 4-Bromofluorobenzene	97.2	80-120		%Rec	1	5/23/2019 2:24:19 PM	45120

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Analytical Report
Lab Order **1905A88**
Date Reported: **5/31/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Project: Devon Snapping 2-64 CRP-4193
Lab ID: 1905A88-008 **Matrix:** SOIL

Client Sample ID: AH-4 1 Ft
Collection Date: 5/21/2019 10:35:00 AM
Received Date: 5/22/2019 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	1300	60		mg/Kg	20	5/29/2019 3:29:23 PM	45223
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	5/24/2019 9:51:57 PM	45165
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/24/2019 9:51:57 PM	45165
Surr: DNOP	116	70-130		%Rec	1	5/24/2019 9:51:57 PM	45165
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/23/2019 2:47:43 PM	45120
Surr: BFB	85.0	73.8-119		%Rec	1	5/23/2019 2:47:43 PM	45120
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	5/23/2019 2:47:43 PM	45120
Toluene	ND	0.050		mg/Kg	1	5/23/2019 2:47:43 PM	45120
Ethylbenzene	ND	0.050		mg/Kg	1	5/23/2019 2:47:43 PM	45120
Xylenes, Total	ND	0.10		mg/Kg	1	5/23/2019 2:47:43 PM	45120
Surr: 4-Bromofluorobenzene	95.0	80-120		%Rec	1	5/23/2019 2:47:43 PM	45120

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1905A88**
Date Reported: **5/31/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Project: Devon Snapping 2-64 CRP-4193
Lab ID: 1905A88-009 **Matrix:** SOIL

Client Sample ID: AH-5 Surface
Collection Date: 5/21/2019 10:50:00 AM
Received Date: 5/22/2019 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	1700	60		mg/Kg	20	5/29/2019 3:41:48 PM	45236
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**	
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	5/24/2019 10:16:27 PM	45165
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/24/2019 10:16:27 PM	45165
Surr: DNOP	100	70-130		%Rec	1	5/24/2019 10:16:27 PM	45165
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/23/2019 3:11:01 PM	45120
Surr: BFB	88.3	73.8-119		%Rec	1	5/23/2019 3:11:01 PM	45120
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	5/23/2019 3:11:01 PM	45120
Toluene	ND	0.050		mg/Kg	1	5/23/2019 3:11:01 PM	45120
Ethylbenzene	ND	0.050		mg/Kg	1	5/23/2019 3:11:01 PM	45120
Xylenes, Total	ND	0.10		mg/Kg	1	5/23/2019 3:11:01 PM	45120
Surr: 4-Bromofluorobenzene	98.6	80-120		%Rec	1	5/23/2019 3:11:01 PM	45120

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- D Sample Diluted Due to Matrix
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- P Sample pH Not In Range
- PQL Practical Quantitative Limit
- RL Reporting Limit
- S % Recovery outside of range due to dilution or matrix

Analytical Report
Lab Order **1905A88**
Date Reported: **5/31/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Project: Devon Snapping 2-64 CRP-4193
Lab ID: 1905A88-010 **Matrix:** SOIL

Client Sample ID: AH-5 1 Ft
Collection Date: 5/21/2019 11:10:00 AM
Received Date: 5/22/2019 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: **MRA**
Chloride	570	60		mg/Kg	20	5/29/2019 4:19:03 PM	45236
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: **CLP**
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	5/24/2019 10:40:58 PM	45165
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/24/2019 10:40:58 PM	45165
Surr: DNOP	140	70-130	S	%Rec	1	5/24/2019 10:40:58 PM	45165
EPA METHOD 8015D: GASOLINE RANGE							Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/23/2019 3:34:18 PM	45120
Surr: BFB	85.1	73.8-119		%Rec	1	5/23/2019 3:34:18 PM	45120
EPA METHOD 8021B: VOLATILES							Analyst: **NSB**
Benzene	ND	0.025		mg/Kg	1	5/23/2019 3:34:18 PM	45120
Toluene	ND	0.050		mg/Kg	1	5/23/2019 3:34:18 PM	45120
Ethylbenzene	ND	0.050		mg/Kg	1	5/23/2019 3:34:18 PM	45120
Xylenes, Total	ND	0.099		mg/Kg	1	5/23/2019 3:34:18 PM	45120
Surr: 4-Bromofluorobenzene	94.2	80-120		%Rec	1	5/23/2019 3:34:18 PM	45120

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1905A88**
Date Reported: **5/31/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Project: Devon Snapping 2-64 CRP-4193
Lab ID: 1905A88-011 **Matrix:** SOIL

Client Sample ID: AH-6 Surface
Collection Date: 5/21/2019 11:25:00 AM
Received Date: 5/22/2019 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	1700	60		mg/Kg	20	5/29/2019 4:31:28 PM	45236
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**	
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	5/24/2019 11:05:25 PM	45165
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/24/2019 11:05:25 PM	45165
Surr: DNOP	103	70-130		%Rec	1	5/24/2019 11:05:25 PM	45165
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/23/2019 4:44:09 PM	45120
Surr: BFB	84.7	73.8-119		%Rec	1	5/23/2019 4:44:09 PM	45120
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	5/23/2019 4:44:09 PM	45120
Toluene	ND	0.050		mg/Kg	1	5/23/2019 4:44:09 PM	45120
Ethylbenzene	ND	0.050		mg/Kg	1	5/23/2019 4:44:09 PM	45120
Xylenes, Total	ND	0.099		mg/Kg	1	5/23/2019 4:44:09 PM	45120
Surr: 4-Bromofluorobenzene	95.3	80-120		%Rec	1	5/23/2019 4:44:09 PM	45120

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1905A88**
Date Reported: **5/31/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Project: Devon Snapping 2-64 CRP-4193
Lab ID: 1905A88-012 **Matrix:** SOIL

Client Sample ID: AH-6 1 Ft
Collection Date: 5/21/2019 11:45:00 AM
Received Date: 5/22/2019 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: **MRA**
Chloride	580	60		mg/Kg	20	5/29/2019 4:43:53 PM	45236
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: **CLP**
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	5/24/2019 11:29:54 PM	45165
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/24/2019 11:29:54 PM	45165
Surr: DNOP	137	70-130	S	%Rec	1	5/24/2019 11:29:54 PM	45165
EPA METHOD 8015D: GASOLINE RANGE							Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/23/2019 5:07:29 PM	45120
Surr: BFB	86.5	73.8-119		%Rec	1	5/23/2019 5:07:29 PM	45120
EPA METHOD 8021B: VOLATILES							Analyst: **NSB**
Benzene	ND	0.025		mg/Kg	1	5/23/2019 5:07:29 PM	45120
Toluene	ND	0.050		mg/Kg	1	5/23/2019 5:07:29 PM	45120
Ethylbenzene	ND	0.050		mg/Kg	1	5/23/2019 5:07:29 PM	45120
Xylenes, Total	ND	0.10		mg/Kg	1	5/23/2019 5:07:29 PM	45120
Surr: 4-Bromofluorobenzene	96.9	80-120		%Rec	1	5/23/2019 5:07:29 PM	45120

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1905A88**
Date Reported: **5/31/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Project: Devon Snapping 2-64 CRP-4193
Lab ID: 1905A88-013 **Matrix:** SOIL

Client Sample ID: AH-7 Surface
Collection Date: 5/21/2019 12:05:00 PM
Received Date: 5/22/2019 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	74	60		mg/Kg	20	5/29/2019 4:56:18 PM	45236
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	41	10		mg/Kg	1	5/28/2019 9:29:03 PM	45174
Motor Oil Range Organics (MRO)	130	50		mg/Kg	1	5/28/2019 9:29:03 PM	45174
Surr: DNOP	108	70-130		%Rec	1	5/28/2019 9:29:03 PM	45174
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/23/2019 5:30:48 PM	45120
Surr: BFB	84.6	73.8-119		%Rec	1	5/23/2019 5:30:48 PM	45120
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	5/23/2019 5:30:48 PM	45120
Toluene	ND	0.049		mg/Kg	1	5/23/2019 5:30:48 PM	45120
Ethylbenzene	ND	0.049		mg/Kg	1	5/23/2019 5:30:48 PM	45120
Xylenes, Total	ND	0.098		mg/Kg	1	5/23/2019 5:30:48 PM	45120
Surr: 4-Bromofluorobenzene	95.4	80-120		%Rec	1	5/23/2019 5:30:48 PM	45120

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1905A88**
Date Reported: **5/31/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Project: Devon Snapping 2-64 CRP-4193
Lab ID: 1905A88-014 **Matrix:** SOIL

Client Sample ID: AH-7 1 Ft
Collection Date: 5/21/2019 12:25:00 PM
Received Date: 5/22/2019 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: **MRA**
Chloride	ND	60		mg/Kg	20	5/29/2019 5:33:31 PM	45236
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: **TOM**
Diesel Range Organics (DRO)	11	9.8		mg/Kg	1	5/29/2019 8:00:52 AM	45174
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/29/2019 8:00:52 AM	45174
Surr: DNOP	105	70-130		%Rec	1	5/29/2019 8:00:52 AM	45174
EPA METHOD 8015D: GASOLINE RANGE							Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/23/2019 5:54:04 PM	45120
Surr: BFB	84.5	73.8-119		%Rec	1	5/23/2019 5:54:04 PM	45120
EPA METHOD 8021B: VOLATILES							Analyst: **NSB**
Benzene	ND	0.024		mg/Kg	1	5/23/2019 5:54:04 PM	45120
Toluene	ND	0.049		mg/Kg	1	5/23/2019 5:54:04 PM	45120
Ethylbenzene	ND	0.049		mg/Kg	1	5/23/2019 5:54:04 PM	45120
Xylenes, Total	ND	0.097		mg/Kg	1	5/23/2019 5:54:04 PM	45120
Surr: 4-Bromofluorobenzene	95.4	80-120		%Rec	1	5/23/2019 5:54:04 PM	45120

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- B Analyte detected in the associated Method Blank
- D Sample Diluted Due to Matrix
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- P Sample pH Not In Range
- PQL Practical Quantitative Limit
- RL Reporting Limit
- S % Recovery outside of range due to dilution or matrix

Analytical Report
Lab Order 1905A88
Date Reported: 5/31/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Project: Devon Snapping 2-64 CRP-4193
Lab ID: 1905A88-015 **Matrix:** SOIL

Client Sample ID: AH-8 Surface
Collection Date: 5/21/2019 12:45:00 PM
Received Date: 5/22/2019 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	74	60		mg/Kg	20	5/29/2019 6:10:44 PM	45236
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	46	10		mg/Kg	1	5/28/2019 10:13:31 PM	45174
Motor Oil Range Organics (MRO)	140	50		mg/Kg	1	5/28/2019 10:13:31 PM	45174
Surr: DNOP	109	70-130		%Rec	1	5/28/2019 10:13:31 PM	45174
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/23/2019 6:17:17 PM	45120
Surr: BFB	84.0	73.8-119		%Rec	1	5/23/2019 6:17:17 PM	45120
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	5/23/2019 6:17:17 PM	45120
Toluene	ND	0.049		mg/Kg	1	5/23/2019 6:17:17 PM	45120
Ethylbenzene	ND	0.049		mg/Kg	1	5/23/2019 6:17:17 PM	45120
Xylenes, Total	ND	0.098		mg/Kg	1	5/23/2019 6:17:17 PM	45120
Surr: 4-Bromofluorobenzene	94.2	80-120		%Rec	1	5/23/2019 6:17:17 PM	45120

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1905A88**
Date Reported: **5/31/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Project: Devon Snapping 2-64 CRP-4193
Lab ID: 1905A88-016 **Matrix:** SOIL

Client Sample ID: AH-8 1Ft
Collection Date: 5/21/2019 1:00:00 PM
Received Date: 5/22/2019 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: **MRA**
Chloride	ND	60		mg/Kg	20	5/29/2019 6:23:09 PM	45236
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: **TOM**
Diesel Range Organics (DRO)	11	10		mg/Kg	1	5/29/2019 8:25:13 AM	45174
Motor Oil Range Organics (MRO)	ND	51		mg/Kg	1	5/29/2019 8:25:13 AM	45174
Surr: DNOP	107	70-130		%Rec	1	5/29/2019 8:25:13 AM	45174
EPA METHOD 8015D: GASOLINE RANGE							Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/23/2019 6:40:34 PM	45120
Surr: BFB	87.0	73.8-119		%Rec	1	5/23/2019 6:40:34 PM	45120
EPA METHOD 8021B: VOLATILES							Analyst: **NSB**
Benzene	ND	0.025		mg/Kg	1	5/23/2019 6:40:34 PM	45120
Toluene	ND	0.050		mg/Kg	1	5/23/2019 6:40:34 PM	45120
Ethylbenzene	ND	0.050		mg/Kg	1	5/23/2019 6:40:34 PM	45120
Xylenes, Total	ND	0.099		mg/Kg	1	5/23/2019 6:40:34 PM	45120
Surr: 4-Bromofluorobenzene	97.9	80-120		%Rec	1	5/23/2019 6:40:34 PM	45120

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparative or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	R	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1905A88**
Date Reported: **5/31/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Project: Devon Snapping 2-64 CRP-4193
Lab ID: 1905A88-017 **Matrix:** SOIL

Client Sample ID: AH-9 Surface
Collection Date: 5/21/2019 1:15:00 PM
Received Date: 5/22/2019 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: **MRA**
Chloride	70	60		mg/Kg	20	5/29/2019 6:35:33 PM	45236
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: **TOM**
Diesel Range Organics (DRO)	47	9.9		mg/Kg	1	5/28/2019 10:58:01 PM	45174
Motor Oil Range Organics (MRO)	130	49		mg/Kg	1	5/28/2019 10:58:01 PM	45174
Surr: DNOP	102	70-130		%Rec	1	5/28/2019 10:58:01 PM	45174
EPA METHOD 8015D: GASOLINE RANGE							Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/23/2019 7:03:48 PM	45120
Surr: BFB	87.4	73.8-119		%Rec	1	5/23/2019 7:03:48 PM	45120
EPA METHOD 8021B: VOLATILES							Analyst: **NSB**
Benzene	ND	0.024		mg/Kg	1	5/23/2019 7:03:48 PM	45120
Toluene	ND	0.049		mg/Kg	1	5/23/2019 7:03:48 PM	45120
Ethylbenzene	ND	0.049		mg/Kg	1	5/23/2019 7:03:48 PM	45120
Xylenes, Total	ND	0.098		mg/Kg	1	5/23/2019 7:03:48 PM	45120
Surr: 4-Bromofluorobenzene	99.6	80-120		%Rec	1	5/23/2019 7:03:48 PM	45120

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1905A88**
Date Reported: **5/31/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Project: Devon Snapping 2-64 CRP-4193
Lab ID: 1905A88-018 **Matrix:** SOIL

Client Sample ID: AH-9 1 Ft
Collection Date: 5/21/2019 1:35:00 PM
Received Date: 5/22/2019 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: **MRA**
Chloride	ND	59		mg/Kg	20	5/30/2019 1:35:59 PM	45269
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: **TOM**
Diesel Range Organics (DRO)	11	10		mg/Kg	1	5/29/2019 8:49:26 AM	45174
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/29/2019 8:49:26 AM	45174
Surr: DNOP	106	70-130		%Rec	1	5/29/2019 8:49:26 AM	45174
EPA METHOD 8015D: GASOLINE RANGE							Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/23/2019 7:27:06 PM	45120
Surr: BFB	85.7	73.8-119		%Rec	1	5/23/2019 7:27:06 PM	45120
EPA METHOD 8021B: VOLATILES							Analyst: **NSB**
Benzene	ND	0.024		mg/Kg	1	5/23/2019 7:27:06 PM	45120
Toluene	ND	0.049		mg/Kg	1	5/23/2019 7:27:06 PM	45120
Ethylbenzene	ND	0.049		mg/Kg	1	5/23/2019 7:27:06 PM	45120
Xylenes, Total	ND	0.098		mg/Kg	1	5/23/2019 7:27:06 PM	45120
Surr: 4-Bromofluorobenzene	96.8	80-120		%Rec	1	5/23/2019 7:27:06 PM	45120

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1905A88

31-May-19

Client: Safety & Environmental Solutions

Project: Devon Snapping 2-64 CRP-4193

Sample ID: MB-45223	SampType: MBLK	TestCode: EPA Method 300.0: Anions							
Client ID: PBS	Batch ID: 45223	RunNo: 60221							
Prep Date: 5/28/2019	Analysis Date: 5/28/2019	SeqNo: 2034982	Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-45223	SampType: LCS	TestCode: EPA Method 300.0: Anions							
Client ID: LCSS	Batch ID: 45223	RunNo: 60221							
Prep Date: 5/28/2019	Analysis Date: 5/28/2019	SeqNo: 2034983	Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	97.5	90	110			

Sample ID: MB-45236	SampType: mblk	TestCode: EPA Method 300.0: Anions							
Client ID: PBS	Batch ID: 45236	RunNo: 60234							
Prep Date: 5/29/2019	Analysis Date: 5/29/2019	SeqNo: 2035991	Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-45236	SampType: lcs	TestCode: EPA Method 300.0: Anions							
Client ID: LCSS	Batch ID: 45236	RunNo: 60234							
Prep Date: 5/29/2019	Analysis Date: 5/29/2019	SeqNo: 2035992	Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	98.3	90	110			

Sample ID: MB-45269	SampType: MBLK	TestCode: EPA Method 300.0: Anions							
Client ID: PBS	Batch ID: 45269	RunNo: 60279							
Prep Date: 5/30/2019	Analysis Date: 5/30/2019	SeqNo: 2038208	Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-45269	SampType: LCS	TestCode: EPA Method 300.0: Anions							
Client ID: LCSS	Batch ID: 45269	RunNo: 60279							
Prep Date: 5/30/2019	Analysis Date: 5/30/2019	SeqNo: 2038209	Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	99.1	90	110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1905A88

31-May-19

Client: Safety & Environmental Solutions

Project: Devon Snapping 2-64 CRP-4193

Sample ID: **1905A88-018AMSD**	SampType: **MSD**	TestCode: **EPA Method 300.0: Anions**	
Client ID: **AH-9 1 Ft**	Batch ID: **45269**	RunNo: **60279**	
Prep Date: **5/30/2019**	Analysis Date: **5/30/2019**	SeqNo: **2038227**	Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	80	60	30.00	53.95	86.4	54.5	140	1.05	20	

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1905A88
31-May-19

Client: Safety & Environmental Solutions
Project: Devon Snapping 2-64 CRP-4193

Sample ID: MB-45165	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 45165	RunNo: 60188
Prep Date: 5/23/2019	Analysis Date: 5/24/2019	SeqNo: 2032896 Units: mg/Kg

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.4		10.00		94.4	70	130			

Sample ID: LCS-45165	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 45165	RunNo: 60188
Prep Date: 5/23/2019	Analysis Date: 5/24/2019	SeqNo: 2032897 Units: mg/Kg

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	93.1	63.9	124			
Surr: DNOP	4.6		5.000		91.2	70	130			

Sample ID: LCS-45174	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 45174	RunNo: 60193
Prep Date: 5/24/2019	Analysis Date: 5/28/2019	SeqNo: 2033377 Units: mg/Kg

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	55	10	50.00	0	110	63.9	124			
Surr: DNOP	4.8		5.000		96.8	70	130			

Sample ID: MB-45174	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 45174	RunNo: 60193
Prep Date: 5/24/2019	Analysis Date: 5/28/2019	SeqNo: 2033378 Units: mg/Kg

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		109	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quantitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1905A88

31-May-19

Client: Safety & Environmental Solutions

Project: Devon Snapping 2-64 CRP-4193

Sample ID: MB-45120	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range
Client ID: PBS	Batch ID: 45120	RunNo: 60126
Prep Date: 5/22/2019	Analysis Date: 5/23/2019	SeqNo: 2030716 Units: mg/Kg

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	880		1000		88.3	73.8	119			

Sample ID: LCS-45120	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range
Client ID: LCSS	Batch ID: 45120	RunNo: 60126
Prep Date: 5/22/2019	Analysis Date: 5/23/2019	SeqNo: 2030717 Units: mg/Kg

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	108	80.1	123			
Surr: BFB	1000		1000		102	73.8	119			

Sample ID: 1905A88-001AMS	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range
Client ID: AH-1 Surface	Batch ID: 45120	RunNo: 60126
Prep Date: 5/22/2019	Analysis Date: 5/23/2019	SeqNo: 2030719 Units: mg/Kg

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	30	5.0	24.85	0	119	69.1	142			
Surr: BFB	1000		994.0		105	73.8	119			

Sample ID: 1905A88-001AMSD	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range
Client ID: AH-1 Surface	Batch ID: 45120	RunNo: 60126
Prep Date: 5/22/2019	Analysis Date: 5/23/2019	SeqNo: 2030720 Units: mg/Kg

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	5.0	24.90	0	118	69.1	142	0.442	20	
Surr: BFB	1000		996.0		100	73.8	119	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1905A88

31-May-19

Client: Safety & Environmental Solutions

Project: Devon Snapping 2-64 CRP-4193

Sample ID: MB-45120	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles
Client ID: PBS	Batch ID: 45120	RunNo: 60126
Prep Date: 5/22/2019	Analysis Date: 5/23/2019	SeqNo: 2030743 Units: mg/Kg

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.98		1.000		98.0	80	120			

Sample ID: LCS-45120	SampType: LCS	TestCode: EPA Method 8021B: Volatiles
Client ID: LCSS	Batch ID: 45120	RunNo: 60126
Prep Date: 5/22/2019	Analysis Date: 5/23/2019	SeqNo: 2030744 Units: mg/Kg

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	1.000	0	110	80	120			
Toluene	1.1	0.050	1.000	0	108	80	120			
Ethylbenzene	1.0	0.050	1.000	0	105	80	120			
Xylenes, Total	3.1	0.10	3.000	0	104	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	80	120			

Sample ID: 1905A88-002AMS	SampType: MS	TestCode: EPA Method 8021B: Volatiles
Client ID: AH-1 1Ft	Batch ID: 45120	RunNo: 60126
Prep Date: 5/22/2019	Analysis Date: 5/23/2019	SeqNo: 2030747 Units: mg/Kg

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.024	0.9775	0	108	63.9	127			
Toluene	1.1	0.049	0.9775	0.008644	111	69.9	131			
Ethylbenzene	1.1	0.049	0.9775	0	115	71	132			
Xylenes, Total	3.4	0.098	2.933	0	115	71.8	131			
Surr: 4-Bromofluorobenzene	0.97		0.9775		99.6	80	120			

Sample ID: 1905A88-002AMSD	SampType: MSD	TestCode: EPA Method 8021B: Volatiles
Client ID: AH-1 1Ft	Batch ID: 45120	RunNo: 60126
Prep Date: 5/22/2019	Analysis Date: 5/23/2019	SeqNo: 2030748 Units: mg/Kg

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	0.9852	0	108	63.9	127	0.693	20	
Toluene	1.1	0.049	0.9852	0.008644	113	69.9	131	2.53	20	
Ethylbenzene	1.2	0.049	0.9852	0	117	71	132	3.32	20	
Xylenes, Total	3.5	0.099	2.956	0	118	71.8	131	3.57	20	
Surr: 4-Bromofluorobenzene	1.0		0.9852		104	80	120	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- D Sample Diluted Due to Matrix
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- P Sample pH Not In Range
- PQL Practical Quantitative Limit
- RL Reporting Limit
- S % Recovery outside of range due to dilution or matrix

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: Safety Env Solutions | Work Order Number: 1906A89 | ReptNo: 1

Received By: Yazmine Garduno 5/22/2019 9:00:00 AM

Completed By: Leah Baca 5/22/2019 9:30:35 AM

Reviewed By: JD 5/22/19

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. VOA vials have zero headspace?	Yes ☐	No ☐	No VOA Vials ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	# of preserved bottles checked for pH: (<2 or >12 unless noted)
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	Adjusted?
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	Checked by: EJM 5/22/19

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: Date:

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	5.8	Good	Yes			

Chain-of-Custody Record

Client: Safety & Environmental Solution

Mailing Address: 703 E. Clinton Hobbs NM 88240

Phone #: 575-397-0510

email or Fax#:

QA/QC Package: ☑ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ NELAP ☐ Other

☐ EDD (Type)

Turn-Around Time: 5 Day Rush ☐ Standard ☐ Rush

Project Name: Deaton Stripping 2-64 IRP-4193

Project #: DEV-19-004

Project Manager: Allen, Bob

Sampler: Josh Young

On Ice: ☑ Yes ☐ No

Sample Temperature: 5.6 °C Tot-5.4°

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel: 505-345-3975 Fax: 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1905858	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F, Cl, NO3, NO2, PO4, SO4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Chloride				Air Bubbles (Y or N)
9/20	0830	S	AH-1 Surface	1	Ice Only	-001	X		X									X				
	0845	S	AH-1 1ft	1		-002																
	0915	S	AH-2 Surface	1		-003																
	0930	S	AH-2 1ft	1		-004																
	0945	S	AH-3 Surface	1		-005																
	1000	S	AH-3 1ft	1		-006																
	1015	S	AH-4 Surface	1		-007																
	1035	S	AH-4 1ft	1		-008																
	1050	S	AH-5 Surface	1		-009																
	1110	S	AH-5 1ft	1		-010																
	1125	S	AH-6 Surface	1		-011																
	1145	S	AH-6 1ft	1		-012	X		X									X				

Date: 9/21 Time: 1500 Relinquished by: Josh Young

Received by: Date: 9/21/19 Time: 1500

Date: 9/21/19 Time: 1900 Relinquished by:

Received by: VIA courier Date: 9/22/19 Time: 0900

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Chain-of-Custody Record

Client: Enterprise & Cimarron Solutions

Mailing Address: 703 E. Clinton Hobbs NM 88240

Phone #: 575-397-0510

email or Fax#:

QA/QC Package:
☑ Standard ☐ Level 4 (Full Validation)

Accreditation
☐ NELAP ☐ Other

☐ EDD (Type)

Turn-Around Time:
5 day Rush
☐ Standard ☐ Rush

Project Name: DeWitt Skipping 2-6H P2RP-4193

Project #: DCV-19-004

Project Manager: Allen, Bob

Sampler: Sosa, Jesus

On Ice: ☒ Yes ☐ No

Sample Temperature: 5.6 +0.2 = 5.8

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No.	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F, Cl, NO_3, NO_2, PO_4, SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Chlorides				Air Bubbles (Y or N)
5/21	1205	S	AH-7 surface	1	Ice	-013	X		X									X				
	1225	S	AH-7 1FT	1		-014																
	1245	S	AH-8 surface	1		-015																
	1300	S	AH-8 1FT	1		-016																
	1315	S	AH-9 surface	1		-017																
5/21	1325	S	AH-9 1FT	1		-018	X	X	X									X				

Relinquished by: Jesus Sosa Date 5/21/19 Time 1500

Received by: Date Time

Relinquished by: Date Time

Received by: Via courier Date 5/22/19 Time 0900

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

June 15, 2020

Bob Allen
Safety & Environmental Solutions
PO Box 1613
Hobbs, NM 88241
TEL: (575) 397-0510
FAX: (575) 393-4388

RE: Devon Snapping 2 State 6H 2RP 4193 OrderNo.: 2006321

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 9 sample(s) on 6/5/2020 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2006321**
Date Reported: **6/15/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Project: Devon Snapping 2 State 6H 2RP 4193
Lab ID: 2006321-001 **Matrix:** SOIL

Client Sample ID: AH-10-H South Surface
Collection Date: 6/3/2020 1:50:00 PM
Received Date: 6/5/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	6/11/2020 2:58:23 PM	53020
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/7/2020 9:25:03 AM	52930
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/7/2020 9:25:03 AM	52930
Surr: DNOP	78.3	55.1-146		%Rec	1	6/7/2020 9:25:03 AM	52930
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/8/2020 5:45:35 PM	52929
Surr: BFB	86.7	66.6-105		%Rec	1	6/8/2020 5:45:35 PM	52929
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	6/8/2020 5:45:35 PM	52929
Toluene	ND	0.050		mg/Kg	1	6/8/2020 5:45:35 PM	52929
Ethylbenzene	ND	0.050		mg/Kg	1	6/8/2020 5:45:35 PM	52929
Xylenes, Total	ND	0.10		mg/Kg	1	6/8/2020 5:45:35 PM	52929
Surr: 4-Bromofluorobenzene	102	80-120		%Rec	1	6/8/2020 5:45:35 PM	52929

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2006321**
Date Reported: **6/15/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Project: Devon Snapping 2 State 6H 2RP 4193
Lab ID: 2006321-002 **Matrix:** SOIL

Client Sample ID: AH-11-H West Surface
Collection Date: 6/3/2020 2:05:00 PM
Received Date: 6/5/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	400	60		mg/Kg	20	6/11/2020 3:35:37 PM	53020
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/7/2020 10:37:57 AM	52930
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/7/2020 10:37:57 AM	52930
Surr: DNOP	65.3	55.1-146		%Rec	1	6/7/2020 10:37:57 AM	52930
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/8/2020 6:09:17 PM	52929
Surr: BFB	84.4	66.6-105		%Rec	1	6/8/2020 6:09:17 PM	52929
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	6/8/2020 6:09:17 PM	52929
Toluene	ND	0.049		mg/Kg	1	6/8/2020 6:09:17 PM	52929
Ethylbenzene	ND	0.049		mg/Kg	1	6/8/2020 6:09:17 PM	52929
Xylenes, Total	ND	0.098		mg/Kg	1	6/8/2020 6:09:17 PM	52929
Surr: 4-Bromofluorobenzene	102	80-120		%Rec	1	6/8/2020 6:09:17 PM	52929

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2006321**
Date Reported: **6/15/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Project: Devon Snapping 2 State 6H 2RP 4193
Lab ID: 2006321-003 **Matrix:** SOIL

Client Sample ID: AH-12-H West Surface
Collection Date: 6/3/2020 2:25:00 PM
Received Date: 6/5/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	1300	60		mg/Kg	20	6/11/2020 5:39:40 PM	53020
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	6/7/2020 11:02:17 AM	52930
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/7/2020 11:02:17 AM	52930
Surr: DNOP	40.8	55.1-146	S	%Rec	1	6/7/2020 11:02:17 AM	52930
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/8/2020 6:32:57 PM	52929
Surr: BFB	84.3	66.6-105		%Rec	1	6/8/2020 6:32:57 PM	52929
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	6/8/2020 6:32:57 PM	52929
Toluene	ND	0.049		mg/Kg	1	6/8/2020 6:32:57 PM	52929
Ethylbenzene	ND	0.049		mg/Kg	1	6/8/2020 6:32:57 PM	52929
Xylenes, Total	ND	0.098		mg/Kg	1	6/8/2020 6:32:57 PM	52929
Surr: 4-Bromofluorobenzene	102	80-120		%Rec	1	6/8/2020 6:32:57 PM	52929

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2006321**
Date Reported: **6/15/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Project: Devon Snapping 2 State 6H 2RP 4193
Lab ID: 2006321-004 **Matrix:** SOIL

Client Sample ID: AH-13-H West Surface
Collection Date: 6/3/2020 2:45:00 PM
Received Date: 6/5/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	440	60		mg/Kg	20	6/11/2020 5:52:04 PM	53020
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/7/2020 11:26:45 AM	52930
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/7/2020 11:26:45 AM	52930
Surr: DNOP	64.1	55.1-146		%Rec	1	6/7/2020 11:26:45 AM	52930
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/8/2020 6:56:38 PM	52929
Surr: BFB	86.0	66.6-105		%Rec	1	6/8/2020 6:56:38 PM	52929
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	6/8/2020 6:56:38 PM	52929
Toluene	ND	0.050		mg/Kg	1	6/8/2020 6:56:38 PM	52929
Ethylbenzene	ND	0.050		mg/Kg	1	6/8/2020 6:56:38 PM	52929
Xylenes, Total	ND	0.099		mg/Kg	1	6/8/2020 6:56:38 PM	52929
Surr: 4-Bromofluorobenzene	104	80-120		%Rec	1	6/8/2020 6:56:38 PM	52929

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2006321**
Date Reported: **6/15/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Project: Devon Snapping 2 State 6H 2RP 4193
Lab ID: 2006321-005 **Matrix:** SOIL

Client Sample ID: AH-14-H West Surface
Collection Date: 6/3/2020 3:00:00 PM
Received Date: 6/5/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	380	60		mg/Kg	20	6/11/2020 6:04:29 PM	53020
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/7/2020 11:51:27 AM	52930
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/7/2020 11:51:27 AM	52930
Surr: DNOP	59.7	55.1-146		%Rec	1	6/7/2020 11:51:27 AM	52930
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/8/2020 7:20:10 PM	52929
Surr: BFB	84.2	66.6-105		%Rec	1	6/8/2020 7:20:10 PM	52929
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	6/8/2020 7:20:10 PM	52929
Toluene	ND	0.050		mg/Kg	1	6/8/2020 7:20:10 PM	52929
Ethylbenzene	ND	0.050		mg/Kg	1	6/8/2020 7:20:10 PM	52929
Xylenes, Total	ND	0.099		mg/Kg	1	6/8/2020 7:20:10 PM	52929
Surr: 4-Bromofluorobenzene	102	80-120		%Rec	1	6/8/2020 7:20:10 PM	52929

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2006321**
Date Reported: **6/15/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Project: Devon Snapping 2 State 6H 2RP 4193
Lab ID: 2006321-006 **Matrix:** SOIL

Client Sample ID: AH-15-H North Surface
Collection Date: 6/3/2020 3:20:00 PM
Received Date: 6/5/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	6/11/2020 6:41:43 PM	53020
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/12/2020 12:11:51 PM	53019
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/12/2020 12:11:51 PM	53019
Surr: DNOP	78.8	55.1-146		%Rec	1	6/12/2020 12:11:51 PM	53019
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/8/2020 7:43:38 PM	52929
Surr: BFB	86.6	66.6-105		%Rec	1	6/8/2020 7:43:38 PM	52929
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	6/8/2020 7:43:38 PM	52929
Toluene	ND	0.050		mg/Kg	1	6/8/2020 7:43:38 PM	52929
Ethylbenzene	ND	0.050		mg/Kg	1	6/8/2020 7:43:38 PM	52929
Xylenes, Total	ND	0.10		mg/Kg	1	6/8/2020 7:43:38 PM	52929
Surr: 4-Bromofluorobenzene	103	80-120		%Rec	1	6/8/2020 7:43:38 PM	52929

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2006321**
Date Reported: **6/15/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Project: Devon Snapping 2 State 6H 2RP 4193
Lab ID: 2006321-007 **Matrix:** SOIL

Client Sample ID: AH-16-H East Surface
Collection Date: 6/3/2020 3:35:00 PM
Received Date: 6/5/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	380	60		mg/Kg	20	6/11/2020 4:12:50 PM	53020
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/7/2020 12:40:13 PM	52930
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/7/2020 12:40:13 PM	52930
Surr: DNOP	78.4	55.1-146		%Rec	1	6/7/2020 12:40:13 PM	52930
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/8/2020 8:07:03 PM	52929
Surr: BFB	82.1	66.6-105		%Rec	1	6/8/2020 8:07:03 PM	52929
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	6/8/2020 8:07:03 PM	52929
Toluene	ND	0.049		mg/Kg	1	6/8/2020 8:07:03 PM	52929
Ethylbenzene	ND	0.049		mg/Kg	1	6/8/2020 8:07:03 PM	52929
Xylenes, Total	ND	0.099		mg/Kg	1	6/8/2020 8:07:03 PM	52929
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	1	6/8/2020 8:07:03 PM	52929

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2006321**
Date Reported: **6/15/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Project: Devon Snapping 2 State 6H 2RP 4193
Lab ID: 2006321-009 **Matrix:** SOIL

Client Sample ID: AH-17-H East Surface
Collection Date: 6/3/2020 3:45:00 PM
Received Date: 6/5/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: **JMT**
Chloride	430	60		mg/Kg	20	6/11/2020 4:37:39 PM	53020
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: **BRM**
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	6/7/2020 1:29:08 PM	52930
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/7/2020 1:29:08 PM	52930
Surr: DNOP	63.3	55.1-146		%Rec	1	6/7/2020 1:29:08 PM	52930
EPA METHOD 8015D: GASOLINE RANGE							Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/8/2020 9:41:33 PM	52929
Surr: BFB	80.6	66.6-105		%Rec	1	6/8/2020 9:41:33 PM	52929
EPA METHOD 8021B: VOLATILES							Analyst: **NSB**
Benzene	ND	0.024		mg/Kg	1	6/8/2020 9:41:33 PM	52929
Toluene	ND	0.049		mg/Kg	1	6/8/2020 9:41:33 PM	52929
Ethylbenzene	ND	0.049		mg/Kg	1	6/8/2020 9:41:33 PM	52929
Xylenes, Total	ND	0.098		mg/Kg	1	6/8/2020 9:41:33 PM	52929
Surr: 4-Bromofluorobenzene	99.1	80-120		%Rec	1	6/8/2020 9:41:33 PM	52929

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2006321**
Date Reported: **6/15/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Project: Devon Snapping 2 State 6H 2RP 4193
Lab ID: 2006321-008 **Matrix:** SOIL

Client Sample ID: AH-18-H East Surface
Collection Date: 6/3/2020 4:00:00 PM
Received Date: 6/5/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	2000	61		mg/Kg	20	6/11/2020 4:25:14 PM	53020
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/7/2020 1:04:40 PM	52930
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/7/2020 1:04:40 PM	52930
Surr: DNOP	97.9	55.1-146		%Rec	1	6/7/2020 1:04:40 PM	52930
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/8/2020 8:30:36 PM	52929
Surr: BFB	85.1	66.6-105		%Rec	1	6/8/2020 8:30:36 PM	52929
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	6/8/2020 8:30:36 PM	52929
Toluene	ND	0.049		mg/Kg	1	6/8/2020 8:30:36 PM	52929
Ethylbenzene	ND	0.049		mg/Kg	1	6/8/2020 8:30:36 PM	52929
Xylenes, Total	ND	0.098		mg/Kg	1	6/8/2020 8:30:36 PM	52929
Surr: 4-Bromofluorobenzene	105	80-120		%Rec	1	6/8/2020 8:30:36 PM	52929

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2006321

15-Jun-20

Client: Safety & Environmental Solutions

Project: Devon Snapping 2 State 6H 2RP 4193

Sample ID: **MB-53020**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **53020**	RunNo: **69566**							
Prep Date: **6/11/2020**	Analysis Date: **6/11/2020**	SeqNo: **2415362**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-53020**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **53020**	RunNo: **69566**							
Prep Date: **6/11/2020**	Analysis Date: **6/11/2020**	SeqNo: **2415363**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.5	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quantitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2006321
15-Jun-20

Client: Safety & Environmental Solutions
Project: Devon Snapping 2 State 6H 2RP 4193

Sample ID: **MB-52930** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **52930** RunNo: **69453**
Prep Date: **6/6/2020** Analysis Date: **6/7/2020** SeqNo: **2409562** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		109	55.1	146			

Sample ID: **LCS-52930** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **52930** RunNo: **69453**
Prep Date: **6/6/2020** Analysis Date: **6/7/2020** SeqNo: **2409563** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	56	10	50.00	0	111	70	130			
Surr: DNOP	5.3		5.000		107	55.1	146			

Sample ID: **2006321-001AMS** SampType: **MS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **AH-10-H South Surf** Batch ID: **52930** RunNo: **69453**
Prep Date: **6/6/2020** Analysis Date: **6/7/2020** SeqNo: **2409565** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	29	9.6	48.03	0	59.6	47.4	136			
Surr: DNOP	2.5		4.803		51.7	55.1	146			S

Sample ID: **2006321-001AMSD** SampType: **MSD** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **AH-10-H South Surf** Batch ID: **52930** RunNo: **69453**
Prep Date: **6/6/2020** Analysis Date: **6/7/2020** SeqNo: **2409566** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	31	9.7	48.54	0	64.6	47.4	136	9.06	43.4	
Surr: DNOP	2.5		4.854		51.7	55.1	146	0	0	S

Sample ID: **LCS-53019** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **53019** RunNo: **69585**
Prep Date: **6/11/2020** Analysis Date: **6/12/2020** SeqNo: **2415665** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	10	50.00	0	102	70	130			
Surr: DNOP	5.2		5.000		104	55.1	146			

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2006321**

15-Jun-20

Client: Safety & Environmental Solutions

Project: Devon Snapping 2 State 6H 2RP 4193

Sample ID: **MB-53019**	SampType: **MBLK**			TestCode: **EPA Method 8015M/D: Diesel Range Organics**						
Client ID: **PBS**	Batch ID: **53019**			RunNo: **69585**						
Prep Date: **6/11/2020**	Analysis Date: **6/12/2020**			SeqNo: **2415666**		Units: **mg/Kg**				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	13		10.00		127	55.1	146			

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2006321
15-Jun-20

Client: Safety & Environmental Solutions
Project: Devon Snapping 2 State 6H 2RP 4193

Sample ID: mb-52929	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range
Client ID: PBS	Batch ID: 52929	RunNo: 69482
Prep Date: 6/6/2020	Analysis Date: 6/8/2020	SeqNo: 2410769 Units: mg/Kg

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	860		1000		86.5	66.6	105			

Sample ID: lcs-52929	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range
Client ID: LCSS	Batch ID: 52929	RunNo: 69482
Prep Date: 6/6/2020	Analysis Date: 6/8/2020	SeqNo: 2410770 Units: mg/Kg

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	88.6	80	120			
Surr: BFB	950		1000		95.3	66.6	105			

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2006321
15-Jun-20

Client: Safety & Environmental Solutions
Project: Devon Snapping 2 State 6H 2RP 4193

Sample ID: **mb-52929** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS** Batch ID: **52929** RunNo: **69482**
Prep Date: **6/6/2020** Analysis Date: **6/8/2020** SeqNo: **2410800** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		104	80	120			

Sample ID: **LCS-52929** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS** Batch ID: **52929** RunNo: **69482**
Prep Date: **6/6/2020** Analysis Date: **6/8/2020** SeqNo: **2410801** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.025	1.000	0	93.6	80	120			
Toluene	0.95	0.050	1.000	0	94.7	80	120			
Ethylbenzene	0.94	0.050	1.000	0	93.9	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.6	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	80	120			

Qualifiers:

*	Value exceeds Maximum Contaminant Level
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quantitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: Safety Env Solutions Work Order Number: 2006321 RcptNo: 1

Received By: Juan Rojas 6/5/2020 9:30:00 AM

Completed By: Desiree Dominguez 6/5/2020 11:06:25 AM

Reviewed By: JR 6/5/20

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: (<2 or >12 unless noted)

Adjusted?

Checked by: EM 6/5/20

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: Date:

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.9	Good	Not Present			
2	0.4	Good	Not Present			

Chain-of-Custody Record

Client: Safety & Environmental Solutions

Mailing Address: 703 E. Clinton Hobbs NM 88240

Phone #: 575-397-0510

email or Fax#:

QA/QC Package:
☑ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☑ Standard ☐ Rush

Project Name: Devon SWD PMG 2 State Com 2RP-4193

Project #: DEV-19-004

Project Manager: Allen, Bob

Sampler: Sean Young

On Ice: ☑ Yes ☐ No

# of Coolers: 1 @ 6.5°C

Cooler Temp (including CF): 2.9-0=2.9 (°C) 0.4-0=0.4

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2006321	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Chloride
6/6/03	1350	S	AH-10-H SOUTH SURFACE	1	Ice	-001	X	X									X
	1405	S	AH-11-H WEST SURFACE	1		-002											
	1425	S	AH-12-H WEST SURFACE	1		-003											
	1445	S	AH-13-H WEST SURFACE	1		-004											
	1500	S	AH-14-H WEST SURFACE	1		-005											
	1520	S	AH-15-H NORTH SURFACE	1		-006											
	1535	S	AH-16-H EAST SURFACE	1		-007											
	1600	S	AH-18-H EAST SURFACE	1		-008											
6/6/03	1545	S	AH-17-H EAST SURFACE	1		-009	X	X									X
						DAD 6/5/20 ~~-010~~											

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
6/6/04	1800	Sean Young			6/4/20	0800
6/4/20	1400			courier	6/5/20	9:30

Remarks:
Bill Devon

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

February 19, 2025

ARMANDO AGUIRRE

Safety & Environmental Solutions

703 East Clinton

Hobbs, NM 88240

RE: SNAPPING 2 ST. 6H

Enclosed are the results of analyses for samples received by the laboratory on 02/13/25 14:37.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
ARMANDO AGUIRRE
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	02/13/2025	Sampling Date:	02/12/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	SNAPPING 2 ST. 6H	Sampling Condition:	Cool & Intact
Project Number:	DEV-19-004	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 1 (H250897-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	ND	1.97	98.3	2.00	0.469	
Toluene*	<0.050	0.050	02/14/2025	ND	2.37	118	2.00	12.5	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.66	133	2.00	18.0	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	8.08	135	6.00	19.3	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**272**	16.0	02/14/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2025	ND	213	107	200	0.269	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	202	101	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane *75.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *80.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
ARMANDO AGUIRRE
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	02/13/2025	Sampling Date:	02/12/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	SNAPPING 2 ST. 6H	Sampling Condition:	Cool & Intact
Project Number:	DEV-19-004	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 2 (H250897-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	ND	1.97	98.3	2.00	0.469	
Toluene*	<0.050	0.050	02/14/2025	ND	2.37	118	2.00	12.5	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.66	133	2.00	18.0	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	8.08	135	6.00	19.3	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**288**	16.0	02/14/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2025	ND	213	107	200	0.269	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	202	101	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane *97.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
ARMANDO AGUIRRE
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	02/13/2025	Sampling Date:	02/12/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	SNAPPING 2 ST. 6H	Sampling Condition:	Cool & Intact
Project Number:	DEV-19-004	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 3 (H250897-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	ND	1.97	98.3	2.00	0.469	
Toluene*	<0.050	0.050	02/14/2025	ND	2.37	118	2.00	12.5	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.66	133	2.00	18.0	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	8.08	135	6.00	19.3	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**432**	16.0	02/14/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2025	ND	213	107	200	0.269	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	202	101	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane *98.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
ARMANDO AGUIRRE
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	02/13/2025	Sampling Date:	02/12/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	SNAPPING 2 ST. 6H	Sampling Condition:	Cool & Intact
Project Number:	DEV-19-004	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 4 (H250897-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	ND	1.97	98.3	2.00	0.469	
Toluene*	<0.050	0.050	02/14/2025	ND	2.37	118	2.00	12.5	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.66	133	2.00	18.0	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	8.08	135	6.00	19.3	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	02/14/2025	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2025	ND	213	107	200	0.269	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	202	101	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane *86.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.4 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
ARMANDO AGUIRRE
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	02/13/2025	Sampling Date:	02/12/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	SNAPPING 2 ST. 6H	Sampling Condition:	Cool & Intact
Project Number:	DEV-19-004	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 5 (H250897-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	ND	1.97	98.3	2.00	0.469	
Toluene*	<0.050	0.050	02/14/2025	ND	2.37	118	2.00	12.5	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.66	133	2.00	18.0	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	8.08	135	6.00	19.3	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	02/14/2025	ND	464	116	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2025	ND	213	107	200	0.269	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	202	101	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane *89.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
ARMANDO AGUIRRE
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	02/13/2025	Sampling Date:	02/12/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	SNAPPING 2 ST. 6H	Sampling Condition:	Cool & Intact
Project Number:	DEV-19-004	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 6 (H250897-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	ND	1.97	98.3	2.00	0.469	
Toluene*	<0.050	0.050	02/14/2025	ND	2.37	118	2.00	12.5	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.66	133	2.00	18.0	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	8.08	135	6.00	19.3	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**544**	16.0	02/14/2025	ND	464	116	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2025	ND	213	107	200	0.269	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	202	101	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane *90.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
ARMANDO AGUIRRE
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	02/13/2025	Sampling Date:	02/12/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	SNAPPING 2 ST. 6H	Sampling Condition:	Cool & Intact
Project Number:	DEV-19-004	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 7 (H250897-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	ND	1.97	98.3	2.00	0.469	
Toluene*	<0.050	0.050	02/14/2025	ND	2.37	118	2.00	12.5	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.66	133	2.00	18.0	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	8.08	135	6.00	19.3	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**304**	16.0	02/14/2025	ND	464	116	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2025	ND	191	95.5	200	2.83	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	181	90.7	200	0.401	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane *84.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

Safety & Environmental Solutions
ARMANDO AGUIRRE
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	02/13/2025	Sampling Date:	02/12/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	SNAPPING 2 ST. 6H	Sampling Condition:	Cool & Intact
Project Number:	DEV-19-004	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 8 (H250897-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	ND	1.97	98.3	2.00	0.469	
Toluene*	<0.050	0.050	02/14/2025	ND	2.37	118	2.00	12.5	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.66	133	2.00	18.0	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	8.08	135	6.00	19.3	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**448**	16.0	02/14/2025	ND	464	116	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2025	ND	191	95.5	200	2.83	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	181	90.7	200	0.401	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane *89.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.8 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
ARMANDO AGUIRRE
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	02/13/2025	Sampling Date:	02/12/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	SNAPPING 2 ST. 6H	Sampling Condition:	Cool & Intact
Project Number:	DEV-19-004	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 9 (H250897-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	ND	1.97	98.3	2.00	0.469	
Toluene*	<0.050	0.050	02/14/2025	ND	2.37	118	2.00	12.5	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.66	133	2.00	18.0	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	8.08	135	6.00	19.3	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**448**	16.0	02/14/2025	ND	464	116	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2025	ND	191	95.5	200	2.83	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	181	90.7	200	0.401	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane *97.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *100 %* *49.1-148*

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Analytical Results For:

Safety & Environmental Solutions
ARMANDO AGUIRRE
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	02/13/2025	Sampling Date:	02/12/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	SNAPPING 2 ST. 6H	Sampling Condition:	Cool & Intact
Project Number:	DEV-19-004	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 10 (H250897-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	ND	1.97	98.3	2.00	0.469	
Toluene*	<0.050	0.050	02/14/2025	ND	2.37	118	2.00	12.5	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.66	133	2.00	18.0	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	8.08	135	6.00	19.3	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**288**	16.0	02/14/2025	ND	464	116	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2025	ND	191	95.5	200	2.83	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	181	90.7	200	0.401	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane *94.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.4 %* *49.1-148*

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
ARMANDO AGUIRRE
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	02/13/2025	Sampling Date:	02/12/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	SNAPPING 2 ST. 6H	Sampling Condition:	Cool & Intact
Project Number:	DEV-19-004	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 11 (H250897-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	ND	1.97	98.3	2.00	0.469	
Toluene*	<0.050	0.050	02/14/2025	ND	2.37	118	2.00	12.5	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.66	133	2.00	18.0	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	8.08	135	6.00	19.3	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**288**	16.0	02/14/2025	ND	464	116	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2025	ND	191	95.5	200	2.83	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	181	90.7	200	0.401	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane *87.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.1 %* *49.1-148*

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Analytical Results For:

Safety & Environmental Solutions
ARMANDO AGUIRRE
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	02/13/2025	Sampling Date:	02/12/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	SNAPPING 2 ST. 6H	Sampling Condition:	Cool & Intact
Project Number:	DEV-19-004	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 12 (H250897-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	ND	1.97	98.3	2.00	0.469	
Toluene*	<0.050	0.050	02/14/2025	ND	2.37	118	2.00	12.5	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.66	133	2.00	18.0	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	8.08	135	6.00	19.3	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	02/14/2025	ND	464	116	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2025	ND	191	95.5	200	2.83	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	181	90.7	200	0.401	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane *93.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.6 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
ARMANDO AGUIRRE
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	02/13/2025	Sampling Date:	02/12/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	SNAPPING 2 ST. 6H	Sampling Condition:	Cool & Intact
Project Number:	DEV-19-004	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 13 (H250897-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	ND	2.02	101	2.00	0.988	
Toluene*	<0.050	0.050	02/14/2025	ND	2.18	109	2.00	0.763	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.30	115	2.00	0.389	QM-07
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.78	113	6.00	1.10	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	02/14/2025	ND	464	116	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2025	ND	191	95.5	200	2.83	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	181	90.7	200	0.401	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane *94.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.1 %* *49.1-148*

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
ARMANDO AGUIRRE
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	02/13/2025	Sampling Date:	02/12/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	SNAPPING 2 ST. 6H	Sampling Condition:	Cool & Intact
Project Number:	DEV-19-004	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 14 (H250897-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	ND	2.02	101	2.00	0.988	
Toluene*	<0.050	0.050	02/14/2025	ND	2.18	109	2.00	0.763	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.30	115	2.00	0.389	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.78	113	6.00	1.10	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**224**	16.0	02/14/2025	ND	464	116	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2025	ND	191	95.5	200	2.83	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	181	90.7	200	0.401	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane *91.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.9 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
ARMANDO AGUIRRE
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	02/13/2025	Sampling Date:	02/12/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	SNAPPING 2 ST. 6H	Sampling Condition:	Cool & Intact
Project Number:	DEV-19-004	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 15 (H250897-15)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	ND	2.02	101	2.00	0.988	
Toluene*	<0.050	0.050	02/14/2025	ND	2.18	109	2.00	0.763	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.30	115	2.00	0.389	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.78	113	6.00	1.10	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**320**	16.0	02/14/2025	ND	464	116	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2025	ND	191	95.5	200	2.83	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	181	90.7	200	0.401	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane *87.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.4 %* *49.1-148*

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Analytical Results For:

Safety & Environmental Solutions
ARMANDO AGUIRRE
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	02/13/2025	Sampling Date:	02/12/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	SNAPPING 2 ST. 6H	Sampling Condition:	Cool & Intact
Project Number:	DEV-19-004	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 16 (H250897-16)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	ND	2.02	101	2.00	0.988	
Toluene*	<0.050	0.050	02/14/2025	ND	2.18	109	2.00	0.763	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.30	115	2.00	0.389	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.78	113	6.00	1.10	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	02/14/2025	ND	464	116	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2025	ND	191	95.5	200	2.83	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	181	90.7	200	0.401	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane *92.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.8 %* *49.1-148*

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Analytical Results For:

Safety & Environmental Solutions
ARMANDO AGUIRRE
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	02/13/2025	Sampling Date:	02/12/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	SNAPPING 2 ST. 6H	Sampling Condition:	Cool & Intact
Project Number:	DEV-19-004	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 17 (H250897-17)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	ND	2.02	101	2.00	0.988	
Toluene*	<0.050	0.050	02/14/2025	ND	2.18	109	2.00	0.763	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.30	115	2.00	0.389	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.78	113	6.00	1.10	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	02/14/2025	ND	464	116	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2025	ND	191	95.5	200	2.83	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	181	90.7	200	0.401	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane *85.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.5 %* *49.1-148*

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Analytical Results For:

Safety & Environmental Solutions
ARMANDO AGUIRRE
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	02/13/2025	Sampling Date:	02/12/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	SNAPPING 2 ST. 6H	Sampling Condition:	Cool & Intact
Project Number:	DEV-19-004	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 18 (H250897-18)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	ND	2.02	101	2.00	0.988	
Toluene*	<0.050	0.050	02/14/2025	ND	2.18	109	2.00	0.763	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.30	115	2.00	0.389	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.78	113	6.00	1.10	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	02/14/2025	ND	464	116	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2025	ND	191	95.5	200	2.83	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	181	90.7	200	0.401	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane *90.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.3 %* *49.1-148*

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
ARMANDO AGUIRRE
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	02/13/2025	Sampling Date:	02/12/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	SNAPPING 2 ST. 6H	Sampling Condition:	Cool & Intact
Project Number:	DEV-19-004	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 19 (H250897-19)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	ND	2.02	101	2.00	0.988	
Toluene*	<0.050	0.050	02/14/2025	ND	2.18	109	2.00	0.763	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.30	115	2.00	0.389	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.78	113	6.00	1.10	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**224**	16.0	02/14/2025	ND	464	116	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2025	ND	191	95.5	200	2.83	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	181	90.7	200	0.401	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane *90.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.4 %* *49.1-148*

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Analytical Results For:

Safety & Environmental Solutions
ARMANDO AGUIRRE
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	02/13/2025	Sampling Date:	02/12/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	SNAPPING 2 ST. 6H	Sampling Condition:	Cool & Intact
Project Number:	DEV-19-004	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 20 (H250897-20)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	ND	2.02	101	2.00	0.988	
Toluene*	<0.050	0.050	02/14/2025	ND	2.18	109	2.00	0.763	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.30	115	2.00	0.389	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.78	113	6.00	1.10	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**336**	16.0	02/14/2025	ND	464	116	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2025	ND	191	95.5	200	2.83	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	181	90.7	200	0.401	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane *95.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.0 %* *49.1-148*

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Analytical Results For:

Safety & Environmental Solutions
ARMANDO AGUIRRE
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	02/13/2025	Sampling Date:	02/12/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	SNAPPING 2 ST. 6H	Sampling Condition:	Cool & Intact
Project Number:	DEV-19-004	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 21 (H250897-21)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	ND	2.02	101	2.00	0.988	
Toluene*	<0.050	0.050	02/14/2025	ND	2.18	109	2.00	0.763	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.30	115	2.00	0.389	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.78	113	6.00	1.10	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**224**	16.0	02/14/2025	ND	464	116	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2025	ND	191	95.5	200	2.83	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	181	90.7	200	0.401	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane *75.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *77.8 %* *49.1-148*

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Analytical Results For:

Safety & Environmental Solutions
ARMANDO AGUIRRE
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	02/13/2025	Sampling Date:	02/12/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	SNAPPING 2 ST. 6H	Sampling Condition:	Cool & Intact
Project Number:	DEV-19-004	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 22 (H250897-22)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	ND	2.02	101	2.00	0.988	
Toluene*	<0.050	0.050	02/14/2025	ND	2.18	109	2.00	0.763	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.30	115	2.00	0.389	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.78	113	6.00	1.10	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	02/14/2025	ND	464	116	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2025	ND	191	95.5	200	2.83	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	181	90.7	200	0.401	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane *90.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.8 %* *49.1-148*

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Analytical Results For:

Safety & Environmental Solutions
ARMANDO AGUIRRE
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	02/13/2025	Sampling Date:	02/12/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	SNAPPING 2 ST. 6H	Sampling Condition:	Cool & Intact
Project Number:	DEV-19-004	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 23 (H250897-23)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	ND	2.02	101	2.00	0.988	
Toluene*	<0.050	0.050	02/14/2025	ND	2.18	109	2.00	0.763	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.30	115	2.00	0.389	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.78	113	6.00	1.10	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**400**	16.0	02/14/2025	ND	464	116	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2025	ND	191	95.5	200	2.83	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	181	90.7	200	0.401	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane *90.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.6 %* *49.1-148*

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
ARMANDO AGUIRRE
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	02/13/2025	Sampling Date:	02/12/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	SNAPPING 2 ST. 6H	Sampling Condition:	Cool & Intact
Project Number:	DEV-19-004	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 24 (H250897-24)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	ND	2.02	101	2.00	0.988	
Toluene*	<0.050	0.050	02/14/2025	ND	2.18	109	2.00	0.763	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.30	115	2.00	0.389	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.78	113	6.00	1.10	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	02/14/2025	ND	464	116	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2025	ND	191	95.5	200	2.83	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	181	90.7	200	0.401	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane *82.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.6 %* *49.1-148*

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Analytical Results For:

Safety & Environmental Solutions
ARMANDO AGUIRRE
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	02/13/2025	Sampling Date:	02/12/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	SNAPPING 2 ST. 6H	Sampling Condition:	Cool & Intact
Project Number:	DEV-19-004	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 25 (H250897-25)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	ND	2.02	101	2.00	0.988	
Toluene*	<0.050	0.050	02/14/2025	ND	2.18	109	2.00	0.763	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.30	115	2.00	0.389	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.78	113	6.00	1.10	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**304**	16.0	02/14/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2025	ND	191	95.5	200	2.83	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	181	90.7	200	0.401	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane *88.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.1 %* *49.1-148*

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Analytical Results For:

Safety & Environmental Solutions
ARMANDO AGUIRRE
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	02/13/2025	Sampling Date:	02/12/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	SNAPPING 2 ST. 6H	Sampling Condition:	Cool & Intact
Project Number:	DEV-19-004	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 26 (H250897-26)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	ND	2.02	101	2.00	0.988	
Toluene*	<0.050	0.050	02/14/2025	ND	2.18	109	2.00	0.763	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.30	115	2.00	0.389	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.78	113	6.00	1.10	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**352**	16.0	02/14/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2025	ND	191	95.5	200	2.83	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	181	90.7	200	0.401	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane *90.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.4 %* *49.1-148*

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Analytical Results For:

Safety & Environmental Solutions
ARMANDO AGUIRRE
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	02/13/2025	Sampling Date:	02/12/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	SNAPPING 2 ST. 6H	Sampling Condition:	Cool & Intact
Project Number:	DEV-19-004	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 27 (H250897-27)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	ND	2.02	101	2.00	0.988	
Toluene*	<0.050	0.050	02/14/2025	ND	2.18	109	2.00	0.763	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.30	115	2.00	0.389	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.78	113	6.00	1.10	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**272**	16.0	02/14/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2025	ND	195	97.5	200	2.87	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	170	84.8	200	13.3	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane *102 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *105 %* *49.1-148*

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Analytical Results For:

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ARMANDO AGUIRRE
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	02/13/2025	Sampling Date:	02/12/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	SNAPPING 2 ST. 6H	Sampling Condition:	Cool & Intact
Project Number:	DEV-19-004	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: SW - H1 (H250897-28)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	ND	2.02	101	2.00	0.988	
Toluene*	<0.050	0.050	02/14/2025	ND	2.18	109	2.00	0.763	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.30	115	2.00	0.389	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.78	113	6.00	1.10	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**288**	16.0	02/14/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2025	ND	195	97.5	200	2.87	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	170	84.8	200	13.3	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane *99.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *105 %* *49.1-148*

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Analytical Results For:

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ARMANDO AGUIRRE
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	02/13/2025	Sampling Date:	02/12/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	SNAPPING 2 ST. 6H	Sampling Condition:	Cool & Intact
Project Number:	DEV-19-004	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: SE - H2 (H250897-29)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	ND	2.02	101	2.00	0.988	
Toluene*	<0.050	0.050	02/14/2025	ND	2.18	109	2.00	0.763	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.30	115	2.00	0.389	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.78	113	6.00	1.10	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	02/14/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2025	ND	195	97.5	200	2.87	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	170	84.8	200	13.3	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane *109 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *115 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
ARMANDO AGUIRRE
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	02/13/2025	Sampling Date:	02/12/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	SNAPPING 2 ST. 6H	Sampling Condition:	Cool & Intact
Project Number:	DEV-19-004	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: E - H3 (H250897-30)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	ND	2.02	101	2.00	0.988	
Toluene*	<0.050	0.050	02/14/2025	ND	2.18	109	2.00	0.763	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.30	115	2.00	0.389	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.78	113	6.00	1.10	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**288**	16.0	02/14/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2025	ND	195	97.5	200	2.87	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	170	84.8	200	13.3	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane *105 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *106 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
ARMANDO AGUIRRE
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	02/13/2025	Sampling Date:	02/12/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	SNAPPING 2 ST. 6H	Sampling Condition:	Cool & Intact
Project Number:	DEV-19-004	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: NE - H4 (H250897-31)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	ND	2.02	101	2.00	0.988	
Toluene*	<0.050	0.050	02/14/2025	ND	2.18	109	2.00	0.763	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.30	115	2.00	0.389	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.78	113	6.00	1.10	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	02/14/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2025	ND	195	97.5	200	2.87	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	170	84.8	200	13.3	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *104 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
ARMANDO AGUIRRE
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	02/13/2025	Sampling Date:	02/12/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	SNAPPING 2 ST. 6H	Sampling Condition:	Cool & Intact
Project Number:	DEV-19-004	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: NW - H5 (H250897-32)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	ND	2.02	101	2.00	0.988	
Toluene*	<0.050	0.050	02/14/2025	ND	2.18	109	2.00	0.763	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.30	115	2.00	0.389	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.78	113	6.00	1.10	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**272**	16.0	02/14/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2025	ND	195	97.5	200	2.87	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	170	84.8	200	13.3	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane *102 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *104 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
ARMANDO AGUIRRE
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	02/13/2025	Sampling Date:	02/12/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	SNAPPING 2 ST. 6H	Sampling Condition:	Cool & Intact
Project Number:	DEV-19-004	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: W - H6 (H250897-33)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	ND	2.02	101	2.00	1.53	
Toluene*	<0.050	0.050	02/14/2025	ND	2.11	105	2.00	1.44	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.06	103	2.00	1.14	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.04	101	6.00	0.985	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**336**	16.0	02/14/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2025	ND	195	97.5	200	2.87	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	170	84.8	200	13.3	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane *104 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *108 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS1	Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name:	Safety and Environmental Solutions
Project Manager:	Amaneto Aguirre
Address:	703 East Clinton, PO Box 1613
City:	Hobbs State: NM Zip: 88240
Phone #:	575 397-0510 Fax #: 575 393-4388
Project #:	DEV-19004 Project Owner:
Project Name:	Snapping 2 State #006H
Project Location:	Snapping 2 State #006H
Sampler Name:	Emmer J Romo

BILL TO

P.O. #:	
Company:	DEVON Energy
Attn:	
Address:	
City:	
State:	Zip:
Phone #:	
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING: DATE	TIME	GL	TPH	BTEX
H250897																	
1	CS-1	C				X					X		2-12-25	3:17	X	X	X
2	CS-2	C				X					X			3:22			
3	CS-3	C				X					X			3:28			
4	CS-4	C				X					X			3:33			
5	CS-5	C				X					X			3:38			
6	CS-6	C				X					X			3:44			
7	CS-7	C				X					X			3:49			
8	CS-8	G				X					X			3:52			
9	CS-9	G				X					X			3:55			
10	CS-10	G				X					X			3:58			

Relinquished By: Emma J Romo	Date: 2-13-25 Time: 1437	Received By:	Phone Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	Fax Result: ☐ Yes ☐ No Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other: CF +0.3 #140 1.8°C / 2.1°C	Sample Condition: Cool ☑ Yes ☐ No; Intact ☑ Yes ☐ No	CHECKED BY: (Initials) T.B.	REMARKS: sbabb@sesi-nm.com kywatson@sesi-nm.com aaguirre@sesi-nm.com emmeromo5@icloud.com Your Email:

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name:	Safety and Environmental Solutions	BILL TO	
Project Manager:	Armando Aguirre	P.O. #:	
Address:	703 East Clinton, PO Box 1613	Company:	DEVON Energy
City:	Hobbs State: NM Zip: 88240	Attn:	
Phone #:	575 397-0510 Fax #: 575 393-4388	Address:	
Project #:	DEV 19004 Project Owner:	City:	
Project Name:	Snapping 2 State #006 H	State: Zip:	
Project Location:	Snapping 2 State #006 H	Phone #:	
Sampler Name:	Emmer J Romo	Fax #:	

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	CL	TPH	BTEX
H250897																	
11	CS-11	C				X					X		2-12-25	4:04	X	X	X
12	CS-12	G				X					X			4:07			
13	CS-13	G				X					X			4:10			
14	CS-14	G				X					X			4:13			
15	CS-15	G				X					X			4:15			
16	CS-16	G				X					X			4:18			
17	CS-17	G				X					X			4:23			
18	CS-18	G				X					X			4:26			
19	CS-19	G				X					X			4:28			
20	CS-20	G				X					X			4:31			

Relinquished By: Emmer J Romo	Date: 2-13-25 Time: 1737	Received By:	
Relinquished By:	Date: 2/13/25 Time:	Received By:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	CF +0.3°C #140 1.8°C / 2.1°C	Sample Condition: Cool: Yes / No; Intact: Yes / No	CHECKED BY: (Initials)

Phone Result: ☐ Yes ☐ No Add'l Phone #:
Fax Result: ☐ Yes ☐ No Add'l Fax #:
REMARKS:
sbabb@sesi-nm.com
kywatson@sesi-nm.com
aaguirre@sesi-nm.com
emmerromo5@icloud.com
Your Email:

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name:	Safety and Environmental Solutions
Project Manager:	Armando Aguirre
Address:	703 East Clinton, PO Box 1613
City:	Hobbs State: NM Zip: 88240
Phone #:	575 397-0510 Fax #: 575 393-4388
Project #:	DEV-19004 Project Owner:
Project Name:	Snapping 2 State #006 H
Project Location:	Snapping 2 State #006 H
Sampler Name:	Emmer J Romo

BILL TO

P.O. #:	
Company:	DEVon Energy
Attn:	
Address:	
City:	
State:	Zip:
Phone #:	
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING: DATE	TIME	CL	TPH	BTEX
H250897																	
21	CS-21	C				X					X		2-12-25	4:36	X	X	X
22	CS-22	G				X					X			4:38			
23	CS-23	G				X					X			4:41			
24	CS-24	G				X					X			4:44			
25	CS-25	G				X					X			4:46			
26	CS-26	G				X					X			4:48			
27	CS-27	C				X					X			4:53			

Relinquished By:	Date: 2-13-25	Received By:	
Emmer J Romo	Time: 1437	Tamara Oldaker	
Relinquished By:	Date:	Received By:	
	Time:		
Delivered By: (Circle One)		Sample Condition: Cool ☑ Yes ☐ No; Intact ☑ Yes ☐ No	CHECKED BY: (Initials)
Sampler - UPS - Bus - Other:	CF 0.3c #140 1.8c / 2.1c		

Phone Result: ☐ Yes ☐ No Add'l Phone #:
Fax Result: ☐ Yes ☐ No Add'l Fax #:
REMARKS:
sbabb@sesi-nm.com
kywatson@sesi-nm.com
aaguirre@sesi-nm.com
emmerromo5@icloud.com
Your Email:

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name:	Safety and Environmental Solutions
Project Manager	Armando Aguirre
Address:	703 East Clinton, PO Box 1613
City:	Hobbs State: NM Zip: 88240
Phone #:	575 397-0510 Fax #: 575 393-4388
Project #:	DEV-19004 Project Owner:
Project Name:	Snapping 2 State #006H
Project Location:	Snapping 2 State #006H
Sampler Name:	Emmer J Romo

BILL TO

P.O. #:	
Company:	DEVON Energy
Attn:	
Address:	
City:	
State:	Zip:
Phone #:	
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	CL	TPH	BTEX
H250897																	
28	SW-H1					X					X		2-12-25	4:59	✓	✓	✓
29	SE-H2					X					X			5:04			
30	E-H3					X					X			5:09			
31	NE-H4					X					X			5:15			
32	NW-H5					X					X			5:20			
33	W-H6					X					X			5:26			

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date: 2-13-25	Received By:	Phone Result: ☐ Yes ☐ No Add'l Phone #:
Emmer J Romo	Time: 1437	Tamara Oldaker	Fax Result: ☐ Yes ☐ No Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS: sbabb@sesi-nm.com kywatson@sesi-nm.com aaguirre@sesi-nm.com emmerromo5@icloud.com
	Time:		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	CF#0.3c #140 1.8c/2.1c	Sample Condition: Cool ☐ Yes ☐ No; Intact ☑ Yes ☐ No	CHECKED BY: (Initials) TO

Your Email:

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

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

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Devon Energy Production Company	**Contact** Matt Nettles, Production Foreman
Address 6488 Seven Rivers Hwy Artesia, NM 88210	**Telephone No.** 575-513-5767
Facility Name Snapping 2 State 6H	**Facility Type** Oil

Surface Owner State	**Mineral Owner** State	**API No** 30-015-39162

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
O	2	26S	31E	330'	FSL	2260'	FEL	Eddy

Latitude: 32.0657692 **Longitude:** -103.7476044

NATURE OF RELEASE

Type of Release Produced Water	**Volume of Release** 10bbls	**Volume Recovered** 8bbls
Source of Release Heater Treater	**Date and Hour of Occurrence** April 16, 2016 @ 10:58 AM	**Date and Hour of Discovery** April 16, 2017 @ 10:58 AM
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	**If YES, To Whom?** Mike Bratcher, OCD	
By Whom? Matt Nettles, Production Foreman	**Date and Hour** April 16, 2017 @ 12:11 PM	
Was a Watercourse Reached? ☐ Yes ☒ No	**If YES, Volume Impacting the Watercourse** N/A	

If a Watercourse was Impacted, Describe Fully.*
N/A

Describe Cause of Problem and Remedial Action Taken.*
Heater treater drain on dump was open and the plug was on the ground. The sample port on the dump was immediately closed to stop the release. The plug has been replaced and the heater treater is back in service.

Describe Area Affected and Cleanup Action Taken.*
Approximately 10bbls oil was released onto location originating from the heater treater and traveling in a Southern direction on location. Approximate size of spill is 50' long x 10' wide. All fluid remained on location. A vacuum truck was dispatched and recovered approximately 8bbls oil from location. An environmental contractor will be contacted to assist with remediation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: *Sheila Fisher*	OIL CONSERVATION DIVISION	
Printed Name: Sheila Fisher	Approved by Environmental Specialist:	
Title: **Field Admin Support**	Approval Date:	Expiration Date:
E-mail Address: **Sheila.fisher@dvn.com**	Conditions of Approval:	Attached ☐
Date: **4/18/17** Phone: **575.748.1829**		

* Attach Additional Sheets If Necessary

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature:_____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

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

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

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

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

☐ Extents of contamination must be fully delineated.

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

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Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

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	
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: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

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: _____ Date: _____

Printed Name: _____ Title: _____

Sante Fe Main Office
Phone: (505) 476-3441

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

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 441808
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAB1712152502**
Incident Name	**NAB1712152502 SNAPPING 2 STATE #006H @ 30-015-39162**
Incident Type	**Oil Release**
Incident Status	**Remediation Closure Report Received**
Incident Well	**[30-015-39162] SNAPPING 2 STATE #006H**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	SNAPPING 2 STATE #006H
Date Release Discovered	04/16/2017
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Treating Tower | Produced Water | Released: 10 BBL | Recovered: 8 BBL | Lost: 2 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 441808
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**No**
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

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	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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.

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 03/12/2025

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 441808
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission		Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.		
Have the lateral and vertical extents of contamination been fully delineated		Yes
Was this release entirely contained within a lined containment area		No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride	(EPA 300.0 or SM4500 Cl B)	2400
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	186
GRO+DRO	(EPA SW-846 Method 8015M)	47
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence		10/01/2024
On what date will (or did) the final sampling or liner inspection occur		02/12/2025
On what date will (or was) the remediation complete(d)		03/01/2025
What is the estimated surface area (in square feet) that will be reclaimed		5700
What is the estimated volume (in cubic yards) that will be reclaimed		211
What is the estimated surface area (in square feet) that will be remediated		5700
What is the estimated volume (in cubic yards) that will be remediated		211
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.		

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 441808
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510]
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
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.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 03/12/2025
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 441808
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only *Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.*	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS (continued)

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	Action Number: 441808
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**430155**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**02/12/2025**
What was the (estimated) number of samples that were to be gathered	**33**
What was the sampling surface area in square feet	**5700**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	5700
What was the total volume (cubic yards) remediated	211
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	5700
What was the total volume (in cubic yards) reclaimed	211
Summarize any additional remediation activities not included by answers (above)	Site remediated to closure standards. Reclamation report to follow remediation closure approval.

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 (in .pdf format) 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.

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.

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 03/12/2025

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 441808
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
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CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	3/18/2025
michael.buchanan	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	3/18/2025
michael.buchanan	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	3/18/2025
michael.buchanan	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	3/18/2025
michael.buchanan	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	3/18/2025