Page 6

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 to	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 OD	C 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 comple and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and re- human health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the co- accordance with 19.15.29.13 NMAC including notification to the O	ete to the best of my knowledge and understand that pursuant to OCD rules in release notifications and perform corrective actions for releases which f a C-141 report by the OCD does not relieve the operator of liability mediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in DCD when reclamation and re-vegetation are complete.		
Printed Name:	Title:		
Signature: Dale Woodall	Date:5/23/2023		
email:	Telephone:		
OCD Only			
Received by: <u>Robert Hamlet</u>	Date: $10/16/2023$		
Closure approval by the OCD does not relieve the responsible party remediate contamination that poses a threat to groundwater, surface party of compliance with any other federal, state, or local laws and	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible /or regulations.		
Closure Approved by: <u><i>Robert Hamlet</i></u>	Date: <u>10/16/2023</u>		
Printed Name: Robert Hamlet	Title: Environmental Specialist - Advanced		

Received by OCD: 5/23/2023 8:02:04 AM Form C-141 State of New Mexico

Page 3

Oil Conservation Division

Incident ID	NAB1801849148
District RP	2RP-4569
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Site Assessment/Characterization

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

	0001
What is the shallowest depth to groundwater beneath the area affected by the release?	<u>300'</u> (ft bgs)
Did this release impact groundwater or surface water?	🗌 Yes 🔳 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🔳 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗌 Yes 🔳 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🔳 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🗌 Yes 🔳 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🔳 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🔳 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🔳 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🔳 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🔳 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🔳 No
Did the release impact areas not on an exploration, development, production, or storage site?	🗌 Yes 🔳 No

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

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

Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
Field data
Data table of soil contaminant concentration data
Depth to water determination
Determination of water sources and significant watercourses within 1/2-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.

eceived by OCD: 5/23/20	023 8:02:04 AM State of New Me	xico		Page 3
		· · ·	Incident ID	NAB1801849148
ige 4	Oil Conservation Di	1V1S10N	District RP	2RP-4569
			Facility ID	
			Application ID	
public health or the environ failed to adequately investig addition, OCD acceptance and/or regulations. Printed Name: Dale	ument. The acceptance of a C-141 repo gate and remediate contamination that p of a C-141 report does not relieve the o Woodall	bort by the OCD does not relieve the pose a threat to groundwater, surface perator of responsibility for comp Title: Environi Date: 5/23/2023	e operator of liability sh ace water, human health liance with any other fe mental Profes	ould their operations have or the environment. In deral, state, or local laws SSIONAL
email. Dale.Wood	dall@dvn.com	Telephone: 575.	748.1838	
OCD Only Received by:JC	celyn Harimon	Date: 05	5/23/2023	

Received by OCD: 5/23/2023 8:02:04 AM Form C-141 State of New Mexico

Oil Conservation Division

Incident ID	NAB1801849148
District RP	2RP-4569
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 co	nfirmed as part of any request for deferral of remediation.			
Contamination must be in areas immediately under or around p deconstruction.	roduction equipment where remediation could cause a major facility			
Extents of contamination must be fully delineated.				
Contamination does not cause an imminent risk to human healt	h, the environment, or groundwater.			
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.				
Signature: Dale Woodall				
email: Dale.Woodall@dvn.com	Telephone: 575.748.1838			
OCD Only				
Received by: Jocelyn Harimon	Date:05/23/2023			
Approved Approved with Attached Conditions of	Approval Denied Deferral Approved			
Signature:	Date:			

Page 6

Oil Conservation Division

Incident ID	NAB1801849148
District RP	2RP-4569
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 a	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 must be notified 2 days prior to liner inspection)	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 OD	C 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 complet and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and re- human health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the co- accordance with 19.15.29.13 NMAC including notification to the OP Printed Name: Dale Woodall	ete to the best of my knowledge and understand that pursuant to OCD rules in release notifications and perform corrective actions for releases which f a C-141 report by the OCD does not relieve the operator of liability mediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete. Title: Environmental Professional				
Signature: Dala Woodall	Date:5/23/2023				
email: Dale.Woodall@dvn.com	Telephone: 575.748.1838				
<u>OCD Only</u>					
Received by: Jocelyn Harimon	Date:05/23/2023				
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:				

Devon Energy

Snapping 2 State 6 & 7 Battery

Section 2, Township 26S, Range 31E Eddy County, New Mexico

> CLOSURE REPORT NAB1801849148

August 5, 2021 Amended May 12, 2023



Prepared for: Devon Energy Production Company 6488 Seven Rivers Highway Artesia, NM 88210

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

Company Contacts

Representative	Company	Telephone	E-mail
Dale Woodall	Devon Energy	575-748-1838	Dale.Woodall@dvn.com
Bob Allen	SESI	575-397-0510	ballen@sesi-nm.com

Background

Safety and Environmental Solutions, Inc., hereinafter referred to as (SESI) was engaged by Devon Energy to perform a site assessment at the Snapping 2 State 6 & 7 battery concerning a release on the location. The release occurred on December 31, 2017, with a produced water release volume of 52 bbls. A vacuum truck was dispatched and recovered 52 bbls of fluid. This release was assigned RP number 2RP-4569 and incident number NAB1801849148. All fluids released remained inside the containment. This site is situated in Eddy County, Section 2, Township 26S, and Range 31E.

SESI personnel performed an assessment of the tank battery liner in December of 2020 at the request of the operator. SESI photo documented the liner inspection and observed several defects in the liner. Repair of those defects was conducted and documented within this attached report.

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 by two wells within a half mile of the release that are less than 25 years old. The well files are in this report and are 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 on the adjacent location to the West of the Snapping 2 State 6 and 7.

Characterization

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 m// TDS				
	Chloride***	EPA 300.0 or SM4500 CI B	600 mg/kg	
	ТРН	EPA SW-846		
<u><</u> 50 feet	(GRO+DRO+MRO)	Method 8015M	TUU mg/kg	
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg	
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg	
	Chloride***	EPA 300.0 or SM4500 CI B	10,000 mg/kg	
E1 feet 100 feet	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg	
51 leet-100 leet	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	
	Chloride***	EPA 300.0 or SM4500 CI B	20,000 mg/kg	
	TPH	FDA SW 946 Method 9015M		
>100 foot	(GRO+DRO+MRO)	EFA SW-846 Method 8015M	2,500 mg/kg	
>100 leet	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	

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**								

*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]

The absence of groundwater above 55' bgs in POD Number C-4637 changes the contaminate target requirement to 10,000 ppm Chlorides, and 2,500 ppm TPH.

Release Area (NAB1801849148, 2RP-4569), Investigation:

According to the C-141 for this release, all fluids remained in the containment, and were recovered by vacuum truck. As previously mentioned, a linier inspection has been performed in December 2020. On March 3, 2021, SESI personnel identified and repaired the nine breaches in the liner. The holes in the liner were repaired without sampling below the liner to determine if any contaminates had migrated into the soil below the liner.

Corrective Action

On March 9, 2023, SESI collected soil samples below the liner in the locations repaired in March 2021. After the samples were taken, the liner was repaired. Samples were taken at the surface and 1-foot intervals until field testing indicated the samples to meet target levels. For liner samples #3 through #9, auger refusal was encountered at a depth of 5 and 8 inches, resulting in the collection of only surface soil samples immediately under the liner. Photo documentation is provided for your review.

All soil samples were properly packaged, preserved, and transported to Hall Laboratories via Chain of Custody for analyses of Chloride (CI Method 300.0), Diesel Organics (DRO Method 8015 M/D), Gasoline Range (GRO Method 8015D), Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX Method 8021B). The results are tabulated in the table below:

	Devon –Snapping 2 State 6 & & Battery												
	Sampling Date: 03/09/2023												
Soil Sample Results: Hall Environmental Analysis Laboratory (2303643)													
Sample ID	Chloride (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylenes, Total (mg/Kg)	GRO (mg/Kg)	DRO (mg/Kg)	MRO (mg/Kg)					
Liner #1 Surface	ND	ND	ND	ND	ND	ND	110	210					
Liner #1 1'	ND	ND	ND	ND	ND	ND	29	60					
Liner #2 Surface	ND	ND	ND	ND	ND	ND	110	160					
Liner #2 1'	320	ND	ND	ND	ND	ND	ND	ND					
Liner #3 Surface	2700	ND	ND	ND	ND	ND	16	ND					
Liner #4 Surface	460	ND	ND	ND	ND	ND	220	300					
Liner #5 Surface	820	ND	ND	ND	ND	ND	ND	ND					
Liner #6 Surface	87	ND	ND	ND	ND	ND	120	170					
Liner #7 Surface	ND	ND	ND	ND	ND	ND	25	45					
Liner #8 Surface	ND	ND	ND	ND	ND	ND	ND	ND					
Liner #9 Surface	310	ND	ND	ND	ND	ND	670	900					

The results of the sampling below the liner performed on March 9, 2023, even in the areas where auger refusal was encountered, are all below the contaminant target range determined after the installation of POD Number C-4637. Devon respectfully requests that any contamination underneath the liner be deferred until closure of the battery.

Supplemental Documentation

- Document 1: Vicinity Map
- Document 2: OSE Information
- Document 3: NMOCD Oil and Gas Map
- Document 4: BLM Cave Karst Map
- Document 5: FEMA Floodplain Map
- Document 6: Photographs of compromised areas and repairs
- Document 7: Lab Analysis
- Document 8: C-141 initial, final



SNAPPING 6&7

232.0658917,-103.74916



Devon Snapping 2 State 6,7,8

AH12

NA under

AF

Sample Point 3 X X Sample Point 2

AHI AHI

SP6

Sample Point 4

AHN5-H

and the

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(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)	(R=POD has been replaced, O=orphaned, C=the file is closed)		OD has been ced, phaned, e file is (quarters are 1=NW 2=NE 3=SW 4=SE) d) (quarters are smallest to largest) (NAD83 U						• 3 UTM in meters) (In feet)					
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<u>C 02090</u>		С	ED		4	4	01	268	31E	620329	3548533* 🛑	350	335	15
<u>C 02248</u>		CUB	ED	1	2	3	08	26S	31E	612942	3547316* 🌍	300	292	8
<u>C 02249</u>		CUB	ED	1	2	3	08	26S	31E	612942	3547316* 🍯	300	292	8
<u>C 03554 POD1</u>		CUB	ED	2	1	4	01	26S	31E	620547	3549148 🥘	630	300	330
<u>C 03639 POD1</u>		CUB	ED	3	4	2	01	26S	31E	620168	3549279 🦲	700	365	335
<u>C 04256 POD1</u>		С	ED	4	4	2	01	26S	31E	620384	3549257 🌍	666	340	326
											Average Depth t	o Water:	317 feet	t
											Minimu	ım Depth:	292 feet	t
											Maximu	m Depth:	365 feet	t
Record Count: 7											Maximu	m Depth:	365 feet	t

*UTM location was derived from PLSS - see Help

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

4/11/19 7:25 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



New Mexico Office of the State Engineer Point of Diversion Summary

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10/01/	/2014	2014		43114	А	F	RPT								4.744
12/31/	/2014	2014		54047	А	F	RРТ								3.355
02/01/	/2015	2015		55287	А	F	RPT								0.381
03/02/	/2015	2015		56670	А	F	RPT								0.424
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04/30/	/2015	2015		65590	А	F	RPT								1.611
05/31/	/2015	2015		71252	А	F	RPT								1.738
07/01/	/2015	2015		74451	А	F	RPT								0.982
08/01/	/2015	2015		77975	А	F	RPT								1.081
08/31/	/2015	2015		82253	А	F	RРТ								1.313
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The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

1/13/21 12:50 PM

POINT OF DIVERSION SUMMARY

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New Mexico Office of the State Engineer Point of Diversion Summary

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

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POINT OF DIVERSION SUMMARY

August 4, 2022

2904 W 2nd 9 Notwell, NM 55201 Volce, 5/5 524 2420 fax 575 524 2420 www.attanseng.com

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,

Gran Middle

Lucas Middleton Enclosures: as noted above

TSE DE PEG 8 2022 MAURA 3

UNI 35 0.48202 -4322



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

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NELLIN	WELL OWNERS 6488 7 Rivers	Hwy	ADDRESS					crry Artesia			STATE NM	88210	ZIP		
RAL AND 1	WELL LOCATION (FROM GPS)	LA	Di ITTUDI:	BOREES 32	SCINETION 3	SECOND 57.21	5 N	* ALLURACY REQUIRED: ONE TENTH OF A SECOND							
1. GENE	DESCRIPTION #	ELATEN	SOFUDE SO WELL LOCATION TO SS R31S NMPM	D STREET AD	TT DUESS AND COMMO	N LANDHAR	W KS PL	SS (SECTION, TO	WNSHIP,	RANGE) WIT	ERE AVAI	LABLE			
_	LICENSE NO. 1249		NAME OF LICENSEE	DRILLER.	Jackie D. Atkim	8			NAME O	¥ WELL D&I Atkins Engi	LLING CO	MPANY Associates, I	DF,		
	0801.080 STAR 6/15/2023	reis 2	DRILLING ENDED 6/15/2022	DEPTH OF C	completen with o comporary Well	PT) (P	OBE HO	le depth (FT) ±51	DEPTH	WATER FIRS	T ENCOLI N/A	(דיק) בבווננוזא	8		
z	COMPLETED WI	4.1.18:	T ARTESIAN	Z DRY IS	INED)	STATIC WATER LEVEL IN COMPLETED WELL N/A 6/15/2022.7/19/2									
OLLY	DBILLING PLUID	e?	T AB.	MLD	ADOLTI	VES SPECIF	Y.	p. 4	_		1.00	27 AG1 200 BJ	60.02020. 		
RM	DRELING METH	0D. [ROTARY 🗌 HAM	MER 🗌 CA	SEE YOOL 🔽 ON	DR - SPECIF	y: J	Hollow Stem	Auger	CHECK I INSTALL	HERE IF P.	ITLESS ADAL	TER IS		
SING LNFG	DEPTH (fee FROM	t hgl) TO	BORE HOLE DIAM (inches)	CASDN (includ	G MATERIAL AND GRADE	D-018	C. CON	ASING NECTION TYPE	CA INSID	SING E DIAM.	CASIN THIC	CASING WALL THICKNESS (inches)			
IG & CA	0	55	46.5	801	Boring-HSA	(ing dianetes) -	(+	-				
2. DRILLE															
	DEPTH (feet	bgl)	BORE HOLE	ľ	JST ANNULAR S	EAL MATE	RIAL A	AND	A	MOUNT	T	METHOD OF			
INATERIAL	FROM	то	DIAM. (inches)	GR	AVEL PACK SIZE	-RANGE B	Y INTE	RVAL	(6	ubic fort)		PLACEN	ENT		
ANNULAR															
FOR	OSE INTERNAL	USE	-					WR-20	WELL)	RECORD &	LOG (V	ersion 01/28	62022)		
FILE	NO. C-OY	637	-PODI	4 2	POD NO	2 1	- 1	TRN N	10. 77	26494	Concernance of the		OT A		
and a	603	1.0	1-1-1-	1. 3.				WELL TAG IT	NO	-		PAGE	UF2		

WELL TAG ID NO.

	DEPTH (S	wi hgl)	- ware carter	COLOR AND TYPE OF MATER	AL ENCOUNTERED -	ar.	TED	ESTIMATED
	FROM	то	THICKNESS (feet)	INCLUDE WATER-BEARING CAVIT (attach supplemental sheets to f	IES OR FRACTURE ZON ully describe all units)	ES BEA (YES	RING? I / NO)	WATER- BEARING ZONES (gpm
	0	39	39	Sand, Medium' Fine grained, poo	uty graded, Tan brown	Y	√ N	
	39	55	ló	Sand, Modium/ Fine grained, poorly	y graded, Reddish Brown	Y	√ N	
						Y	N	
						Y	N	
						Y	N	
ŧ.						Y	N	
						Y	N	
5						Ŷ	N	
3						Y	N	-
						Y	N	
3	-					Y	N	
3						Y	И	
2						Y	N	
Ē						Y	N	
•						Y	N	
						Y	N	
						Y	N	
						Y	N	
		-				Y	N	
						Y	N	
						Y	N	
	METHOD US	ED TO E	STIMATE YIELD	OF WATER-BEARING STRATA BAILER OTHER – SPECIFY:		WELL YIEL	MATED D (gpm):	0.00
	WELL TEST	TEST	RESULTS - ATT/ CTTIME, END TH	CH A COPY OF DATA COLLECTED DU ILE, AND A TABLE SHOWING DISCHARG	RING WELL TESTING, IN IE AND DRAWDOWN OV	CLUDING DIS	HARGE I	METHOD, XD.
IS NIN OUT DRAVING	MISCELLAN	EOUS IN	FORMATION: Te bel	nporary well material removed and soil ow ground surface(bgs), then hydrated b	boring backfilled using e entonite chips ten feet b	Irill cuttings fro gs to surface.	en total d	epth to ten fee
	PRINT NAM Shane Eldrid	E(S) OF D ge, Came	RILL RIG SUPER ron Pruitt	VISOR(S) THAT PROVIDED ONSITE SUP	FRVISION OF WELL CO	NSTRUCTION (OTHER TH	IAN LICENSEI
-	THE UNDER CORRECT R AND THE PI	SIGNED ECORD C RMIT HO	HEREBY CERTIF OF THE ABOVE D OLDER WITHIN 30	ES THAT, TO THE BEST OF HIS OR HEJ ESCRIBED HOLE AND THAT HE OR SHI DAYS AFTER COMPLETION OF WELL	R KNOWLEDGE AND BE WILL FILE THIS WELL DRILLING:	LIEF, THE FOR RECORD WITH	EGOING 1 1 THE ST.	IS A TRUE AN ATE ENGINEE
	Jack AD	kiya.		Jackie D. Atkins		8/4	/2022	
		SIGNAT	TURE OF DRILLER	R / PRINT SIGNEE NAME			DATE	
	OSE INTERN	AT DEP			11-TD - 20 11-		100.02	nim 01/22/202
e¥.	A Optimited a	ALCOSE			WR-20 W	CLL RECORD &	100140	CHOID 01/24/202
0	ENO. C-D	1127		POD NO.	TRN NO.	771.49	4	



Wells - Large Scale	*	CO2, Temporarily Abandoned	ø	Injection, Active	۰	Oil, Cancelled	۵	Salt Water Injection, New
* undefined	¢	Gas, Active	ø	Injection, Cancelled	•	Oil, New	۵	Salt Water Injection, Plugged
Miscellaneous	ø	Gas, Cancelled	ø	Injection, New	•	Oil, Plugged	۵	Salt Water Injection, Temporarily Abandoned
* CO2, Active	ø	Gas, New	ø	Injection, Plugged	•	Oil, Temporarily Abandoned	٠	Water, Active
* CO2, Cancelled	ø	Gas, Plugged	ø	Injection, Temporarily Abandoned	۵	Salt Water Injection, Active	á	Water, Cancelled
CO2, New	ø	Gas, Temporarily Abandoned	•	Oil, Active	۵	Salt Water Injection, Cancelled	٠	Water, New
* CO2, Plugged								

Released to Imaging: 10/16/2023 9:50:48 AM

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



Received by OCD: 5/23/2023 8:02:04 AM National Flood Hazard Layer FIRMette

103°45'11"W 32°4'13"N

35015C1900D

eff 6/4/2010



Legend

nd

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) Zone A. V. A9 With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS **Regulatory Floodway** 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 OTHER AREAS OF Area with Flood Risk due to Levee Zone D FLOOD HAZARD NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D - — – – Channel, Culvert, or Storm Sewer GENERAL STRUCTURES LIIII Levee, Dike, or Floodwall B 20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation Coastal Transect Eddy County _ _ ക Base Flood Elevation Line (BFE) 350120 Limit of Study Jurisdiction Boundary --- Coastal Transect Baseline OTHER **Profile Baseline** 35015C1925D FEATURES Hydrographic Feature eff. 6/4/2010 **Digital Data Available** No Digital Data Available MAP PANELS Unmapped ٠ 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,

Release The Imaging: 10/16/2023 9.50:48 AM 1,500 2,000

1:6,000

103°44'34"W 32°3'43"N FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for

regulatory purposes.

legend, scale bar, map creation date, community identifiers,



Initial release photo 1



Initial release photo 2





Initial release photo 4



4	





Northeast looking South inside view of containment



Northeast looking South outside view of containment







Northwest looking South inside view of containment



Northwest looking South outside view of containment





Southeast corner looking North







Southwest corner facing North outside



Southwest corner facing North inside



South side facing North inside



South side facing North inside





Southeast corner facing West inside



Southeast corner facing North outside



Southeast corner facing North inside



East side facing West inside



East side facing West inside

December 2, 2020



East side facing West inside





East side facing West inside



East side facing West inside

Released to Imaging: 10/16/2023 9:50:48 AM



East side facing West inside



East side facing West inside





Northeast corner facing West inside



Northeast corner facing South soutside



Northeast corner facing South inside



North side facing South inside



North side facing South inside



Northwest corner inside sump



Northwest corner facing East outside



Northwest corner facing East inside



Northwest corner facing South outside



Northwest corner facing South inside



West side facing East inside





West side facing East inside



West side facing East inside



West side facing East inside



West side facing East inside



West side facing East inside



Southwest corner pooling inside



East side tank #1 marked bad tank



Staining from Tank #1



Permanent stain in middle facing Northwest



Stains at bottom of tank #2



Stains at bottom of tanks #3 & #4



Hole in liner marked #1



Hole in liner marked #2



Hole in liner marked #3



<image>





Hole in liner marked #7





Hole in liner marked #9



Hole in liner marked #10
December 2, 2020



March 5, 2021









Released to Imaging: 10/16/2023 9:50:48 AM

March 5, 2021









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Devon, Snapping 2 State 6 & 7 Battery

March 5, 2021







Patch repair-2



Patch repair-3

March 5, 2021



Patch repair-4







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Page 42 of 88

Devon, Snapping 2 State 6 & 7 Battery

March 5, 2021



Patch repair-8





Liner Sample Point #1-facing North



Liner Sample Point #1





Liner Sample Point #2



Liner Sample Point #2-patched



Liner Sample Point #3-facing North



Liner Sample Point #3



Liner Sample Point #3-patched



Liner Sample Point #4 Released to Imaging: 10/16/2023 9:50:48 AM



Liner Sample Point #4-patched



Liner Sample Point #4-facing North



Liner Sample Point #5



Liner Sample Point #5-patched



Liner Sample Point #6 and #7



Liner Sample Point #6 and #7



Liner Sample Point #6 and #7-patched Released to Imaging: 10/16/2023 9:50:48 AM



Liner Sample Point #8



Liner Sample Point #8



Liner Sample Point #8



Liner Sample Point #9



Liner Sample Point #9



Liner Sample Point #9-patched Released to Imaging: 10/16/2023 9:50:48 AM



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

Hall Environmental Analysis Laboratory

TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

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

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Project:

Lab ID:

Analytical Report Lab Order 2006321

Date Reported: 6/15/2020

Hall Environmental Analysis Laboratory, Inc.

Devon Snapping 2 State 6H 2RP 4193

CLIENT: Safety & Environmental Solutions

2006321-001

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 Q	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 ORG	ANICS				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

Matrix: SOIL

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank в
- Е Value above quantitation range
- I Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 1 of 14

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Devon Snapping 2 State 6H 2RP 4193

CLIENT: Safety & Environmental Solutions

2006321-002

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

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	: ЈМТ
Chloride	400	60	mg/Kg	20	6/11/2020 3:35:37 PM	53020
EPA METHOD 8015M/D: DIESEL RANGE ORG/	ANICS				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

Matrix: SOIL

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 Quanitative 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

Page 2 of 14

Analytical Report Lab Order 2006321

Date Reported: 6/15/2020

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Devon Snapping 2 State 6H 2RP 4193

CLIENT: Safety & Environmental Solutions

2006321-003

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

Matrix: SOIL

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 Н
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank в
- Е Value above quantitation range
- I Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 3 of 14

Project:

Lab ID:

Analytical Report Lab Order 2006321

Date Reported: 6/15/2020

Hall Environmental Analysis Laboratory, Inc.

Devon Snapping 2 State 6H 2RP 4193

CLIENT: Safety & Environmental Solutions

2006321-004

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 ORG	ANICS				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

Matrix: SOIL

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative 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

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Analytical Report Lab Order 2006321

Date Reported: 6/15/2020

Hall Environmental Analysis Laboratory, Inc.

Devon Snapping 2 State 6H 2RP 4193

CLIENT: Safety & Environmental Solutions

2006321-005

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	: ЈМТ
Chloride	380	60	mg/Kg	20	6/11/2020 6:04:29 PM	53020
EPA METHOD 8015M/D: DIESEL RANGE ORGA	ANICS				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

Matrix: SOIL

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
- Н
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank в
- Е Value above quantitation range
- T Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 5 of 14

Project:

Lab ID:

Analytical Report Lab Order 2006321

Date Reported: 6/15/2020

Hall Environmental Analysis Laboratory, Inc.

Devon Snapping 2 State 6H 2RP 4193

CLIENT: Safety & Environmental Solutions

2006321-006

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 ORG	ANICS				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

Matrix: SOIL

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
- Н
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank в
- Е Value above quantitation range
- I Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Analytical Report Lab Order 2006321

Date Reported: 6/15/2020

Hall Environmental Analysis Laboratory, Inc.

Devon Snapping 2 State 6H 2RP 4193

CLIENT: Safety & Environmental Solutions

2006321-007

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 ORG	ANICS				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

Matrix: SOIL

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank в
- Е Value above quantitation range
- T Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Analytical Report Lab Order 2006321

Hall Environmental Analysis Laboratory, Inc.

Devon Snapping 2 State 6H 2RP 4193

CLIENT: Safety & Environmental Solutions

2006321-008

Date Reported: 6/15/2020

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 ORG	ANICS				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

Matrix: SOIL

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 Quanitative 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

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Analytical Report Lab Order 2006321

Date Reported: 6/15/2020

Hall Environmental Analysis Laboratory, Inc.

Devon Snapping 2 State 6H 2RP 4193

CLIENT: Safety & Environmental Solutions

2006321-009

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	ЈМТ
Chloride	430	60	mg/Kg	20	6/11/2020 4:37:39 PM	53020
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				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

Matrix: SOIL

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
- Н
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank в
- Е Value above quantitation range
- T Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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QC SUMMARY REPORT

QC SC Hall En	vironmer	ntal Analysis Laborat	tory, Inc.	WO#:	2006321 15-Jun-20
Client: Project:	Safety Devon	& Environmental Solutions 1 Snapping 2 State 6H 2RP 419	03		
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: Ics	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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank в
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Released to Imaging: 10/16/2023 9:50:48 AM

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QC SUMMARY REPORT Hall

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	WO#:	2006321
Environmental Analysis Laboratory, Inc.		15-Jun-20
Safety & Environmental Solutions		

Chem.	Safety & Environi	mental So	lutions								
Project:	Devon Snapping 2	2 State 6H	I 2RP 4193								
Sample ID: MB-52	930 Samı	оТуре: МВ	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics		
Client ID: PBS	Bat	ch ID: 529	930	F	RunNo: 6	9453					
Prep Date: 6/6/20	020 Analysis	Date: 6/	7/2020	5	SeqNo: 24	409562	Units: mg/K	íg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics ((DRO) ND	10									
Motor Oil Range Organio	cs (MRO) ND	50									
Surr: DNOP	11		10.00		109	55.1	146				
Sample ID: LCS-52	2930 Sam	oType: LC	S	Tes	tCode: E	PA Method	8015M/D: Di	esel Range	e Organics		
Client ID: LCSS	Bat	ch ID: 529	930	F	RunNo: 69453						
Prep Date: 6/6/20	020 Analysis	Date: 6/	7/2020	5	SeqNo: 24	409563	Units: mg/k	íg			
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 Bat	ch ID: 529	930	F	Client ID: AH-10-H South Surf Batch ID: 52930 RunNo: 69453						
Prep Date: 6/6/20	020 Analysis	Date: 6/	7/2020	5	SeqNo: 24	409565	Units: mg/k	g			
Prep Date: 6/6/20 Analyte	020 Analysis Result	Date: 6/ PQL	7/2020 SPK value	s SPK Ref Val	SeqNo: 2 ⁄ %REC	409565 LowLimit	Units: mg/K HighLimit	g %RPD	RPDLimit	Qual	
Prep Date: 6/6/20 Analyte Diesel Range Organics (D20 Analysis Result (DRO) 29	Date: 6/7 PQL 9.6	7/2020 SPK value 48.03	SPK Ref Val	SeqNo: 24 %REC 59.6	409565 LowLimit 47.4	Units: mg/K HighLimit 136	′g %RPD	RPDLimit	Qual	
Prep Date: 6/6/20 Analyte Diesel Range Organics (Surr: DNOP	D20 Analysis Result (DRO) 29 2.5	Date: 6/ PQL 9.6	7/2020 SPK value 48.03 4.803	SPK Ref Val	SeqNo: 24 %REC 59.6 51.7	409565 LowLimit 47.4 55.1	Units: mg/K HighLimit 136 146	í g %RPD	RPDLimit	Qual S	
Prep Date: 6/6/20 Analyte Diesel Range Organics (Surr: DNOP Sample ID: 200632	20 Analysis Result (DRO) 29 2.5 21-001AMSD Samp	Date: 6/7 PQL 9.6	7/2020 SPK value 48.03 4.803	SPK Ref Val 0 Tes	SeqNo: 24 %REC 59.6 51.7 tCode: E	409565 LowLimit 47.4 55.1 PA Method	Units: mg/K HighLimit 136 146 8015M/D: Dia	Sg %RPD	RPDLimit	Qual S	
Prep Date: 6/6/20 Analyte Diesel Range Organics (Surr: DNOP Sample ID: 200632 Client ID: AH-10-	220 Analysis Result (DRO) 29 2.5 21-001AMSD Samp H South Surf Bat	Date: 6/7 PQL 9.6 DType: MS ch ID: 525	7/2020 SPK value 48.03 4.803 5D 330	SPK Ref Val 0 Tes	SeqNo: 2 %REC 59.6 51.7 ttCode: EF	409565 LowLimit 47.4 55.1 PA Method 9453	Units: mg/K HighLimit 136 146 8015M/D: Die	Sg %RPD esel Range	RPDLimit	Qual S	
Prep Date: 6/6/20 Analyte Diesel Range Organics (Surr: DNOP Sample ID: 200632 Client ID: AH-10- Prep Date: 6/6/20	20 Analysis Result (DRO) 29 2.5 21-001AMSD Samp H South Surf Bat 200 Analysis	Date: 6/7 PQL 9.6 DType: MS ch ID: 529 Date: 6/7	7/2020 SPK value 48.03 4.803 5D 330 7/2020	SPK Ref Val 0 Tes F	SeqNo: 2 %REC 59.6 51.7 tCode: Ef RunNo: 69 SeqNo: 2	409565 LowLimit 47.4 55.1 PA Method 9453 409566	Units: mg/K HighLimit 136 146 8015M/D: Die Units: mg/K	Sg %RPD esel Range	RPDLimit	Qual S	
Prep Date: 6/6/20 Analyte Diesel Range Organics (Surr: DNOP Sample ID: 200632 Client ID: AH-10- Prep Date: 6/6/20 Analyte	020 Analysis Result (DRO) 29 2.5 21-001AMSD Samp H South Surf Bat 020 Analysis Result	Date: 6/7 PQL 9.6 DType: MS rch ID: 529 Date: 6/7 PQL	7/2020 SPK value 48.03 4.803 5D 330 7/2020 SPK value	SPK Ref Val 0 Tes F SPK Ref Val	SeqNo: 24 %REC 59.6 51.7 tCode: Ef RunNo: 69 SeqNo: 24 %REC	409565 LowLimit 47.4 55.1 PA Method 9453 409566 LowLimit	Units: mg/K HighLimit 136 146 8015M/D: Die Units: mg/K HighLimit	G %RPD esel Range G %RPD	RPDLimit	Qual S Qual	
Prep Date: 6/6/20 Analyte Diesel Range Organics (Surr: DNOP Sample ID: 200632 Client ID: AH-10- Prep Date: 6/6/20 Analyte Diesel Range Organics (D20 Analysis Result Result (DR0) 29 21-001AMSD Samp H South Surf Bat D20 Analysis Result Result D20 31	Date: 6/7 PQL 9.6 DType: MS ch ID: 529 Date: 6/7 PQL 9.7	7/2020 SPK value 48.03 4.803 5D 930 7/2020 SPK value 48.54	SPK Ref Val 0 Tes F SPK Ref Val 0	SeqNo: 2 %REC 59.6 51.7 tCode: Ef RunNo: 69 SeqNo: 2 %REC 64.6	409565 LowLimit 47.4 55.1 PA Method 9453 409566 LowLimit 47.4	Units: mg/K HighLimit 136 146 8015M/D: Die Units: mg/K HighLimit 136	Sg %RPD esel Range Sg %RPD 9.06	RPDLimit e Organics RPDLimit 43.4	Qual S Qual	
Prep Date: 6/6/20 Analyte Diesel Range Organics (Surr: DNOP Sample ID: 200632 Client ID: AH-10- Prep Date: 6/6/20 Analyte Diesel Range Organics (Surr: DNOP	20 Analysis Result (DRO) 29 2.5 21-001AMSD Samp H South Surf Bat D20 Analysis Result (DRO) 31 2.5	Date: 6/7 PQL 9.6 DType: MS ch ID: 529 Date: 6/7 PQL 9.7	7/2020 <u>SPK value</u> 48.03 4.803 5D 330 7/2020 <u>SPK value</u> 48.54 4.854	SPK Ref Val 0 Tes F SPK Ref Val 0	SeqNo: 24 %REC 59.6 51.7 tCode: El RunNo: 69 SeqNo: 24 %REC 64.6 51.7	409565 LowLimit 47.4 55.1 PA Method 9453 409566 LowLimit 47.4 55.1	Units: mg/K HighLimit 136 146 8015M/D: Die Units: mg/K HighLimit 136 146	29 %RPD esel Range 29 %RPD 9.06 0	RPDLimit e Organics RPDLimit 43.4 0	Qual S Qual S	
Prep Date: 6/6/20 Analyte Diesel Range Organics (Surr: DNOP Sample ID: 200632 Client ID: AH-10- Prep Date: 6/6/20 Analyte Diesel Range Organics (Surr: DNOP Sample ID: LCS-53	Analysis Result (DRO) 29 2.5 2.5 21-001AMSD Samp H South Surf Bat 020 Analysis Result 020 (DRO) 31 2.5 3019	Date: 6/7 PQL 9.6 DType: MS ch ID: 529 Date: 6/7 PQL 9.7	7/2020 SPK value 48.03 4.803 50 50 50 50 50 50 50 50 50 50	SPK Ref Val 0 Tes 5 SPK Ref Val 0 Tes	SeqNo: 2 %REC 59.6 51.7 tCode: EF RunNo: 69 SeqNo: 2 %REC 64.6 51.7 tCode: EF	409565 LowLimit 47.4 55.1 PA Method 9453 409566 LowLimit 47.4 55.1 PA Method	Units: mg/K HighLimit 136 146 8015M/D: Dia Units: mg/K HighLimit 136 146 8015M/D: Dia	Sg %RPD esel Range Sg %RPD 9.06 0 esel Range	RPDLimit POrganics RPDLimit 43.4 0 POrganics	Qual S Qual S	
Prep Date: 6/6/20 Analyte Diesel Range Organics (Surr: DNOP Sample ID: 200632 Client ID: AH-10- Prep Date: 6/6/20 Analyte Diesel Range Organics (Surr: DNOP Sample ID: LCS-53 Client ID: LCS5	20 Analysis Result (DRO) 29 2.5 21-001AMSD Samp H South Surf Bat 020 Analysis Result (DRO) 31 2.5 3019 Samp Bat	Date: 6/7 PQL 9.6 DType: MS ch ID: 529 Date: 6/7 PQL 9.7 DType: LC ch ID: 530	7/2020 SPK value 48.03 4.803 30 7/2020 SPK value 48.54 4.854 S 019	SPK Ref Val 0 Tes 5 SPK Ref Val 0 Tes F	SeqNo: 24 %REC 59.6 51.7 tCode: EF RunNo: 69 SeqNo: 24 %REC 64.6 51.7 tCode: EF RunNo: 69	409565 LowLimit 47.4 55.1 PA Method 9453 409566 LowLimit 47.4 55.1 PA Method 9585	Units: mg/K HighLimit 136 146 8015M/D: Die Units: mg/K HighLimit 136 146 8015M/D: Die	Sig %RPD esel Range %RPD 9.06 0 9.06 0	RPDLimit P Organics RPDLimit 43.4 0 P Organics	Qual S Qual S	
Prep Date: 6/6/20 Analyte Diesel Range Organics (Surr: DNOP Sample ID: 200632 Client ID: AH-10- Prep Date: 6/6/20 Analyte Diesel Range Organics (Surr: DNOP Sample ID: LCS-53 Client ID: LCSS Prep Date: 6/11/2	D20 Analysis Result Result (DRO) 29 21-001AMSD Samp H South Surf Bat D20 Analysis Result D20 (DRO) 31 2.5 Samp 3019 Samp Bat D20 Analysis D20	Date: 6/7 PQL 9.6 DType: MS ch ID: 529 Date: 6/7 PQL 9.7 DType: LC ch ID: 530 Date: 6/7	7/2020 SPK value 48.03 4.803 50 930 7/2020 SPK value 48.54 4.854 50 19 12/2020	SPK Ref Val 0 Tes SPK Ref Val 0 Tes F	SeqNo: 2 %REC 59.6 51.7 51.7 ttCode: El RunNo: 61 SeqNo: 2 %REC 64.6 51.7 51.7 ttCode: El %REC 64.6 51.7 51.7 ttCode: El RunNo: 63 SeqNo: 2	409565 LowLimit 47.4 55.1 PA Method 9453 409566 LowLimit 47.4 55.1 PA Method 9585 415665	Units: mg/K HighLimit 136 146 8015M/D: Dia Units: mg/K HighLimit 136 146 8015M/D: Dia Units: mg/K	Sg %RPD esel Range Sg %RPD 9.06 0 esel Range	RPDLimit e Organics RPDLimit 43.4 0 e Organics	Qual S Qual S	
Prep Date: 6/6/20 Analyte Diesel Range Organics (Surr: DNOP Sample ID: 200632 Client ID: AH-10- Prep Date: 6/6/20 Analyte Diesel Range Organics (Surr: DNOP Sample ID: LCS-53 Client ID: LCS53 Prep Date: 6/11/2 Analyte	D20 Analysis Result Result (DR0) 29 21-001AMSD Samp H South Surf Bat D20 Analysis Result D20 Bat 2.5 CD20 Analysis Result 2.5 CD80) 31 2.5 3019 Samp Bat 2020 Analysis Result Eat	Date: 6/7 PQL 9.6 DType: MS ch ID: 529 Date: 6/7 PQL 9.7 DType: LC ch ID: 530 Date: 6/7 PQL	7/2020 SPK value 48.03 4.803 5D 930 7/2020 SPK value 48.54 4.854 5 019 12/2020 SPK value	SPK Ref Val 0 Tes F SPK Ref Val 0 Tes F SPK Ref Val	SeqNo: 2 %REC 59.6 51.7 tCode: EF RunNo: 69 SeqNo: 2 %REC 64.6 51.7 tCode: EF RunNo: 69 SeqNo: 2 %REC	409565 LowLimit 47.4 55.1 PA Method 9453 409566 LowLimit 47.4 55.1 PA Method 9585 415665 LowLimit	Units: mg/K HighLimit 136 146 8015M/D: Die Units: mg/K HighLimit 0015M/D: Die Units: mg/K HighLimit	ig %RPD esel Range %RPD 9.06 0 esel Range	RPDLimit e Organics RPDLimit 43.4 0 e Organics RPDLimit	Qual S Qual S Qual	
Prep Date: 6/6/20 Analyte Diesel Range Organics (Surr: DNOP Sample ID: 200632 Client ID: AH-10- Prep Date: 6/6/20 Analyte Diesel Range Organics (Surr: DNOP Sample ID: LCS-53 Client ID: LCSS Prep Date: 6/11/2 Analyte Diesel Range Organics (D20 Analysis Result Result (DRO) 29 21-001AMSD Samp H South Surf Bat D20 Analysis Result D20 (DRO) 31 2.5 Bat 200 Analysis Result D20 2020 Analysis Result D20 2020 Analysis Result D20 2020 Analysis Bat D20 2020 Analysis Bat D20	Date: 6/7 PQL 9.6 DType: MS ch ID: 529 Date: 6/7 PQL 9.7 DType: LC ch ID: 530 Date: 6/7 PQL 10	7/2020 SPK value 48.03 4.803 5D 30 7/2020 SPK value 48.54 4.854 5 019 12/2020 SPK value 50.00	SPK Ref Val 0 Tes F SPK Ref Val 0 Tes F SPK Ref Val 0	SeqNo: 2 %REC 59.6 51.7 tCode: EF RunNo: 69 SeqNo: 2 %REC 64.6 51.7 tCode: EF RunNo: 69 SeqNo: 2 SeqNo: 2 %REC 102	409565 LowLimit 47.4 55.1 PA Method 9453 409566 LowLimit 47.4 55.1 PA Method 9585 415665 LowLimit 70	Units: mg/k HighLimit 136 146 8015M/D: Die Units: mg/k HighLimit 136 146 8015M/D: Die Units: mg/k HighLimit 130	Sg %RPD esel Range (Sg %RPD 0 esel Range (Sg %RPD	RPDLimit PORTAL CONTRACTOR PORTAL CONTRACTOR PORTACTOR PORTAL CONTRACTOR PORTAL CONTRACTOR PORTACTOR PORTACTOR PORTACTOR PORTACTOR PORTA	Qual S Qual S Qual	

Qualifiers:

Value exceeds Maximum Contaminant Level. *

Sample Diluted Due to Matrix

D Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix В Analyte detected in the associated Method Blank

Е Value above quantitation range

J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 11 of 14

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client:SafetyProject:Devon	& Environm Snapping 2	ental Sc State 6H	olutions I 2RP 4193							
Sample ID: MB-53019	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics				
Client ID: PBS	Batc	h ID: 53	019	F	RunNo: 6 9	9585				
Prep Date: 6/11/2020	Analysis E	Date: 6 /	12/2020	S	eqNo: 24	415666	Units: mg/K	g		
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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative 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

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2006321

15-Jun-20

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: Safety &	& Environme	ental Sc	olutions								
Project: Devon S	Snapping 2 S	state 6H	I 2RP 4193								
Sample ID: mb-52929	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8015D: Gaso	line Rang	e		
Client ID: PBS	Batch	ID: 52	929	F	RunNo: 69	9482					
Prep Date: 6/6/2020	Analysis D	ate: 6 /	8/2020	S	SeqNo: 24	410769	Units: mg/K	(g			
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: Ics-52929	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015D: Gaso	line Rang	e		
Client ID: LCSS	Batch	ID: 52	929	F	RunNo: 69	9482					
Prep Date: 6/6/2020	Analysis D	ate: 6 /	8/2020	S	SeqNo: 24	410770	Units: mg/K	g			
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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative 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

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2006321

15-Jun-20

-

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client:SafetyProject:Devon	& Environm Snapping 2	ental So State 6F	olutions I 2RP 4193	i						
Sample ID: mb-52929	Samp	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: PBS	Batc	h ID: 52	929	F	RunNo: 6	9482				
Prep Date: 6/6/2020	Analysis [Date: 6/	8/2020	S	SeqNo: 2	410800	Units: mg/H	٢g		
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	Samp	Type: LC	S	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: LCSS	Batc	h ID: 52	929	F	RunNo: 6	9482				
Prep Date: 6/6/2020	Analysis [Date: 6/	8/2020	S	GeqNo: 24	410801	Units: mg/H	٢g		
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 Quanitative 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

WO#: 2006321 15-Jun-20

ANA ANA LAB	L IRONME LYSIS ORATOR	INTAL RY	Hall Environm TEL: 505-345 Website: or	untal Analysis L 4901 Ha Albuquerque, N 3975 FAX: 505- via hallenetronme	horutory nkus NE M 87105 145-4107 ntal.com	Sar	nple Log-In Check List
Client Nama:	Safety	Env Solutions	Work Order Nur	mber: 2006321			ReptNo 1
Received By	Juan	Rojas	6/5/2020 9:30:00	АМ	4 la	ways	£.
Completed By	: Desir	ee Dominguez	6/5/2020 11:06:25	5 AM	10	2-	
Reviewed By:	ZR	615/20				-	
Chain of C	stody						
1, Is Chain of	Custody c	complete?		Yes M	P	10 🗆	Not Present 🗖
2. How was t	ie sample	delivered?		Courier			
Log In							
Was an att	empt made	e to cool the samp	les?	Yes 🗹	N	10 []	NA 🗌
4. Were ali sa	mples reco	eived at a tempera	ture of >0" C to 6.0"C	Yes 🗹	N	10 🗆	
5. Sample(s)	n proper c	ontainer(s)?		Yes 🕅	N	lo 🗆	
6, Sufficient s	ample volu	me for indicated to	ist(s)?	Yes 🕅	N	•	
7, Are sample	s (except \	/OA and ONG) pro	perly preserved?	Yes 🗹	N	a 🔲	
8. Was preser	vativo add	ed to botiles?		Yes 🛛	N	c 🗹	NA 🗆 📝
9. Received a	least 1 vi	al with headspace	<1/4" for AQ VOA?	Үөз 🗆	N	۵ 🗆	NA Z
0. Were any s	ample con	tainers received b	roken?	Yes 🗆	N	lo 🗹	Astaurand
1. Opes paper (Note discre	work mate	h bottle labels? n chain of custody		Yes 🗹	N	• 🗆	battles checked for pH.
2. Are matrice	s correctly	identified on Chair	n of Gustedy?	Yes M	N	0 []	Adjusted?
3, is it clear w	hat analyse	as ware requested	7	Yes 🗹	N	• 🗆	
4. Were all ho (If no. notify	ding times customer	able to be met? for authorization t		Үев 🗹	N	e 🗆	Checked by <u>2011 61512</u> 0
Special Han	dlina (if	applicable)					1
15, Was client	notified of	all discrepancies v	with this order?	Yes 🗌	N	lo 🗆	NA 🗹
Pers	n Notifiad	:	Dat	e: [
By W	hom:	1	Via	eMail]	Phone	Fex	🖂 la Persan
Rega	rding.	1					
Clien	t Instructio	ins:					
16. Additional	remarks:						
17. Cooler Int	ormation						
Cooler	No Tem	p*C Condition	Seal Intact Seal No Net Descent	Seal Date	Signe	d By	
1	6.9	6000	Not Present				

Page 1 of 1

erveu by OCD. 3/23/202	23 0	:02:04 AM								1									age 63 0
DNMENTAL BORATORY com NM 87109 5-4107	st	/1100001.00	4,	72)	29	Mo	X								X			-	
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HAI NWW WWW Ins h		SWISC	VSS 10	01	68 y	d sHA9												1	2
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Project Nam	20	Project Man	Sampler: On Ice:	# of Coolers	Cooler Temp	Container Type and #	-	1	1	/	/	1	/	1	1			Received by	Received th
University Clineton	S/U	rel 4 (Full Validation)	8			ole Name	-10-4 Xillie	11-H 5252 ac	2-14 Sections	13-H Sugar	十日、いいない	HOT SSAL	16H Stand		-1-F 2000			- hart	1
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	3-5		D Az (Matrix	10	V	Vo	5	V	N	5	2	N		1	Reling	Relincu
Address	#: 51	er Fax#: Package idard	itation: AC	(Type)		Time	1350	1405	(2)	(47)	1500	(520	1535	(600)	1545			Time:	Time: 4.B
Client:	Phone	QAVQC LH-Star	Accred	I EDC		Date	06/03	-	-	-	-	~		1 -	603			pola	or/h/2



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

Hall Environmental Analysis Laboratory

March 23, 2023

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

RE: Snapping 2 State 6 7H

OrderNo.: 2303643

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 15 sample(s) on 3/11/2023 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

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report Lab Order 2303643

Date Reported: 3/23/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	Safety & Environmental Solu	itions	Cl	ient Sample II	D: SP	8	
Project:	Snapping 2 State 6 7H		(Collection Dat	e: 3/9	9/2023 8:45:00 AM	
Lab ID:	2303643-001	Matrix: SOIL		Received Dat	e: 3/1	1/2023 10:00:00 AM	
Analyses	i i	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA ME	THOD 300.0: ANIONS					Analyst	SNS
Chloride		100	60	mg/Kg	20	3/16/2023 11:46:13 PM	73766
EPA ME	THOD 8015M/D: DIESEL RAN	IGE ORGANICS				Analyst	: PRD
Diesel R	ange Organics (DRO)	ND	9.3	mg/Kg	1	3/16/2023 2:49:48 PM	73710
Motor Oi	I Range Organics (MRO)	ND	46	mg/Kg	1	3/16/2023 2:49:48 PM	73710
Surr: [ONOP	134	69-147	%Rec	1	3/16/2023 2:49:48 PM	73710
EPA ME	THOD 8015D: GASOLINE RA	NGE				Analyst	: RAA
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	3/17/2023 10:51:00 PM	73686
Surr: E	3FB	86.5	37.7-212	%Rec	1	3/17/2023 10:51:00 PM	73686
EPA ME	THOD 8021B: VOLATILES					Analyst	RAA
Benzene		ND	0.024	mg/Kg	1	3/17/2023 10:51:00 PM	73686
Toluene		ND	0.048	mg/Kg	1	3/17/2023 10:51:00 PM	73686
Ethylben	zene	ND	0.048	mg/Kg	1	3/17/2023 10:51:00 PM	73686
Xylenes,	Total	ND	0.096	mg/Kg	1	3/17/2023 10:51:00 PM	73686
Surr: 4	1-Bromofluorobenzene	88.8	70-130	%Rec	1	3/17/2023 10:51:00 PM	73686

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 Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- JAnalyte detected below quantitation limitsPSample pH Not In Range
- P Sample pH Not In

RL Reporting Limit

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Project:

Lab ID:

Analytical Report Lab Order 2303643

Hall Environmental Analysis Laboratory, Inc.

Snapping 2 State 6 7H

2303643-002

Date Reported: 3/23/2023 **CLIENT:** Safety & Environmental Solutions Client Sample ID: SP 9 Collection Date: 3/9/2023 9:00:00 AM Matrix: SOIL Received Date: 3/11/2023 10:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	SNS
Chloride	ND	60	mg/Kg	20	3/16/2023 11:58:34 PM	73766
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	DGH
Diesel Range Organics (DRO)	13	9.5	mg/Kg	1	3/15/2023 9:53:47 PM	73712
Motor Oil Range Organics (MRO)	51	47	mg/Kg	1	3/15/2023 9:53:47 PM	73712
Surr: DNOP	102	69-147	%Rec	1	3/15/2023 9:53:47 PM	73712
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: JJP
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	3/15/2023 11:56:51 AM	73702
Surr: BFB	108	37.7-212	%Rec	1	3/15/2023 11:56:51 AM	73702
EPA METHOD 8021B: VOLATILES					Analyst	: JJP
Benzene	ND	0.025	mg/Kg	1	3/15/2023 11:56:51 AM	73702
Toluene	ND	0.049	mg/Kg	1	3/15/2023 11:56:51 AM	73702
Ethylbenzene	ND	0.049	mg/Kg	1	3/15/2023 11:56:51 AM	73702
Xylenes, Total	ND	0.099	mg/Kg	1	3/15/2023 11:56:51 AM	73702
Surr: 4-Bromofluorobenzene	103	70-130	%Rec	1	3/15/2023 11:56:51 AM	73702

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank в
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range Reporting Limit
- RL

Page 2 of 21

Analytical Report Lab Order 2303643

Date Reported: 3/23/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	Safety & Environmental Solution	ons	Cl	ient Sample II	D: SP	210				
Project:	Snapping 2 State 6 7H		(Collection Date	e: 3/9	9/2023 9:15:00 AM				
Lab ID:	2303643-003	Matrix: SOIL	SOIL Received Date: 3/11/2023 10:00:00 AM							
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 300.0: ANIONS					Analyst	SNS			
Chloride		ND	60	mg/Kg	20	3/17/2023 12:10:55 AM	73766			
EPA MET	THOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	DGH			
Diesel Ra	ange Organics (DRO)	25	9.2	mg/Kg	1	3/15/2023 10:04:20 PM	73712			
Motor Oil	Range Organics (MRO)	82	46	mg/Kg	1	3/15/2023 10:04:20 PM	73712			
Surr: E	DNOP	119	69-147	%Rec	1	3/15/2023 10:04:20 PM	73712			
EPA MET	THOD 8015D: GASOLINE RANG	θE				Analyst	JJP			
Gasoline	Range Organics (GRO)	ND	4.6	mg/Kg	1	3/15/2023 12:20:28 PM	73702			
Surr: E	3FB	111	37.7-212	%Rec	1	3/15/2023 12:20:28 PM	73702			
EPA MET	THOD 8021B: VOLATILES					Analyst	JJP			
Benzene		ND	0.023	mg/Kg	1	3/15/2023 12:20:28 PM	73702			
Toluene		ND	0.046	mg/Kg	1	3/15/2023 12:20:28 PM	73702			
Ethylben	zene	ND	0.046	mg/Kg	1	3/15/2023 12:20:28 PM	73702			
Xylenes,	Total	ND	0.093	mg/Kg	1	3/15/2023 12:20:28 PM	73702			
Surr: 4	I-Bromofluorobenzene	102	70-130	%Rec	1	3/15/2023 12:20:28 PM	73702			

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- В Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Analytical Report Lab Order 2303643

Date Reported: 3/23/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	Safety & Environmental Solution	ons	Cl	ient Sample II): SP	11	
Project:	Snapping 2 State 6 7H		(Collection Date	e: 3/9	9/2023 9:30:00 AM	
Lab ID:	2303643-004	Matrix: SOIL		Received Date	e: 3/1	1/2023 10:00:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst	SNS
Chloride		ND	60	mg/Kg	20	3/17/2023 12:23:16 AM	73766
EPA MET	THOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	DGH
Diesel Ra	ange Organics (DRO)	16	9.0	mg/Kg	1	3/15/2023 10:14:52 PM	73712
Motor Oil	Range Organics (MRO)	64	45	mg/Kg	1	3/15/2023 10:14:52 PM	73712
Surr: E	DNOP	124	69-147	%Rec	1	3/15/2023 10:14:52 PM	73712
EPA MET	THOD 8015D: GASOLINE RANG	E				Analyst	JJP
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	3/15/2023 12:43:59 PM	73702
Surr: E	3FB	109	37.7-212	%Rec	1	3/15/2023 12:43:59 PM	73702
EPA MET	THOD 8021B: VOLATILES					Analyst	JJP
Benzene		ND	0.024	mg/Kg	1	3/15/2023 12:43:59 PM	73702
Toluene		ND	0.048	mg/Kg	1	3/15/2023 12:43:59 PM	73702
Ethylben	zene	ND	0.048	mg/Kg	1	3/15/2023 12:43:59 PM	73702
Xylenes,	Total	ND	0.096	mg/Kg	1	3/15/2023 12:43:59 PM	73702
Surr: 4	I-Bromofluorobenzene	103	70-130	%Rec	1	3/15/2023 12:43:59 PM	73702

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

Oua	lifiers:	
Qua	miers:	

- * 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 Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range RL Reporting Limit
- RL Re

Page 4 of 21

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: Project:	Saf Sna	ety & Environmenta apping 2 State 6 7H	l Solutions								
Sample ID:	MB-73766	SampType:	MBLK	Tes	stCode: EP	A Method	300.0: Anions				
Client ID:	PBS	Batch ID:	73766	F	RunNo: 95	5346					
Prep Date:	3/16/2023	Analysis Date:	3/16/2023	\$	SeqNo: 34	48802	Units: mg/K	9			
Analyte		Result PC	QL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Chloride		ND	1.5								
Sample ID:	LCS-73766	SampType: LCS TestCode: EPA Method 300.0: Anions									
Client ID:	LCSS	Batch ID:	73766	F	RunNo: 95	5346					
Prep Date:	3/16/2023	Analysis Date:	3/16/2023	SeqNo: 34	p: 3448803 Units: mg/Kg						
Analyte		Result PC	QL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Chloride		14	1.5 15.00	0	94.1	90	110				
Sample ID:	MB-73774	SampType:	MBLK	Tes	stCode: EP	PA Method	300.0: Anions				
Client ID:	PBS	Batch ID:	73774	F	RunNo: 95	5364					
Prep Date:	3/17/2023	Analysis Date:	3/17/2023	5	SeqNo: 34	149696	Units: mg/K	9			
Analyte		Result PC	QL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Chloride		ND	1.5								
Sample ID:	LCS-73774	SampType:	LCS	Tes	stCode: EP	A Method	300.0: Anions				
Client ID:	LCSS	Batch ID:	73774	F	RunNo: 95	5364					
Prep Date:	3/17/2023	Analysis Date:	3/17/2023	S	SeqNo: 34	149697	Units: mg/K	9			
Analyte		Result PC	QL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	

14 1.5 15.00 0 94.0 90 110

Qualifiers:

Chloride

- * 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 Quanitative Limit

- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range

RL Reporting Limit

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2303643

23-Mar-23

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: Project:	Safety & Snapping	Environm g 2 State 6	ental So 7H	olutions									
Sample ID:	LCS-73712	Samp	Гуре: LC	s	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID:	LCSS	Batcl	h ID: 737	/12	F	RunNo: 95288							
Prep Date:	3/14/2023	Analysis [Date: 3 /*	15/2023	5	SeqNo: 34	146997	Units: mg/K	g				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range (Organics (DRO)	47	10	50.00	0	94.7	61.9	130					
Surr: DNOP		4.7		5.000		93.8	69	147					
Sample ID:	MB-73712	SampT	Гуре: МЕ	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics			
Client ID:	PBS	Batcl	h ID: 737	/12	F	RunNo: 95	5288						
Prep Date:	3/14/2023	Analysis [Date: 3 /*	15/2023	Ş	SeqNo: 34	146998	Units: mg/K	g				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range (Organics (DRO)	ND	10										
Motor Oil Rang	e Organics (MRO)	ND 13	50	10.00		125	60	147					
Sull. DNOI		15		10.00		125	09	147					
Sample ID:	MB-73710	Samp	Гуре: МЕ	BLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID:	PBS	Batcl	h ID: 737	710	RunNo: 95279								
Prep Date:	3/14/2023	Analysis [Date: 3/	16/2023	SeqNo: 3447687 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 Rang	je Organics (MRO)	ND 0.6	50	10.00		05.0	60	147					
Sull. DNOF		9.0		10.00		95.9	09	147					
Sample ID:	LCS-73710	SampT	Гуре: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics			
Client ID:	LCSS	Batcl	h ID: 737	/10	F	RunNo: 95	5279						
Prep Date:	3/14/2023	Analysis [Date: 3/*	16/2023	S	SeqNo: 34	447688	Units: mg/K	g				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range (Organics (DRO)	50	10	50.00	0	100	61.9	130					
Surr: DNOP		4.7		5.000		94.9	69	147					
Sample ID:	MB-73763	Samp	Гуре: МЕ	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics			
Client ID:	PBS	Batcl	h ID: 737	763	RunNo: 95369								
Prep Date:	3/16/2023	Analysis [Date: 3 /*	17/2023	5	SeqNo: 34	150324	Units: mg/K	g				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range (Organics (DRO)	ND	10										
Motor Oil Rang	e Organics (MRO)	ND	50										
Surr: DNOP		9.0		10.00		89.9	69	147					

Qualifiers:

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- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

2303643

23-Mar-23

Client: Project:	Safety Snapp	& Environme ing 2 State 6	ental So 7H	olutions							
Sample ID:	LCS-73763	TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID:	LCSS	CSS Batch ID: 73763			RunNo: 95369						
Prep Date:	3/16/2023	3 Analysis Date: 3/17/2023		SeqNo: 3450325			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	94.0	61.9	130			
Surr: DNOP		4.4		5.000		87.4	69	147			

Qualifiers:

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- PQL Practical Quanitative Limit
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- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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23-Mar-23

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: Project:	Safety & Snapping	Environm 2 State 6	ental So 7H	olutions									
Sample ID:	lcs-73702	SampT	ype: LC	S	TestCode: EPA Method 8015D: Gasoline Range								
Client ID:	LCSS	Batch	n ID: 73 7	702	F	RunNo: 95278							
Prep Date:	3/14/2023	Analysis Date: 3/15/2023			Ś	SeqNo: 3446038 Units: mg/Kg							
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Gasoline Rang Surr: BFB	je Organics (GRO)	21 1800	5.0	25.00 1000	0	82.6 183	70 37.7	130 212					
Sample ID:	mb-73702	SampT	уре: МЕ	BLK	Tes	tCode: EF	PA Method	8015D: Gasol	ine Range				
Client ID:	PBS	Batch	n ID: 73 7	702	F	RunNo: 9	5278						
Prep Date:	3/14/2023	Analysis D	Date: 3/	15/2023	\$	SeqNo: 34	446039	Units: mg/K	g				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Gasoline Rang Surr: BFB	je Organics (GRO)	ND 1100	5.0	1000		106	37.7	212					
Sample ID:	lcs-73714	SampT	ype: LC	s	TestCode: EPA Method 8015D: Gasoline Range								
Client ID:	LCSS	Batch ID: 73714			RunNo: 95315								
Prep Date:	3/15/2023	Analysis D	Date: 3/	16/2023	\$	SeqNo: 34	447482	Units: %Rec	:				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Surr: BFB		1900		1000		190	37.7	212					
Sample ID:	mb-73714	SampT	уре: МЕ	BLK	Tes	tCode: EF	PA Method	8015D: Gasol	ine Range				
Client ID:	PBS	Batch	n ID: 73 7	714	RunNo: 95315								
Prep Date:	3/15/2023	Analysis D	Date: 3/	16/2023	\$	SeqNo: 34	447483	Units: %Rec	:				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Surr: BFB		1100		1000		106	37.7	212					
Sample ID:	lcs-73686	SampT	ype: LC	S	TestCode: EPA Method 8015D: Gasoline Range								
Client ID:	LCSS	Batch	n ID: 736	686	RunNo: 95373								
Prep Date:	3/14/2023	Analysis D	Date: 3/	17/2023	\$	SeqNo: 34	449976	Units: mg/K	g				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Gasoline Rang Surr: BFB	je Organics (GRO)	21 1900	5.0	25.00 1000	0	83.1 186	70 37.7	130 212					
Sample ID:	mb-73686	SampT	уре: МЕ	BLK	Tes	tCode: EF	PA Method	8015D: Gasol	ine Range				
Client ID:	PBS	Batch	n ID: 736	586	F	RunNo: 9	5373		-				
Prep Date:	3/14/2023	Analysis D)ate: 3 /	17/2023	SeqNo: 3449977			Units: mg/Kg					
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Gasoline Rang Surr: BFB	e Organics (GRO)	ND 920	5.0	1000		92.2	37.7	212					

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- Н Holding times for preparation or analysis exceeded
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- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank В
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

2303643

23-Mar-23
QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: Project:	Safety & Snapping	Environm 2 State 6	nental So 7H	olutions											
Sample ID:	LCS-73702	Samp	Type: LC	S	Tes	stCode: E	PA Method	8021B: Volat	iles						
Client ID:	LCSS	Batc	h ID: 737	702	I	RunNo: S									
Prep Date:	3/14/2023	Analysis I	Date: 3/*	15/2023	:	SeqNo: 3	3446063	Units: mg/k	٢g						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Benzene		0.91	0.025	1.000	0	91.4	80	120							
Toluene		0.91	0.050	1.000	0	90.8	80	120							
Ethylbenzene		0.91	0.050	1.000	0	90.6	80	120							
Xylenes, Total		2.7	0.10	3.000	0	90.2	80	120							
Surr: 4-Bror	nofluorobenzene	1.0		1.000		102	70	130							
Sample ID:	mb-73702	Samp	Туре: МЕ	BLK	TestCode: EPA Method 8021B: Volatiles										
Client ID:	PBS	Batc	h ID: 737	702	I	RunNo: ያ	95278								
Prep Date:	3/14/2023	Analysis I	Date: 3/*	15/2023	:	SeqNo: 3	3446064	Units: mg/k	٢g						
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-Bror	nofluorobenzene	1.0		1.000		101	70	130							
Sample ID:	2303643-002ams	Samp	Type: MS	;	Tes										
Client ID:	SP 9	Batc	h ID: 737	702	I	RunNo: S	95278								
Prep Date:	3/14/2023	Analysis I	Date: 3/*	15/2023	:	SeqNo: 3	3446680	Units: mg/k	٢g						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Methyl tert-but	yl ether (MTBE)	1.0	0.099	0.9872	0	105	61.5	113							
Benzene		1.0	0.025	0.9872	0	105	68.8	120							
Toluene		1.0	0.049	0.9872	0	105	73.6	124							
Ethylbenzene		1.0	0.049	0.9872	0	106	72.7	129							
Xylenes, Total		3.1	0.099	2.962	0	105	75.7	126							
Surr: 4-Bror	nofluorobenzene	1.0		0.9872		104	70	130							
Sample ID:	2303643-002amsd	Samp	Type: MS	D	Tes	stCode: E	PA Method	8021B: Volat	iles						
Client ID:	SP 9	Batch ID: 73702 RunNo: 95278													
Prep Date:	3/14/2023	Analysis I	Date: 3/	15/2023	:	SeqNo: 3	3446681	Units: mg/k	٢g						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Benzene		1.1	0.025	0.9862	0	110	68.8	120	4.53	20					
Toluene		1.1	0.049	0.9862	0	110	73.6	124	4.64	20					
Ethylbenzene		1.1	0.049	0.9862	0	110	72.7	129	4.09	20					
Xylenes, Total		3.3	0.099	2.959	0	110	75.7	126	4.30	20					
Surr: 4-Bror	nofluorobenzene	1.0		0.9862		106	70	130	0	0					

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2303643

23-Mar-23

WO#:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client:SafetyProject:Snappi	& Environm ng 2 State 6	ental So 7H	olutions							
Sample ID: Ics-73686	Samp	Type: LC	S	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batc	h ID: 73	686	F	RunNo: 9	5373				
Prep Date: 3/14/2023	Analysis I	Date: 3/	17/2023	S	SeqNo: 34	150049	Units: mg/k	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.86	0.025	1.000	0	86.4	80	120			
Toluene	0.87	0.050	1.000	0	86.9	80	120			
Ethylbenzene	0.85	0.050	1.000	0	85.2	80	120			
Xylenes, Total	2.5	0.10	3.000	0	84.8	80	120			
Surr: 4-Bromofluorobenzene	0.95		1.000		95.2	70	130			
Sample ID: mb-73686	Samp	Туре: МЕ	BLK	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: PBS	Batc	h ID: 73	686	F	RunNo: 9	5373				
Prep Date: 3/14/2023	Analysis I	Date: 3/	17/2023	S	SeqNo: 34	450050	Units: mg/k	(g		
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	0.92		1.000		92.1	70	130			

Qualifiers:

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- P Sample pH Not In Range
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2303643

23-Mar-23

WO#:

HALL ENVIF ANAL LABO	RONMENTAL YSIS RATORY	Hall Environmen TEL: 505-345-3 Website: www	ntal Analysis Labor 4901 Hawkir Albuquerque, NM 8 975 FAX: 505-345- v.hallenvironmenta	atory 18 NE 17109 San 4107 I.com	Sample Log-In Check Lis					
Client Name:	Safety & Environmental Solutions	Work Order Num	ber: 2303643		RcptNo:	1				
Received By:	Cheyenne Cason	3/11/2023 10:00:00	AM	chent						
Completed By:	Cheyenne Cason	3/11/2023 10:14:59	AM	chel						
Reviewed By:	KPG 3.13.2	3		1060W						
Chain of Cus	stody			_						
1. Is Chain of C	Sustody complete?		Yes 🗹	No 🛄	Not Present					
2. How was the	sample delivered?		<u>Courier</u>							
<u>Log In</u> 3. Was an atter	npt made to cool the sample	s?	Yes 🗹	No 🗌						
4. Were all sam	ples received at a temperatu	re of >0°C to 6.0°C	Yes 🗹	No 🗌	NA 🗍					
5. Sample(s) in	proper container(s)?		Yes 🔽	No 🗌						
6. Sufficient sar	nple volume for indicated tes	i(s)?	Yes 🗹	No 🗌						
7. Are samples	(except VOA and ONG) prop	erly preserved?	Yes 🗹	No 🗌						
8. Was preserv	ative added to bottles?		Yes 🗌	No 🗹	NA 🗌					
9. Received at I	east 1 vial with headspace <	I/4" for AQ VOA?	Yes	No 🗌	NA 🗹					
0. Were any sa	mple containers received bro	ken?	Yes	No 🗹	# of preserved					
l 1.Does paperw (Note discrep	ork match bottle labels? pancies on chain of custody)		Yes 🗹	No 🗌	bottles checked for pH: (<2 or >	12 unless peted)				
2. Are matrices	correctly identified on Chain	of Custody?	Yes 🗹	No 🗌	Adjusted?					
3. Is it clear what	at analyses were requested?		Yes 🗹	No 🗌		11,31,2100				
14. Were all hold (If no, notify o	ling times able to be met? customer for authorization.)		Yes 🗹	No 🗀	Gnecked by:	<u>~)) 2</u>				
Special Hand	lling (if applicable)									
15. Was client n	otified of all discrepancies wi	th this order?	Yes 🗍	No 🗌	NA 🗹					
Persor	n Notified:	Date	R							
By Wh	iom:	Via:	eMail	Phone 🗌 Fax	In Person					
Regar	ding:									
16 Additional a										
TO. Additional n	emarks:									
17. Cooler Info Cooler N	ormation	Seal Intact Seal No	Seal Date	Signed By						
1	0.6 Good	Not Present Yoai	Sour Duto	5.g						

Page 1 of 1

Receiv	ed by	0 C	D: 5/.	23/2	023	8: 0 2	2:04 A	H -																		Pa	ge 7	60
	ANALYSIS LABORATORY	www.hallenvironmental.com	awkins NE - Albuquerque, NM 87109	6-345-3975 Fax 505-345-4107	Analysis Request	40°	SMI2	uə: '²(022;	(1.405 28 2 2 3 3 3 4 0 4 3 3 4 0 4 3 5 4 1 4 1 4 2 5 3 1 4 1 5 5 1 6 1 5 1 0 1 5 2 5 1 0 1 5 5 5 1 0 1 5 5 5 1 0 1 5 5 1 5 5 1 0 1 5 5 1 5 5 1 5 1	015 100 100 100 100 100 100 100	Vetho by 83 8 Mg 30lifo 20lifo	EDB (1 PAHs 1 8260 (8260 (70 8260 (70 70 70 70 70 70 70 70 70 70 70 70 70	X															
			4901 H	Tel. 50	the tra	(0)	PCB's	121 N	808/s	າຍ) ອbic	uer()8:H41 7 1808												ħ	ans:			
	Π		7			()	208) s	.81	MT \	38.		BTEX	\sim		_									1	Rema			
Turn-Around Time:	W Standard V Rush 5 DUV	Project Name:	Unapping - sport at	Project #:	DEU-19-004	Project Manager:	Bob Allers		Sampler: OLV PIO UNT CLA.S On Ice: Pres DNO Y .	# of Coolers: 1	Cooler Temp(Including CF): O, 4 4 6, 2 - 6 (°C)	Container Preservative HEAL No. Type and # Type つえつろんいろ	l Soil hou	252	603	1 0001	C205	906	a 1 a 2 7	200	609	010	110 1 1 0	210 - 1 1	Received by: Via: Date Time	Dordinad hur Via Via Data Time		LANC (DUMY JI1123 1000)
Chain-of-Custody Record	Client: X-ST		Mailing Address: 763 E. Clintan	Haldon, NN 88240	Phone #: 575-397-0510	email or Fax#:	QA/QC Package:		Accreditation:	EDD (Type)		Date Time Matrix Sample Name	03 09 10845 Soil Surface Small 1	1 MM 1 Sitace Service 2	North States States	1050 Diffee Smiled	May 1 Mar #1 8 Cris	1 Nass Liver #1 1	1 10 151 1 Uner# 2 Surface	11n251 [[iwr#z 1]	1 10557 1 1 wert & Surface	ILLIS MARTHANDAR	11:55 1 C.W. # 5.7.4.	-11201 - 11 20 #10 Siller	Date: Time: Relingui hed by:	05/00 430 224		(WWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW

	www.hallenvironmental.com	4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107	Analysis Request	(O) (0) () () () () () () () () () () () () ()	14, 40:5 14, 4	X TMB X TMB X V DR X X X X X X X X X X X X X X X X X X X		() () () () () () () () () () () () () (BTEX BTEX R250 (PPHs B260 (R270 (F, F, F, F, F, F, F, F, F, F, F, F, F,								e Remarks:	Page	
Furn-Around Time:	Project Name: X Starte OHEN	Project #:	Dev 14004	Project Manager:	Bob AURN	Sampler: Survey Countre	≠ of Coolers: (-	Cooler Temp(Inducing or 0, 440,220.6	Container Preservative HEAL No.	Soil Seals	1 Soil Ory						Received by: Via: Date Time	Received by: Via: Date Time	m Cound 3/11/2, 100
Chain-of-Custody Record	Mailing Address:	Hobby NN 88240	Phone #: 5 - 5 - 39 0 510	email or Fax#:	QA/QC Package: □ Standard □ Level 4 (Full Validation)	Accreditation:	🗆 EDD (Type)		Date Time Matrix Sample Name 1	03/09 / 225 Soil Ciner# 7 Surface	1300 Soil / wer # 8 Diface	1919 400 12: 1 17 20 # 9 1 Aug	1330 Č				Date: Time: Reliaquished by:	Date: Time: Relinquished by:	glichs from arquirers (

uging:

ceived by OCD: 5/23/2023 8:02:04 AM							Page 78 of 8		
<u>District I</u> 625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 11 S. First St., Artesia, NM 88210	Sta Energy Min	State of New Mexico Energy Minerals and Natural Resources							
<u>District III</u> 000 Rio Brazos Road, Aztec, NM 87410	Oil C	Conser	vation Div	vision	Subi	nit I Copy	to appropriate District Office in		
District IV 220 S. St. Francis Dr. Santa Eo. NM 87505	1220	South	St. Franc	is Dr.	REC		coluance with 19.15.29 NWAC.		
220 S. St. Francis Di., Santa Fe, INM 87505	Sa	inta Fe	e, NM 875	05		(Lan A V La 1-2			
Re	lease Notific	ation	and Co	orrective A	ction	Thi	tial Only		
1)AB1801849148		100	OPERA'	<u>FOR</u>		🛛 Initia	al Report 🔀 Final Report		
Address 6488 Seven Rivers Hwy Artesia	NM 88210	137	Contact We	sley Ryan, Pro	duction	Foreman			
Facility Name Snapping 2 State 6H	, 100 00210	1	Facility Typ	e Oil	+50				
Surface Owner State	Mineral O)wner S	tate			API No	. 30-015-39162		
····		TION	OF REI	FASE		1			
Unit Letter Section Township Range	Feet from the	North/	South Line	Feet from the	East/W	/est Line	County		
O 2 26S 31E							Eddy		
	Latitude 32 066		ngitude 10	3 74848 NAF)83		L		
	NAT	TIPF	OF RELI	F A SF					
Type of Release		UNL	Volume of	Release		Volume F	Recovered		
Produced Water Source of Release			52bbls	our of Occurren	CA	52bbls	Hour of Discovery		
Produced water tank			Date and T December MST	31, 2017 @ 11:0	0 PM	December	r 31, 2017 @ 11:00 PM MST		
Was Immediate Notice Given?	🗌 No 🔲 Not Re	equired	If YES, To Mike Brate	Whom? ther, OCD	I				
By Whom?			Date and F	lour					
Brett Fulks, EHS Professional			January I,	2018 @ 10:57 Pl	M MST				
Yes	🛛 No		1 1 ES, VC N/A	nume impacting	the wate	rcourse.			
If a Watercourse was Impacted, Describe Fully N/A	/.*	<u> </u>	1						
Describe Cause of Problem and Remedial Acti While working on the compressor the lease op wells were immediately shut in and the water t	on Taken.* erator heard a loud a ank was isolated.	noise an	d discovered	that one of the fi	berglass	produced v	water tanks had ruptured. The		
Describe Area Affected and Cleanup Action T Approximately 52bbls of produced water was recovered by the dispatched vacuum truck fror liner was visually inspected by Devon fiel evidence that the spill fluids left containm	aken.* released into the lin n the lined containn d staff for any pir ent.	ed SPCC nent. Al nholes o	C secondary o Il fluid stayed or punctures	containment ring. inside the lined and none were	Approx SPCC cc found.	imately 52 intainment Based on	bbls of produced water was Once fluids were removed the this inspection there is no		
I hereby certify that the information given abo regulations all operators are required to report public health or the environment. The accepta should their operations have failed to adequate or the environment. In addition, NMOCD acc federal, state, or local laws and/or regulations.	ve is true and comp and/or file certain r nce of a C-141 repo ly investigate and r eptance of a C-141	lete to the elease no ort by the emediate report de	ne best of my otifications a e NMOCD m e contaminati bes not reliev	knowledge and und perform corre- arked as "Final Foon that pose a the on that pose a the e the operator of	understar ctive acti Report" d reat to gr responsi	Id that purs ons for rel- oes not rel- ound water bility for c	suant to NMOCD rules and eases which may endanger ieve the operator of liability r, surface water, human health ompliance with any other		
				<u>OIL CON</u>	ISERV	ATION	DIVISION		
Signature: Sheila Fisher			Approved by	Environmental S	Specialist	(In h	Az VIN		
Printed Name: Sheila Fisher									
E-mail Address: Sheila.Fisher@dvn.com		Conditions of Approval:							
			$\int O I$	attal	MID	Υ.	Attached ADD US		
Date: 1/4/18	Phone: 575.748.1	829	sv	VULUUU	~~~	•	000-10		

•

UIDIISAB Released to Imaging: 10/16/2023 9:50:48 AM

Operator/Responsible Party,

The OCD has received the form C-141 you provided on 1/12/18 regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number $\frac{2RP-45UQ}{12}$ has been assigned. Please refer to this case number in all future correspondence.

It is the Division's obligation under both the Oil & Gas Act and Water Quality Act to provide for the protection of public health and the environment. Our regulations (19.15.29.11 NMAC) state the following,

The responsible person shall complete <u>division-approved corrective action</u> for releases that endanger public health or the environment. The responsible person shall address releases in accordance with a remediation plan submitted to and approved by the division or with an abatement plan submitted in accordance with 19.15.30 NMAC. [emphasis added]

Release characterization is the first phase of corrective action unless the release is ongoing or is of limited volume and all impacts can be immediately addressed. Proper and cost-effective remediation typically cannot occur without adequate characterization of the impacts of any release. Furthermore, the Division has the ability to impose reasonable conditions upon the efforts it oversees. As such, the Division is requiring a workplan for the characterization of impacts associated with this release be submitted to the OCD District II office in Artesia on or before 2/12/18. If and when the release characterization workplan is approved, there will be an associated deadline for submittal of the resultant investigation report. Modest extensions of time to these deadlines may be granted, but only with acceptable justification.

The goals of a characterization effort are: 1) determination of the lateral and vertical extents along with the magnitude of soil contamination. 2) determine if groundwater or surface waters have been impacted. 3) If groundwater or surface waters have been impacted, what are the extents and magnitude of that impact. 4) The characterization of any other adverse impacts that may have occurred (examples: impacts on vegetation, impacts on wildlife, air quality, loss of use of property, etc.). To meet these goals as quickly as possible, the following items must, at a minimum, be addressed in the release characterization workplan and subsequent reporting:

• Horizontal delineation of soil impacts in each of the four cardinal compass directions. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. This is not an exclusive list of potential contaminants. Analyzed parameters should be modified based on the nature of the released substance(s). Soil sampling must be both within the impacted area and beyond.

• Vertical delineation of soil impacts. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. As above, this is not an exclusive list of potential contaminants and can be modified. Vertical characterization samples should be taken at depth intervals no greater than five feet apart. Lithologic description of encountered soils must also be provided. At least ten vertical feet of soils with contaminant concentrations at or below these values must be demonstrated as existing above the water table.

- Nominal detection limits for field and laboratory analyses must be provided.
- Composite sampling is not generally allowed.

• Field screening and assessment techniques are acceptable (headspace, titration, EC [include algorithm for validation purposes], EM, etc.), but the sampling and assay procedures must be clearly defined. Copies of field notes are highly desirable. A statistically significant set of split samples must be submitted for confirmatory laboratory analysis, including the laterally farthest and vertically deepest sets of soil samples. Make sure there are at least two soil samples submitted

for laboratory analysis from each borehole or test pit (highest observed contamination and deepest depth investigated). Copies of the actual laboratory results must be provided including chain of custody documentation.

•Probable depth to shallowest protectable groundwater and lateral distance to nearest surface water. If there is an estimate of groundwater depth, the information used to arrive at that estimate must be provided. If there is a reasonable assumption that the depth to protectable water is 50 feet or less, the responsible party should anticipate the need for at least one groundwater monitoring well to be installed in the area of likely maximum contamination.

• If groundwater contamination is encountered, an additional investigation workplan may be required to determine the extents of that contamination. Groundwater and/or surface water samples, if any, must be analyzed by a competent laboratory for volatile organic hydrocarbons (typically Method 8260 full list), total dissolved solids, pH, major anions and cations including chloride and sulfate, dissolved iron, and dissolved manganese. The investigation workplan must provide the groundwater sampling method(s) and sample handling protocols. To the fullest extent possible, aqueous analyses must be undertaken using nominal method detection limits. As with the soil analyses, copies of the actual laboratory results must be provided including chain of custody documentation.

• Accurately scaled and well-drafted site maps must be provided providing the location of borings, test pits, monitoring wells, potentially impacted areas, and significant surface features including roads and site infrastructure that might limit either the release characterization or remedial efforts. Field sketches may be included in subsequent reporting, but should not be considered stand-alone documentation of the site's layout. Digital photographic documentation of the location and fieldwork is recommended, especially if unusual circumstances are encountered.

Nothing herein should be interpreted to preclude emergency response actions or to imply immediate remediation by removal cannot proceed as warranted. Nonetheless, characterization of impacts and confirmation of the effectiveness of remedial efforts must still be provided to the OCD before any release incident will be closed.

Jim Griswold OCD Environmental Bureau Chief 1220 South St. Francis Drive Santa Fe, New Mexico 87505 505-476-3465 jim.griswold@state.nm.us

Weaver, Crystal, EMNRD

From:	Weaver, Crystal, EMNRD
Sent:	Friday, January 12, 2018 12:52 PM
То:	'Fisher, Sheila'; Bratcher, Mike, EMNRD; Honea, Tammy
Cc:	Shoemaker, Mike; Fulks, Brett; Carter, Ray; West, Christopher; Ryan, Wesley
Subject:	RE: Snapping 2 State 6H_52bbls pw_12.31.17

Hello all,

Same will go for this Initial/Final C-141 form as I had mentioned would happen with the others I sent you all an email on this morning.

OCD has decided to now to mark any Initial/Final C-141 that comes in, and is for a release that total volume recovery is stated to have occurred due to having secondary containment that was said to have contained all fluids, as an <u>Initial C-141 only</u> and upon receipt of the requested pictures and statements a Final C-141 can be submitted and then reviewed for processing of closure of said release case.

Thank you,

Crystal Weaver

Environmental Specialist OCD – Artesia District II 811 S. 1st Street Artesia, NM 88210 Office: 575-748-1283 ext. 101 Cell: 575-840-5963 Fax: 575-748-9720

From: Fisher, Sheila [mailto:Sheila.Fisher@dvn.com]
Sent: Friday, January 12, 2018 6:37 AM
To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>; Honea, Tammy <thonea@slo.state.nm.us>
Cc: Shoemaker, Mike <Mike.Shoemaker@dvn.com>; Fulks, Brett <Brett.Fulks@dvn.com>; Carter, Ray
<Ray.Carter@dvn.com>; West, Christopher <Christopher.West@dvn.com>; Ryan, Wesley <Wesley.Ryan@dvn.com>
Subject: Snapping 2 State 6H 52bbls pw 12.31.17

Good Morning,

Attached please find the Initial & Final C-141 and GIS Image for the 52bbl produced water release at the Snapping 2 State 6H on 12.31.17.

If you have any questions please feel free to contact me.

Weaver, Crystal, EMNRD

From:	Fisher, Sheila <sheila.fisher@dvn.com></sheila.fisher@dvn.com>
Sent:	Friday, January 12, 2018 6:37 AM
То:	Bratcher, Mike, EMNRD; Weaver, Crystal, EMNRD; Honea, Tammy
Cc:	Shoemaker, Mike; Fulks, Brett; Carter, Ray; West, Christopher; Ryan, Wesley
Subject:	Snapping 2 State 6H_52bbls pw_12.31.17
Attachments:	Snapping 2 State 6H_52bbls pw_Initial & Final C-141_12.31.17.doc; Snapping 2 State 6H_52bbls pw_GIS Image_12.31.17.pdf

Good Morning,

Attached please find the Initial & Final C-141 and GIS Image for the 52bbl produced water release at the Snapping 2 State 6H on 12.31.17.

If you have any questions please feel free to contact me.

Thank you,

Sheila Fisher

Field Admin Support Production B-Schedule

Devon Energy Corporation PO Box 250 Artesia, NM 88211 575 748 1829 Direct



Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.

Bratcher, Mike, EMNRD

From:	Fulks, Brett <brett.fulks@dvn.com></brett.fulks@dvn.com>
Sent:	Monday, January 1, 2018 10:57 PM
То:	Bratcher, Mike, EMNRD; Weaver, Crystal, EMNRD
Cc:	Shoemaker, Mike; Nettles, Matt
Subject:	Release Notification for Snapping 2 State 6H (API# 30-025-32398)

Mike/Heather,

Devon had the following release occur at approximately 11:00 PM MST on 12/31/17. The incident is described below.

 Snapping 2 State 6H(API #30-015-39162): While working on the compressor at the Snapping 2 State 6H, the lease operator heard a loud noise and discovered that one of the fiberglass produced water tanks had ruptured, releasing approximately 52 bbls of produced water into lined secondary containment, all of which was recovered.

A C-141 will be prepared and submitted.

Thanks,

Brett Fulks EHS Representative

Devon Energy Corporation

6488 Seven Rivers Highway Artesia, New Mexico 88210 575 748 1844 Direct 432 301 3223 Mobile



Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.

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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.

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Form C-141	State of New Mexico	Oil Conservation Division	Incident ID	
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			Facility ID	
			Application ID	
I hereby certify that the info regulations all operators are public health or the environ failed to adequately investig addition, OCD acceptance of and/or regulations. Printed Name: Signature: email:	bormation given above is true and complete to the required to report and/or file certain release norment. The acceptance of a C-141 report by the gate and remediate contamination that pose a the of a C-141 report does not relieve the operator of a C-141 report does not relieve the operator of a C-141 report does not relieve the operator of a C-141 report does not relieve the operator of a C-141 report does not relieve the operator of a C-141 report does not relieve the operator of a C-141 report does not relieve the operator of a C-141 report does not relieve the operator of a C-141 report does not relieve the operator of a C-141 report does not relieve the operator of a C-141 report does not relieve the operator of a C-141 report does not relieve the operator of a C-141 report does not relieve the operator of a C-141 report does not relieve the operator of a C-141 report does not relieve the operator of a C-141 report does not relieve the operator ope	e best of my knowled otifications and perfor OCD does not reliev reat to groundwater, i of responsibility for c 	lge and understand that pursu rm corrective actions for rele re the operator of liability sho surface water, human health ompliance with any other fec	uant to OCD rules and ases which may endanger buld their operations have or the environment. In deral, state, or local laws
OCD Only				
Received by:		Date:		

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<u>Remediation Plan Checklist</u>: Each of the following items must be included in the plan.

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Remediation 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 con	firmed as part of any request for deferral of remediation.				
Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.					
Extents of contamination must be fully delineated.					
Contamination does not cause an imminent risk to human health, the environment, or groundwater.					
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.Printed Name:Title: $Dalla LLlaa dalla5/23/2023$					
email:	Date:				
	1				
OCD Only					
Received by:	Date:				
Approved Approved with Attached Conditions of A	Approval Denied Deferral Approved				
Signature:	Date:				

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Oil Conservation Division

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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 comple and regulations all operators are required to report and/or file certa may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and re human health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regul restore, reclaim, and re-vegetate the impacted surface area to the co accordance with 19.15.29.13 NMAC including notification to the C	ete to the best of my knowledge and understand that pursuant to OCD rules in release notifications and perform corrective actions for releases which f a C-141 report by the OCD does not relieve the operator of liability mediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in DCD when reclamation and re-vegetation are complete.			
Printed Name:	Title:			
Signature: Dale Woodall	Date:5/23/2023			
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:			

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

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

District III

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

District IV

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

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

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	219595
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By Condition

rhamlet We have received your closure report and final C-141 for Incident #NAB1801849148 SNAPPING 2 STATE #006H, thank you. This closure is approved. 10/16/2023

CONDITIONS

Action 219595

Condition Date