Received by OCD: 11/3/2023 10:28:32 AM Form C-141 State of New Mexico

Page 3

Oil Conservation Division

	Page 1 of 125
Incident ID	nAB1633633401
District RP	2RP-4009
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	UNKNOW (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.

Received by OCD: 11/3/2023 10:28:32 AM Form C-141 State of New Mex			Page 2 of 12:		
Form C-141				nAB1633633401	
Page 4	Oil Conservation Division		District RP	2RP-4009	
			Facility ID		
			Application ID		
regulations all op public health or th failed to adequate addition, OCD ac and/or regulations Printed Name: Signature: email:	hat the information given above is true and complete to the erators are required to report and/or file certain release not the environment. The acceptance of a C-141 report by the C ely investigate and remediate contamination that pose a thr exceptance of a C-141 report does not relieve the operator of s. Dale Woodall Moodall Woodall@dvn.com	ifications and perform co OCD does not relieve the eat to groundwater, surfa	rrective actions for relea operator of liability sho ce water, human health iance with any other feo fessional	ases which may endanger ould their operations have or the environment. In	
OCD Only					
Received by: <u>S</u>	Shelly Wells	Date: <u>11/3/2</u>	.023		

Received by OCD: 11/3/2023 10:28:32 AM Form C-141 State of New Mexico Oil Conservation Division Page 5

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Incident ID	nAB1633633401
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Application ID

Remediation Plan

<u>Remediation Plan Checklist</u> : 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 Proposed schedule for remediation (note if remediation plan time 	
<u>Deferral Requests Only</u> : Each of the following items must be conf	irmed as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around prodeconstruction.	duction equipment where remediation could cause a major facility
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 rules and regulations all operators are required to report and/or file ce which may endanger public health or the environment. The acceptan liability should their operations have failed to adequately investigate surface water, human health or the environment. In addition, OCD a responsibility for compliance with any other federal, state, or local la	rtain release notifications and perform corrective actions for releases ce of a C-141 report by the OCD does not relieve the operator of and remediate contamination that pose a threat to groundwater, cceptance of a C-141 report does not relieve the operator of
Printed Name: Dale Woodall	Title: _EHS Professional
Signature: Dala Woodall	Date: 11/3/2023
email: Dale.Woodall@dvn.com	Telephone: 575-748-1838
OCD Only	
Received by: <u>Shelly Wells</u>	Date: <u>11/3/2023</u>
Approved Approved with Attached Conditions of A	Approval Denied Deferral Approved
Signature:	Date:

Released to Imaging: 11/6/2023 7:40:33 AM

Incident ID	nAB1633633401
District RP	2RP-4009
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.

<u>Closure Report Attachment Checklist</u> : Each of the following it	tems must be included in the closure report.
A scaled site and sampling diagram as described in 19.15.29.1	11 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note: appropriate OD	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
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 C- Printed Name: Dale Woodall	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.
Signature: Dale Woodall	Date: 11/3/2023
email: Dale.Woodall@dvn.com	Date: <u>11/3/2023</u> Telephone: 575-748-1838
OCD Only	
Received by: <u>Shelly Wells</u>	Date: <u>11/3/2023</u>
	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>Ashley Maxwell</u>	Date: 11/06/2023
Printed Name: Ashley Maxwell	Title: Environmental Specialist

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.Devon Energy Ross Ranch 10 Fed #001

Closure Report Section 10, T26S, R31E Lea County, New Mexico

Incident ID: nAB1633633401 (2RP-4009)

June 18, 2020 Amended



Prepared for: Devon Energy P.O. Box 250 Artesia, NM 88211

By: Safety & Environmental Solutions, Inc. 703 East Clinton 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 site remediation on the Ross Ranch 10 Fed #001.

Surface and Ground Water

According to research of The New Mexico Office of the State Engineer there were no records for Township 26S, Range 31E, and Section 10, however the records indicate depth to groundwater to be an average of 317' bgs. for this area. The nearest POD for this site is C 02090 with a depth to water of 335' bgs.

On April 17, 2023, a temporary well with the identifier POD 1 (TW-1)/OSE File Number C-4700 was drilled 55 feet below the surface of the ground. No groundwater was discovered. The POD is located approximately 0.35 miles northwest of the Ross Ranch 10 Fed #001.

Characterization

This has been remediated in accordance the NMOCD published guidelines (July 24, 2018). Furthermore, all pasture impact was remediated in accordance with Spill Rule 19.15.29 NMAC, and BLM guidelines. The site ranking and soil screening levels as presented in the table below:

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**		
·	Chloride***	EPA 300.0 or SM4500 CI B	600 mg/kg		
<u>≤</u> 50 feet	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg		
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg		
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg		
	Chloride***	EPA 300.0 or SM4500 CI B	10,000 mg/kg		
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg		
51 feet-100 feet	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 (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg		
>100 feet	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg		
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg		
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg		

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

The soil classification for this area is of the Simona-Pajarito association: Sandy, deep soils and soils that are shallow to caliche, from wind-worked deposits.

Work Performed

Incident ID: nAB1633633401 (Remediation Permit Number 2RP-4009)

A C-141 notification was filed with the NMOCD regarding an incident that occurred on November 19, 2016, whereby approximately 15 BBLS of produced water from a split fitting on the water line causing a release onto the pad and pasture area. Devon personnel dispatched a vacuum truck that was able to recover 12 BBLS of fluid, thereby minimizing the impact. The release was located on the South side of the tanks on pad and nearby pasture area. This spill impacted an approximate 3'x100' area that was remediated simultaneously with the latest incident.

June 11, 2019, SESI traversed the release area located on the location's south side (south of tank battery). The location was photographed, and the affected areas were mapped. SESI traversed the release areas to identify the locations for auger hole installation for soil testing. Five auger openings were advanced in total. SESI collected soil samples from the spill area on the south side of the tanks as well as the adjacent pasture.

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 Energy									
Ross Ranch 10 Fed 1 SWD									
Soil Sample Results: Hall Environmental Analysis Laboratory, Inc. (2RP-4009) 6/11/2019									
Sample ID	Chloride	Benzene	Toluene	Ethyl	Total	GRO	DRO	MRO	
	(mg/kg)	(mg/kg)	(mg/kg)	Benzene	Xylenes	(mg/kg)	(mg/kg)	(mg/kg)	
				(mg/kg)	(mg/kg)				
AH-1 Surface	4800	ND	ND	ND	ND	ND	170	860	
AH-1 @ 1ft	2300	ND	ND	ND	ND	ND	19	100	
AH-2 Surface	550	ND	ND	ND	ND	ND	3400	8000	
AH-2 @ 1ft	2300	ND	ND	ND	ND	ND	18	97	
AH-3 Surface	8300	ND	ND	ND	ND	ND	43	160	
AH-3 @ 1ft	4200	ND							
AH-3 @ 2.5ft	ND	ND	ND	ND	ND	ND	ND	ND	
AH-4 @ Surface	910	ND	ND	ND	ND	ND	620	1000	
AH-4 @ 1ft	3400	ND							
AH-4 @ 2.5ft	ND	ND	ND	ND	ND	ND	ND	ND	
AH-5 @ Surface	2100	ND	ND	ND	ND	ND	13	110	
AH-5 @ 1ft	3400	ND							
AH-5 @ 2.5ft	ND	ND	ND	ND	ND	ND	ND	ND	

The installation and advancement of auger holes as well as the subsequent analysis of soil extracted from them indicate that the vertical migration of the chlorides does not extend deeper than 2.5' bgs. for any incident.

Areas with chloride concentrations greater than 400 ppm were excavated to a depth of 2'. The soil was blended with soil from areas with less concentrations, and fresh topsoil to a level no greater than 400 ppm and used for backfill. All impacted soil was transported offsite for disposal to an NMOCD approved facility. The site was returned to grade.

April 8, 2020, confirmation soil samples were retrieved from the spill area on the southeast side pasture area.

All soil samples were properly packaged, preserved, and transported to Hall Laboratories via Chain of Custody for analyses of Chloride (Cl 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 Energy									
Ross Ranch 10 Fed 1 SWD									
Soil Sample Results: Hall Environmental Analysis Laboratory, Inc.(2RP-4009) 4/8/2020									
Sample ID	Chloride (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl Benzene (mg/kg)	Total Xylenes (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	
SA1 @ Surface	970	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
SA1 @ 1'	470	ND	ND	ND	ND	N/A	N/A	N/A	
SA2 @ Surface	190	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
SA2 @ 1'	360	ND	ND	ND	ND	N/A	N/A	N/A	
SA3 @ Surface	330	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
SA3 @ 1'	280	ND	ND	ND	ND	N/A	N/A	N/A	
SA4 @ Surface	ND	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
SA4 @ 1'	ND	ND	ND	ND	ND	N/A	N/A	N/A	
SA5 @ Surface	ND	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
SA5 @ 1'	ND	ND	ND	ND	ND	N/A	N/A	N/A	
SA6 @ Surface	ND	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
SA6 @ 1'	ND	ND	ND	ND	ND	N/A	N/A	N/A	
SA7 @ Surface	ND	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
SA7 @ 1'	ND	ND	ND	ND	ND	N/A	N/A	N/A	
SA8 @ Surface	ND	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
SA8 @ 1'	ND	ND	ND	ND	ND	N/A	N/A	N/A	

On June 4 and 5, 2020, SESI personnel along with a three-man crew to excavate the area on the west end of the battery which in the last sampling had elevated levels of chlorides. The area was excavated and backfilled with new caliche and the contaminated soil was transported to a NMOCD approved disposal facility.

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 Energy											
	Ross Ranch 10 Fed 1 SWD											
Soil Sample Results: Hall Environmental Analysis Laboratory, Inc. 06/04/2020												
Sample ID Chloride Benzene Toluene Ethyl Total GRO DRO MRO												
	(mg/kg)	(mg/kg)	(mg/kg)	Benzene	Xylenes	(mg/kg)	(mg/kg)	(mg/kg)				
				(mg/kg)	(mg/kg)							
Bottom 1 ft	100	ND										
Bottom 2 1ft	ND	ND	ND	ND	ND	ND	ND	ND				
West	150	ND										
South	150	ND										
North	210	ND										
East	210	ND										

On August 21, 2023 SESI arrived onsite to collect samples to delineate the area that was remediated earlier to check the backfilled area for contamination at intervals ranging from 0-2 ft. bgs. 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 Energy											
		R	oss Ranch [·]	10 Fed 1 SW	D						
	nple Results			-							
Sample ID	Chloride Benzene Tolue (mg/kg) (mg/kg) (mg/k			Ethyl Benzene (mg/kg)	Total Xylenes (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)			
CS1-Surface	ND	0.033	0.075	ND	ND	ND	12	53			
CS1-1'	ND	ND	ND	ND	ND	ND	ND	ND			
CS1-2'	ND	ND	ND	ND	ND	ND	ND	ND			
CS2-Surface	ND	ND	ND	ND	ND	ND	ND	ND			
CS2-1'	ND	ND	ND	ND	ND	ND	ND	ND			
CS2-2'	ND	ND	ND	ND	ND	ND	ND	ND			
CS3-Surface	ND	ND	ND	ND	ND	ND	ND	ND			
CS3-1'	ND	ND	ND	ND	ND	ND	ND	ND			
CS3-2'	170	ND	ND	ND	ND	ND	ND	ND			
CS4-Surface	ND	ND	0.091	ND	ND	ND	ND	ND			
CS4-1'	ND	ND	ND	ND	ND	ND	ND	ND			
CS4-2'	60	ND	ND	ND	ND	ND	ND	ND			
CS5-Surface	ND	ND	0.060	ND	ND	ND	ND	ND			
CS5-1'	ND	ND	ND	ND	ND	ND	ND	ND			
CS5-2'	ND	ND	ND	ND	ND	ND	ND	ND			
CS6-Surface	ND	0.035	0.083	ND	ND	ND	ND	ND			
CS6-1'	ND	ND	ND	ND	ND	ND	ND	ND			
CS6-2'	ND	ND	ND	ND	ND	ND	ND	ND			

The delineation samples of the backfilled area indicate contaminant levels below the target of 600 ppm Cl. 100 ppm TPH and 50 ppm BTEX.

Conclusion

Remedial actions at this site have all been performed with the approval of, and in accordance with all New Mexico Oil Conservation Division (NMOCD) requirements.

As a result, we respectfully submit this closure report for your consideration and approval.

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



Received by OCD: 11/3/2023 10:28:32 AM

Devon Energy

Ross Ranch 10 Federal #1 Incident ID: nMLB1215052644 (2RP-1136) Incident ID: nAB1915042001 (2RP-5457) Incident ID: nAB1633633401 (2RP-4009) Incident ID: nAB1728628311 (2RP-4434) Sundry Notice (BLM)

Confirmation samples

SA-2 X West X East X X South X 2RP-5457

> SA-3 2RP-4009

> > SA-4 SA-5

e 12 of 125

100 ft



Received by OCD: 11/3/2023 10:28:32 AM

Devon, Ross Ranch 10 Fed 1 SWD



Wells	- Large Scale	∗	CO2, Temporarily Abandoned	ø	Injection, Cancelled	•	Oil, Plugged	٠
7	undefined	\diamond	Gas, Active	ø	Injection, New	٠	Oil, Temporarily Abandoned	ő
	Miscellaneous	\Leftrightarrow	Gas, Cancelled	ø	Injection, Plugged	۵	Salt Water Injection, Active	٠
⋇	CO2, Active	\$	Gas, New	ø	Injection, Temporarily Abandoned	\hat{m}	Salt Water Injection, Cancelled	٠
*	CO2, Cancelled	\$	Gas, Plugged	•	Oil, Active	۸	Salt Water Injection, New	
*	CO2, New	÷	Gas, Temporarily Abandoned	۰	Oil, Cancelled	۵	Salt Water Injection, Plugged	*
*	CO2, Plugged	ø	Injection, Active	•	Oil, New	٨	Salt Water Injection, Temporarily Abandoned	

- Released to Imaging: 11/6/2023 7:40:33 AM

- Water, Active
- Water, Cancelled
- Water, New
- Water, Plugged
- Water, Temporarily Abandoned
- OCD District Offices



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

New Mexico Oil Conservation Division NM OCD Oil and Gas Map. http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75: New Mexico Oil Conservation Division

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)	(R=POD replaced, O=orpha C=the file closed)	ned,	(qu						E 3=SW argest)	,	3 UTM in meter	rs) (In feet)	
		POD Sub-		0	0	0								
POD Number	Code		County		· ·	-	Sec	Tws	Rno	х	Y	DepthWellDept		Vater
<u>C 01777</u>	cout	C	ED	51	- 0	•	08	26S		613245	3547409*	325	300	2
<u>C 02090</u>		С	ED		4	4	01	26S	31E	620329	3548533* 🥘	350	335	1
C 02248		CUB	ED	1	2	3	08	26S	31E	612942	3547316* 🥘	300	292	
C 02249		CUB	ED	1	2	3	08	26S	31E	612942	3547316*	300	292	
C 03554 POD1		CUB	ED	2	1	4	01	26S	31E	620547	3549148	630	300	33
C 03639 POD1		CUB	ED	3	4	2	01	26S	31E	620168	3549279	700	365	33
C 04256 POD1		С	ED	4	4	2	01	26S	31E	620384	3549257	666	340	32
											Average Depth	to Water:	317 fee	t
											Minim	um Depth:	292 fee	t
											Maximu	im Depth:	365 fee	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.

6/7/19 8:31 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



2904 W 2nd St. Roswell, NM 88201 voice 575.624.2420 fax: 575.624.2421 www.afkinseng.com

April 26, 2023

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

Hand Delivered to the DII Office of the State Engineer

Re: Well RecordC-04700 Pod-1

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-04700 Pod-1.

.

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

.

Sincerely,

Groon Middland

Lucas Middleton

Enclosures: as noted above

.



WELL RECORD & LOG **OFFICE OF THE STATE ENGINEER**

27 2922 m. 145

www.ose.state.nm.us

				-		_					_			
NO	ose pod no. POD 1 (TW		.)	WE N/A	LL TAG ID NO. A			OSE FILI C-0470		3).				
OCATI	WELL OWNER Devon Ener			M				PHONE (575-748						
GENERAL AND WELL LOCATION	well owne 6488 7 Riv		ADDRESS					CITY Artesia				STATE NM	88210	ZIP
L AND	WELL LOCATION		DE	GREES 1 32	minutes 3	seconds 48.97	N	* ACCU	RACY	REQUIRED:	ONE TENT	H OF A S	ECOND	
NERA	(FROM GPS	5)		103	45	47.89	W	* DATU	M REÇ	UIRED: WG	5 84			
1. GE			IG WELL LOCATION TO F26S R31E NMPM	STREET ADDRESS .	AND COMMON	LANDMARK	IS – PLS	S (SECTIO	N, TO	WNSHJIP, RA	NGE) WHE	RE AVA	ILABLE	
	LICENSE NO. 124	9	NAME OF LICENSED		e D. Atkins					NAME OF			OMPANY Associates, I	nc.
	DRILLING ST	ARTED	DRILLING ENDED	DEPTH OF COMPLI	TED WELL (FT			le depth ±55	(FT)					
	4/17/2		4/17/23		Well Materia			STATIC WATER LEVEL DATE STA				DATE STATIC	MEASURED	
NO	COMPLETED		ARTESIAN	DRY HOLE	SHALLOV			IN (F		LETED WEL	L N/A	A	4/25	/23
IAT	DRILLING FL		AIR	MUD		BS – SPECIFY					CHECK	JEDE 161	PITLESS ADAI	
2. DRILLING & CASING INFORMATION		_	ROTARY HAMM				: H	Iollow S	tem A	-	INSTALL	.ED	TILESS ADAI	
U D	DEPTH (FROM	TO	BORE HOLE DIAM	CASING MAT	ERIAL AND	OK		ASING NECTION	J	CASI INSIDE I			NG WALL CKNESS	SLOT SIZE
ASIN	(include each		casing string, a		Т	TYPE ling diamet		(inch			(inches) (in			
& C	0	55	±6.25	Soil	Boring								-	
ING						_								
RILI			-	-		-			-					-
2. D							_							
			0			*	_		_				çı.	
						-			-	_	-			
											_			
	DEPTH	6			DET LA DATE				-			-		
AL	DEPTH (TO	BORE HOLE DIAM. (inches)		NNULAR SE PACK SIZE-						OUNT nic feet)		METHO PLACEN	
ANNULAR MATERIAL	TROM				N	/A								
MAJ							_							
LAR		_							-			-		
NNU		_		1										
3. A							_		_			_		
							_					100		0.000
	. OSE INTERI E NO.	NAL USE			POD NO.				VR-20 FRN N		CORD &	LOG	Version 01/2	8/2022)
-	ATION							WELL T.	AG II	D NO.	-		PAGE	1 OF 2

WELL TAG ID NO.

•

1	DEPTH (feet bgl)	THICKNESS	COLOR AN	D TYPE OF MATERIAL EI	NCOUN	TERED -		WATE	R	ESTIMATEI YIELD FOR
	FROM	то	THICKNESS (feet)		R-BEARING CAVITIES O			s	BEARIN (YES / N	·	WATER- BEARING ZONES (gpn
	0	4	4	Sand, medium-fi	ne grained, poorly, graded, u	inconsoli	idated, brown		Y,	/ N	
	4	30	36	Calich	e, with silt semi-consolidate	d, white/	tan		Y ,	N	
	30	55	25	Sand, fine-	grained, poorly, graded, und	onsolida	ited, tan		Y v	N	
									Y	N	
									Y	N	
Ţ									Y	N	
4. HYDROGEOLOGIC LOG OF WELL									Y	N	
OF									Y	N	
90									Y	N	
ICI									Y	N	
FO									Y	N	
GEO		j							Y	N	
RO									Y	N	
НУГ									Y	N	
4									Y	N	
									Y	N	
						_			Y	N	
							_		Y	N	
									Y	N	
									Y	N	
						_			Y	N	
	METHOD U			OF WATER-BEARING	3 STRATA: HER – SPECIFY:				L ESTIMA L YIELD (į		0.00
TEST; RIG SUPERVISION	WELL TES	I STAR	T TIME, END TIL	ME, AND A TABLE SH emporary well materia low ground surface(b	A COLLECTED DURING IOWING DISCHARGE AN I removed and soil boring gs), then hydrated benton	D DRAV g backfi	WDOWN OV lled using di s ten feet bg	ER THI ill cutt s to sur	E TESTING ings from t face.	PERIO	D. opth to ten fee
; RIG S				apping 10 Federal 11	I		ः <u>।</u> जन्म क	تدليا ساتا	HAR 20	للمنبكة أتكمله	P ^{2 + 5}
5. TEST	PRINT NAM Shane Eldri			VISOR(S) THAT PRO	VIDED ONSITE SUPERVI	SION OI	F WELL CON	STRUC	CTION OTH	IER TH	AN LICENSE
SIGNATURE	CORRECT	RECORD C	F THE ABOVE E	ESCRIBED HOLE AN	EST OF HIS OR HER KNO D THAT HE OR SHE WIL PLETION OF WELL DRILL	LFILE	GE AND BEL THIS WELL I	JEF, TI RECOR	HE FOREGO D WITH TH	DING I HE STA	S A TRUE AN ATE ENGINE
6. SIGN	Jack	Atkins			ckie D. Atkins	-	-		4/26/2	23	
		SIGNAT	URE OF DRILLE	R / PRINT SIGNEE	NAME				D	ATE	
FO	R OSE INTER	NAL USE					WR-20 WE	LL REC	CORD & LO	G (Ver	sion 01/28/20
	E NO.				POD NO.		TRN NO.		_		
LO	CATION					WELL	TAG ID NO.				PAGE 2 OF



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State	Engineer Woowner: Dev	ell Number: <u>C</u> on Energy	-04700100-1			Phone	No . 575	-748-1838	
	ng address:	0400 T D'	s Hwy			THONE	NU		
	Artesia			State:		New Mexico		Zip code:	88210
<u>II. W</u>	VELL PLUC	GGING INFO	RMATION:						
1)	Name of	well drilling c	ompany that plugge	ed well: Ja	ckie D. A	tkins (Atkins E	ngineering	Associates I	nc.)
2)	New Me	xico Well Drill	er License No.: 12	249			Expira	tion Date:	04/30/25
3)		gging activities Idridge, Lupe L	s were supervised b .eyba	y the follow	ving well	driller(s)/rig su	pervisor(s):	
4)	Date wel	l plugging beg	an: 4/25/23	_	Date	well plugging co	oncluded:	4/25/23	
5)	GPS We	ll Location:	Latitude: Longitude:	32 103	deg, deg,	3 min, 45 min,	48.97 47.89	sec sec, WGS	84
6)			d at initiation of pluer: weighted tape	agging as:	55	ft below grou	und level (bgl),	
7)	Static wa	ter level measu	ured at initiation of	plugging:	n/a				
8)	Date wel	l plugging plar	of operations was	approved b	y the Sta	te Engineer:	1/25/2023	-	
9)	Were all differenc	plugging actives between the	ities consistent with approved plugging	n an approv g plan and tl	ed plugg ne well a	ing plan? s it was plugged	Yes l (attach ac	If not, p Iditional pag	blease describ es as needed):
								VI - 27	مربع المحقق

Version: September 8, 2009 Page 1 of 2

Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with 10) horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary,

	0-10' Hydrated Bentonite	Approx. 15 gallons	15 gallons		annular space also plugged", etc.)
_		1		Augers	
8	10'-55' Drill Cuttings	Approx. 71 gallons	71 gallons	Boring	
-					
1					
	- - -				
	- 		8	5	ø
-]	MULTIPLY cubic feet x 7 cubic ards x 201	BY AND OBTAIN 4805 = gallons .97 = gallons		2023 PML: 445

For each interval plugged, describe within the following columns:

III. SIGNATURE:

I. Jackie D. Atkins ____, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Jack Atkins 4/26/23

Signature of Well Driller

Date

Version: September 8, 2009 Page 2 of 2

36-C-4700-WR-20 Well Record and Log-packetforsign

Final Audit Report

2023-04-26

Created:	2023-04-26
By:	Lucas Middleton (lucas@atkinseng.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAA7kP8N6FF5p7DLtbacrXsBro4EK6_i7in

"36-C-4700-WR-20 Well Record and Log-packet-forsign" History

- Document created by Lucas Middleton (lucas@atkinseng.com) 2023-04-26 - 3:25:06 PM GMT- IP address: 64.17.82.146
- Document emailed to Jack Atkins (jack@atkinseng.com) for signature 2023-04-26 - 3:25:29 PM GMT
- Email viewed by Jack Atkins (jack@atkinseng.com) 2023-04-26 - 3:51:06 PM GMT- IP address: 64.90.153.232
- Document e-signed by Jack Atkins (jack@atkinseng.com) Signature Date: 2023-04-26 - 3:54:42 PM GMT - Time Source: server- IP address: 64.90.153.232
- Agreement completed. 2023-04-26 - 3:54:42 PM GMT

USE 27 2023 PM :43





Received by OCD: 11/3/2023 10:28:32 AM National Flood Hazard Layer FIRMette



Legend

regulatory purposes.

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Releasea to Imaging: 11/6/2023 9.40:33 AM 1,500 2.000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020



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

June 19, 2019

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

RE: Devon Ross Ranch 10 Fed 1 2RP 4009

OrderNo.: 1906574

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 13 sample(s) on 6/11/2019 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Lab ID:

CLIENT: Safety & Environmental Solutions

1906574-001

Analytical Report Lab Order 1906574

Date Reported: 6/19/2019

Hall Environmental Analysis Laboratory, Inc.

Devon Ross Ranch 10 Fed 1 2RP 4009

Client Sample ID: AH-1 Surface Collection Date: 6/7/2019 2:15:00 PM Received Date: 6/11/2019 9:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	MRA
Chloride	4800	150		mg/Kg	50	6/18/2019 12:49:20 PM	45618
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS					Analyst	BRM
Diesel Range Organics (DRO)	170	94		mg/Kg	10	6/13/2019 6:20:31 PM	45543
Motor Oil Range Organics (MRO)	860	470		mg/Kg	10	6/13/2019 6:20:31 PM	45543
Surr: DNOP	0	70-130	S	%Rec	10	6/13/2019 6:20:31 PM	45543
EPA METHOD 8015D: GASOLINE RANGE						Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/13/2019 12:40:18 PM	45509
Surr: BFB	113	73.8-119		%Rec	1	6/13/2019 12:40:18 PM	45509
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	ND	0.024		mg/Kg	1	6/13/2019 12:40:18 PM	45509
Toluene	ND	0.049		mg/Kg	1	6/13/2019 12:40:18 PM	45509
Ethylbenzene	ND	0.049		mg/Kg	1	6/13/2019 12:40:18 PM	45509
Xylenes, Total	ND	0.097		mg/Kg	1	6/13/2019 12:40:18 PM	45509
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	1	6/13/2019 12:40:18 PM	45509

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 1 of 19

1906574-002

Project:

Lab ID:

Analyses

Analytical Report Lab Order 1906574

Date Reported: 6/19/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: AH-1 1ft Devon Ross Ranch 10 Fed 1 2RP 4009 Collection Date: 6/7/2019 2:25:00 PM Matrix: SOIL Received Date: 6/11/2019 9:05:00 AM Result **RL** Oual Units DF Date Analyzed Batch

		-			•	
EPA METHOD 300.0: ANIONS					Analyst	: smb
Chloride	2300	60	mg/Kg	20	6/17/2019 2:18:00 PM	45618
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	BRM
Diesel Range Organics (DRO)	19	9.6	mg/Kg	1	6/13/2019 6:42:55 PM	45543
Motor Oil Range Organics (MRO)	100	48	mg/Kg	1	6/13/2019 6:42:55 PM	45543
Surr: DNOP	118	70-130	%Rec	1	6/13/2019 6:42:55 PM	45543
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/13/2019 1:03:23 PM	45509
Surr: BFB	113	73.8-119	%Rec	1	6/13/2019 1:03:23 PM	45509
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	6/13/2019 1:03:23 PM	45509
Toluene	ND	0.050	mg/Kg	1	6/13/2019 1:03:23 PM	45509
Ethylbenzene	ND	0.050	mg/Kg	1	6/13/2019 1:03:23 PM	45509
Xylenes, Total	ND	0.099	mg/Kg	1	6/13/2019 1:03:23 PM	45509
Surr: 4-Bromofluorobenzene	103	80-120	%Rec	1	6/13/2019 1:03:23 PM	45509

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

- 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 2 of 19

Lab ID:

CLIENT: Safety & Environmental Solutions

1906574-003

Analytical Report Lab Order 1906574

Date Reported: 6/19/2019

Hall Environmental Analysis Laboratory, Inc.

Devon Ross Ranch 10 Fed 1 2RP 4009

Client Sample ID: AH-2 Surface Collection Date: 6/7/2019 2:30:00 PM Received Date: 6/11/2019 9:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	t: smb
Chloride	550	60		mg/Kg	20	6/17/2019 2:30:24 PM	45618
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analys	t: BRM
Diesel Range Organics (DRO)	3400	95		mg/Kg	10	6/13/2019 7:05:11 PM	45543
Motor Oil Range Organics (MRO)	8000	480		mg/Kg	10	6/13/2019 7:05:11 PM	45543
Surr: DNOP	0	70-130	S	%Rec	10	6/13/2019 7:05:11 PM	45543
EPA METHOD 8015D: GASOLINE RANGE						Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/13/2019 1:26:29 PM	45509
Surr: BFB	119	73.8-119		%Rec	1	6/13/2019 1:26:29 PM	45509
EPA METHOD 8021B: VOLATILES						Analys	t: NSB
Benzene	ND	0.024		mg/Kg	1	6/13/2019 1:26:29 PM	45509
Toluene	ND	0.048		mg/Kg	1	6/13/2019 1:26:29 PM	45509
Ethylbenzene	ND	0.048		mg/Kg	1	6/13/2019 1:26:29 PM	45509
Xylenes, Total	ND	0.097		mg/Kg	1	6/13/2019 1:26:29 PM	45509
Surr: 4-Bromofluorobenzene	117	80-120		%Rec	1	6/13/2019 1:26:29 PM	45509

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 3 of 19

1906574-004

Project:

Lab ID:

Analytical Report Lab Order 1906574

Date Reported: 6/19/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: AH-2 1ft Devon Ross Ranch 10 Fed 1 2RP 4009 Collection Date: 6/7/2019 2:45:00 PM Matrix: SOIL Received Date: 6/11/2019 9:05:00 AM

Result	RL	Qual Units	DF	Date Analyzed	Batch
				Analyst	: smb
2300	60	mg/Kg	20	6/17/2019 2:42:49 PM	45618
GANICS				Analyst	: BRM
18	9.9	mg/Kg	1	6/17/2019 8:00:06 PM	45543
97	49	mg/Kg	1	6/17/2019 8:00:06 PM	45543
125	70-130	%Rec	1	6/17/2019 8:00:06 PM	45543
				Analyst	: NSB
ND	4.9	mg/Kg	1	6/13/2019 2:12:55 PM	45509
115	73.8-119	%Rec	1	6/13/2019 2:12:55 PM	45509
				Analyst	: NSB
ND	0.025	mg/Kg	1	6/13/2019 2:12:55 PM	45509
ND	0.049	mg/Kg	1	6/13/2019 2:12:55 PM	45509
ND	0.049	mg/Kg	1	6/13/2019 2:12:55 PM	45509
ND	0.098	mg/Kg	1	6/13/2019 2:12:55 PM	45509
109	80-120	%Rec	1	6/13/2019 2:12:55 PM	45509
	2300 IGANICS 18 97 125 ND 115 ND ND ND ND ND	2300 60 GANICS 18 9.9 97 49 125 70-130 ND 4.9 115 73.8-119 ND 0.025 ND 0.049 ND 0.049 ND 0.098	2300 60 mg/Kg 18 9.9 mg/Kg 97 49 mg/Kg 125 70-130 %Rec ND 4.9 mg/Kg 115 73.8-119 %Rec ND 0.025 mg/Kg ND 0.049 mg/Kg ND 0.049 mg/Kg ND 0.098 mg/Kg	2300 60 mg/Kg 20 (GANICS) 18 9.9 mg/Kg 1 97 49 mg/Kg 1 125 70-130 %Rec 1 ND 4.9 mg/Kg 1 115 73.8-119 %Rec 1 ND 0.025 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.098 mg/Kg 1	Analyst 2300 60 mg/Kg 20 6/17/2019 2:42:49 PM (GANICS Analyst 18 9.9 mg/Kg 1 6/17/2019 8:00:06 PM 97 49 mg/Kg 1 6/17/2019 8:00:06 PM 125 70-130 %Rec 1 6/17/2019 8:00:06 PM 125 70-130 %Rec 1 6/17/2019 8:00:06 PM Analyst ND 4.9 mg/Kg 1 6/13/2019 2:12:55 PM 115 73.8-119 %Rec 1 6/13/2019 2:12:55 PM ND 0.025 mg/Kg 1 6/13/2019 2:12:55 PM ND 0.049 mg/Kg 1 6/13/2019 2:12:55 PM

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
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 4 of 19

1906574-005

Project:

Lab ID:

Analytical Report Lab Order 1906574

Date Reported: 6/19/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: AH-3 Surface Devon Ross Ranch 10 Fed 1 2RP 4009 Collection Date: 6/7/2019 2:50:00 PM Matrix: SOIL Received Date: 6/11/2019 9:05:00 AM Qual Unite DF Data Analyzad D 14 пт **D** / I

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	MRA
Chloride	8300	590		mg/Kg	200	6/18/2019 1:01:44 PM	45618
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst	BRM
Diesel Range Organics (DRO)	43	9.8		mg/Kg	1	6/17/2019 8:22:13 PM	45543
Motor Oil Range Organics (MRO)	160	49		mg/Kg	1	6/17/2019 8:22:13 PM	45543
Surr: DNOP	132	70-130	S	%Rec	1	6/17/2019 8:22:13 PM	45543
EPA METHOD 8015D: GASOLINE RANGE						Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/14/2019 2:53:00 PM	45509
Surr: BFB	114	73.8-119		%Rec	1	6/14/2019 2:53:00 PM	45509
EPA METHOD 8021B: VOLATILES						Analyst	NSB
Benzene	ND	0.024		mg/Kg	1	6/14/2019 2:53:00 PM	45509
Toluene	ND	0.049		mg/Kg	1	6/14/2019 2:53:00 PM	45509
Ethylbenzene	ND	0.049		mg/Kg	1	6/14/2019 2:53:00 PM	45509
Xylenes, Total	ND	0.098		mg/Kg	1	6/14/2019 2:53:00 PM	45509
Surr: 4-Bromofluorobenzene	113	80-120		%Rec	1	6/14/2019 2:53:00 PM	45509

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
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 5 of 19

Lab ID:

CLIENT: Safety & Environmental Solutions

1906574-006

Analytical Report Lab Order 1906574

Date Reported: 6/19/2019

Hall Environmental Analysis Laboratory, Inc.

Devon Ross Ranch 10 Fed 1 2RP 4009

 Client Sample ID: AH-3 1ft

 4009
 Collection Date: 6/7/2019 3:10:00 PM

 Matrix: SOIL
 Received Date: 6/11/2019 9:05:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	4200	150	mg/Kg	50	6/18/2019 1:14:09 PM	45618
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	6/13/2019 8:12:19 PM	45543
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	6/13/2019 8:12:19 PM	45543
Surr: DNOP	121	70-130	%Rec	1	6/13/2019 8:12:19 PM	45543
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/14/2019 4:04:58 PM	45509
Surr: BFB	99.0	73.8-119	%Rec	1	6/14/2019 4:04:58 PM	45509
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.025	mg/Kg	1	6/14/2019 4:04:58 PM	45509
Toluene	ND	0.049	mg/Kg	1	6/14/2019 4:04:58 PM	45509
Ethylbenzene	ND	0.049	mg/Kg	1	6/14/2019 4:04:58 PM	45509
Xylenes, Total	ND	0.099	mg/Kg	1	6/14/2019 4:04:58 PM	45509
Surr: 4-Bromofluorobenzene	100	80-120	%Rec	1	6/14/2019 4:04:58 PM	45509

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 6 of 19

Lab ID:

Analytical Report Lab Order 1906574

Date Reported: 6/19/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: AH-3 2.5ft Devon Ross Ranch 10 Fed 1 2RP 4009 Collection Date: 6/7/2019 3:25:00 PM 1906574-007 Matrix: SOIL Received Date: 6/11/2019 9:05:00 AM Recult DT Qual Units DF Date Analyzed

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	smb
Chloride	ND	60	mg/Kg	20	6/17/2019 3:44:52 PM	45618
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	6/13/2019 8:57:01 PM	45543
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	6/13/2019 8:57:01 PM	45543
Surr: DNOP	117	70-130	%Rec	1	6/13/2019 8:57:01 PM	45543
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	6/14/2019 4:28:49 PM	45509
Surr: BFB	96.7	73.8-119	%Rec	1	6/14/2019 4:28:49 PM	45509
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.024	mg/Kg	1	6/14/2019 4:28:49 PM	45509
Toluene	ND	0.048	mg/Kg	1	6/14/2019 4:28:49 PM	45509
Ethylbenzene	ND	0.048	mg/Kg	1	6/14/2019 4:28:49 PM	45509
Xylenes, Total	ND	0.097	mg/Kg	1	6/14/2019 4:28:49 PM	45509
Surr: 4-Bromofluorobenzene	98.6	80-120	%Rec	1	6/14/2019 4:28:49 PM	45509

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
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Lab ID:

CLIENT: Safety & Environmental Solutions

1906574-008

Analytical Report Lab Order 1906574

Date Reported: 6/19/2019

Hall Environmental Analysis Laboratory, Inc.

Devon Ross Ranch 10 Fed 1 2RP 4009

Client Sample ID: AH-4 Surface Collection Date: 6/7/2019 3:30:00 PM Received Date: 6/11/2019 9:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: smb
Chloride	910	59		mg/Kg	20	6/17/2019 3:57:16 PM	45618
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS					Analyst	BRM
Diesel Range Organics (DRO)	620	94		mg/Kg	10	6/13/2019 9:19:14 PM	45543
Motor Oil Range Organics (MRO)	1000	470		mg/Kg	10	6/13/2019 9:19:14 PM	45543
Surr: DNOP	0	70-130	S	%Rec	10	6/13/2019 9:19:14 PM	45543
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/14/2019 4:52:37 PM	45509
Surr: BFB	93.5	73.8-119		%Rec	1	6/14/2019 4:52:37 PM	45509
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	ND	0.025		mg/Kg	1	6/14/2019 4:52:37 PM	45509
Toluene	ND	0.050		mg/Kg	1	6/14/2019 4:52:37 PM	45509
Ethylbenzene	ND	0.050		mg/Kg	1	6/14/2019 4:52:37 PM	45509
Xylenes, Total	ND	0.099		mg/Kg	1	6/14/2019 4:52:37 PM	45509
Surr: 4-Bromofluorobenzene	96.3	80-120		%Rec	1	6/14/2019 4:52:37 PM	45509

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 1906574

Date Reported: 6/19/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: AH-4 1ft Collection Date: 6/7/2019 3:45:00 PM **Project:** Devon Ross Ranch 10 Fed 1 2RP 4009 Lab ID: 1906574-009 Matrix: SOIL Received Date: 6/11/2019 9:05:00 AM Result **RL** Oual Units **DF** Date Analyzed Analyses Batch **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride 3400 150 mg/Kg 50 6/18/2019 1:26:34 PM 45618 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM **Diesel Range Organics (DRO)** ND 9.7 mg/Kg 1 6/13/2019 9:41:38 PM 45543 Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 6/13/2019 9:41:38 PM 45543 Surr: DNOP 107 %Rec 45543 70-130 1 6/13/2019 9:41:38 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB 6/14/2019 5:16:21 PM Gasoline Range Organics (GRO) ND 45509 4.9 mg/Kg 1 Surr: BFB 96.6 73.8-119 %Rec 6/14/2019 5:16:21 PM 45509 1 **EPA METHOD 8021B: VOLATILES** Analyst: NSB ND 6/14/2019 5:16:21 PM Benzene 0.024 mg/Kg 45509 1 Toluene ND 0.049 mg/Kg 1 6/14/2019 5:16:21 PM 45509

ND

ND

98.8

0.049

0.098

80-120

mg/Kg

mg/Kg

%Rec

1

1

1

6/14/2019 5:16:21 PM

6/14/2019 5:16:21 PM

6/14/2019 5:16:21 PM

45509

45509

45509

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

Qualifiers:

Ethylbenzene

Xylenes, Total

Surr: 4-Bromofluorobenzene

- 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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Lab ID:

Analyses

Batch

Analytical Report Lab Order 1906574

Date Reported: 6/19/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: AH-4 2.5ft Devon Ross Ranch 10 Fed 1 2RP 4009 Collection Date: 6/7/2019 3:55:00 PM 1906574-010 Matrix: SOIL Received Date: 6/11/2019 9:05:00 AM Result **RL** Oual Units **DF** Date Analyzed

EPA METHOD 300.0: ANIONS					Analyst:	smb
Chloride	ND	60	mg/Kg	20	6/17/2019 7:03:23 PM	45633
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	6/13/2019 10:03:50 PM	45543
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	6/13/2019 10:03:50 PM	45543
Surr: DNOP	100	70-130	%Rec	1	6/13/2019 10:03:50 PM	45543
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/14/2019 5:40:06 PM	45509
Surr: BFB	94.5	73.8-119	%Rec	1	6/14/2019 5:40:06 PM	45509
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.025	mg/Kg	1	6/14/2019 5:40:06 PM	45509
Toluene	ND	0.049	mg/Kg	1	6/14/2019 5:40:06 PM	45509
Ethylbenzene	ND	0.049	mg/Kg	1	6/14/2019 5:40:06 PM	45509
Xylenes, Total	ND	0.098	mg/Kg	1	6/14/2019 5:40:06 PM	45509
Surr: 4-Bromofluorobenzene	95.9	80-120	%Rec	1	6/14/2019 5:40:06 PM	45509

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

- 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

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Lab ID:

CLIENT: Safety & Environmental Solutions

1906574-011

Analytical Report Lab Order 1906574

Hall Environmental Analysis Laboratory, Inc.

Devon Ross Ranch 10 Fed 1 2RP 4009

Date Reported: 6/19/2019 Client Sample ID: AH-5 Surface Collection Date: 6/7/2019 4:00:00 PM Received Date: 6/11/2019 9:05:00 AM

Result	RL	Qual	Units	DF	Date Analyzed	Batch		
					Analyst	:: smb		
2100	60		mg/Kg	20	6/17/2019 7:15:48 PM	45633		
ORGANICS					Analyst	BRM		
13	10		mg/Kg	1	6/13/2019 10:26:13 PM	45543		
110	50		mg/Kg	1	6/13/2019 10:26:13 PM	45543		
752	70-130	S	%Rec	1	6/13/2019 10:26:13 PM	45543		
E					Analyst	: NSB		
ND	5.0		mg/Kg	1	6/14/2019 6:03:46 PM	45509		
92.9	73.8-119		%Rec	1	6/14/2019 6:03:46 PM	45509		
					Analyst	: NSB		
ND	0.025		mg/Kg	1	6/14/2019 6:03:46 PM	45509		
ND	0.050		mg/Kg	1	6/14/2019 6:03:46 PM	45509		
ND	0.050		mg/Kg	1	6/14/2019 6:03:46 PM	45509		
ND	0.10		mg/Kg	1	6/14/2019 6:03:46 PM	45509		
95.2	80-120		%Rec	1	6/14/2019 6:03:46 PM	45509		
	2100 5 ORGANICS 13 110 752 E ND 92.9 ND ND ND ND ND	2100 60 CORGANICS 13 10 110 50 752 70-130 E ND 5.0 92.9 73.8-119 ND 0.025 ND 0.050 ND 0.050 ND 0.050 ND 0.10	2100 60 CORGANICS 13 10 110 50 752 70-130 S E ND 5.0 92.9 73.8-119 ND 0.025 ND 0.050 ND 0.050 ND 0.050 ND 0.10	2100 60 mg/Kg CORGANICS 13 10 mg/Kg 110 50 mg/Kg 752 70-130 S %Rec E ND 5.0 mg/Kg 92.9 73.8-119 %Rec ND 0.025 mg/Kg ND 0.050 mg/Kg ND 0.050 mg/Kg ND 0.050 mg/Kg ND 0.10 mg/Kg	2100 60 mg/Kg 20 CORGANICS 13 10 mg/Kg 1 110 50 mg/Kg 1 752 70-130 S %Rec 1 E ND 5.0 mg/Kg 1 92.9 73.8-119 %Rec 1 ND 0.025 mg/Kg 1 ND 0.050 mg/Kg 1 ND 0.050 mg/Kg 1 ND 0.10 mg/Kg 1	Analyst 2100 60 mg/Kg 20 6/17/2019 7:15:48 PM 2100 60 mg/Kg 20 6/17/2019 7:15:48 PM 13 10 mg/Kg 1 6/13/2019 10:26:13 PM 110 50 mg/Kg 1 6/13/2019 10:26:13 PM 752 70-130 S %Rec 1 6/13/2019 10:26:13 PM 752 70-130 S %Rec 1 6/13/2019 10:26:13 PM 752 70-130 S %Rec 1 6/13/2019 10:26:13 PM E Analyst ND 5.0 mg/Kg 1 6/14/2019 6:03:46 PM 92.9 73.8-119 %Rec 1 6/14/2019 6:03:46 PM 92.9 73.8-119 %Rec 1 6/14/2019 6:03:46 PM MD 0.025 mg/Kg 1 6/14/2019 6:03:46 PM ND 0.050 mg/Kg 1 6/14/2019 6:03:46 PM ND 0.050 mg/Kg 1 6/14/2019 6:03:46 PM		

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 1906574

Date Reported: 6/19/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: AH-5 1ft Collection Date: 6/7/2019 4:10:00 PM **Project:** Devon Ross Ranch 10 Fed 1 2RP 4009 Lab ID: 1906574-012 Matrix: SOIL Received Date: 6/11/2019 9:05:00 AM Result **RL** Oual Units **DF** Date Analyzed Analyses Batch Analyst: MRA **EPA METHOD 300.0: ANIONS** Chloride 3400 150 mg/Kg 50 6/18/2019 1:38:58 PM 45633 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM **Diesel Range Organics (DRO)** ND 9.6 mg/Kg 1 6/13/2019 10:48:31 PM 45543 Motor Oil Range Organics (MRO) ND 6/13/2019 10:48:31 PM 45543 48 mg/Kg 1 Surr: DNOP 85.2 %Rec 6/13/2019 10:48:31 PM 45543 70-130 1 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB ND 6/14/2019 6:27:23 PM Gasoline Range Organics (GRO) 45509 4.9 mg/Kg 1 Surr: BFB 103 73.8-119 %Rec 6/14/2019 6:27:23 PM 45509 1 **EPA METHOD 8021B: VOLATILES** Analyst: NSB ND 6/14/2019 6:27:23 PM Benzene 0.025 mg/Kg 45509 1 45509

Toluene ND 0.049 mg/Kg 1 6/14/2019 6:27:23 PM Ethylbenzene ND 0.049 mg/Kg 1 6/14/2019 6:27:23 PM Xylenes, Total ND 0.099 mg/Kg 6/14/2019 6:27:23 PM 1 Surr: 4-Bromofluorobenzene 6/14/2019 6:27:23 PM 107 80-120 %Rec 1

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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45509

45509

45509

Batch

Analytical Report
Lab Order 1906574

Date Reported: 6/19/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT:Safety & Environmental SolutionsClient Sample ID: AH-5 2.5ftProject:Devon Ross Ranch 10 Fed 1 2RP 4009Collection Date: 6/7/2019 4:25:00 PMLab ID:1906574-013Matrix: SOILReceived Date: 6/11/2019 9:05:00 AMAnalysesResultRL Qual UnitsDF Date Analyzed

EPA METHOD 300.0: ANIONS					Analyst: smb
Chloride	ND	60	mg/Kg	20	6/17/2019 7:40:37 PM 45633
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analyst: BRM
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	6/13/2019 11:10:49 PM 45543
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	6/13/2019 11:10:49 PM 45543
Surr: DNOP	118	70-130	%Rec	1	6/13/2019 11:10:49 PM 45543
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/13/2019 9:59:37 AM 45528
Surr: BFB	109	73.8-119	%Rec	1	6/13/2019 9:59:37 AM 45528
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.025	mg/Kg	1	6/13/2019 9:59:37 AM 45528
Toluene	ND	0.049	mg/Kg	1	6/13/2019 9:59:37 AM 45528
Ethylbenzene	ND	0.049	mg/Kg	1	6/13/2019 9:59:37 AM 45528
Xylenes, Total	ND	0.099	mg/Kg	1	6/13/2019 9:59:37 AM 45528
Surr: 4-Bromofluorobenzene	103	80-120	%Rec	1	6/13/2019 9:59:37 AM 45528

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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Client:	Safety &	t Environmental Solutions			
Project:	Devon F	Ross Ranch 10 Fed 1 2RP 4009)		
Sample ID:	MB-45618	SampType: mblk	TestCode: EPA Method	300.0: Anions	
Client ID:		Batch ID: 45618	RunNo: 60701		
Prep Date:	6/17/2019	Analysis Date: 6/17/2019	SeqNo: 2054613	Units: mg/Kg	
Analyte		Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride		ND 1.5			
Sample ID:	LCS-45618	SampType: Ics	TestCode: EPA Method	300.0: Anions	
Client ID:	LCSS	Batch ID: 45618	RunNo: 60701		
Prep Date:	6/17/2019	Analysis Date: 6/17/2019	SeqNo: 2054614	Units: mg/Kg	
Analyte		Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride		14 1.5 15.00	0 94.5 90	110	
Sample ID:	MB-45633	SampType: mblk	TestCode: EPA Method	300.0: Anions	
Client ID:	PBS	Batch ID: 45633	RunNo: 60701		
Prep Date:	6/17/2019	Analysis Date: 6/17/2019	SeqNo: 2054652	Units: mg/Kg	
Analyte		Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride		ND 1.5			
Sample ID:	LCS-45633	SampType: Ics	TestCode: EPA Method	300.0: Anions	
Client ID:	LCSS	Batch ID: 45633	RunNo: 60701		
Prep Date:	6/17/2019	Analysis Date: 6/17/2019	SeqNo: 2054653	Units: mg/Kg	
Analyte		Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride		14 1.5 15.00	0 94.9 90	110	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical 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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1906574

19-Jun-19

•	Environmental Sol oss Ranch 10 Fed 1)						
Sample ID: LCS-45543	SampType: LCS	6	Test	tCode: EP	A Method	8015M/D: Die	sel Range	e Organics	
Client ID: LCSS	Batch ID: 455	43	R	lunNo: 60	622				
Prep Date: 6/12/2019	Analysis Date: 6/1	3/2019	S	eqNo: 20	52482	Units: mg/K	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49 10	50.00	0	98.2	63.9	124			
Surr: DNOP	4.8	5.000		95.4	70	130			
Sample ID: MB-45543	SampType: MB I	LK	Test	tCode: EP	A Method	8015M/D: Die	sel Range	e Organics	
Client ID: PBS	Batch ID: 455	43	R	tunNo: 60	622				
Prep Date: 6/12/2019	Analysis Date: 6/1	3/2019	S	eqNo: 20	52483	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	11	10.00		113	70	130			
Sample ID: LCS-45594	SampType: LCS	3	Test	tCode: EP	A Method	8015M/D: Die	sel Range	e Organics	
Client ID: LCSS	Batch ID: 455	94	R	unNo: 60	697				
Prep Date: 6/14/2019	Analysis Date: 6/1	7/2019	S	eqNo: 20	54871	Units: %Rec	;		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	3.8	5.000		75.9	70	130			
Sample ID: MB-45594	SampType: MBI	LK	Tes	tCode: EP	A Method	8015M/D: Die	sel Range	e Organics	
Client ID: PBS	Batch ID: 455	94	R	unNo: 60	697				
Prep Date: 6/14/2019	Analysis Date: 6/1	7/2019	S	eqNo: 20	54872	Units: %Rec	:		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	8.2	10.00		81.9	70	130			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical 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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1906574

19-Jun-19

•	& Environmental Solutions Ross Ranch 10 Fed 1 2RP 400	9
Sample ID: MB-45518	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range
Client ID: PBS	Batch ID: 45518	RunNo: 60590
Prep Date: 6/11/2019	Analysis Date: 6/12/2019	SeqNo: 2050617 Units: %Rec
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: BFB	1000 1000	101 73.8 119
Sample ID: LCS-45518	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range
Client ID: LCSS	Batch ID: 45518	RunNo: 60590
Prep Date: 6/11/2019	Analysis Date: 6/12/2019	SeqNo: 2050618 Units: %Rec
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: BFB	1200 1000	119 73.8 119
Sample ID: MB-45509	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range
Client ID: PBS	Batch ID: 45509	RunNo: 60590
Prep Date: 6/11/2019	Analysis Date: 6/12/2019	SeqNo: 2050625 Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Gasoline Range Organics (GRO)	ND 5.0	
Surr: BFB	1100 1000	111 73.8 119
Sample ID: LCS-45509	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range
Sample ID: LCS-45509 Client ID: LCSS	SampType: LCS Batch ID: 45509	
•		TestCode: EPA Method 8015D: Gasoline Range
Client ID: LCSS Prep Date: 6/11/2019 Analyte	Batch ID: 45509 Analysis Date: 6/12/2019 Result PQL SPK value	TestCode: EPA Method 8015D: Gasoline Range RunNo: 60590 SeqNo: 2050626 Units: mg/Kg SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Client ID: LCSS Prep Date: 6/11/2019 Analyte Gasoline Range Organics (GRO)	Batch ID: 45509 Analysis Date: 6/12/2019 Result PQL SPK value 23 5.0 25.00	TestCode: EPA Method 8015D: Gasoline Range RunNo: 60590 RunNo: 60590 SeqNo: 2050626 Units: mg/Kg SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual 0 92.9 80.1 123
Client ID: LCSS Prep Date: 6/11/2019 Analyte Gasoline Range Organics (GRO) Surr: BFB	Batch ID: 45509 Analysis Date: 6/12/2019 Result PQL SPK value 23 5.0 25.00 1200 1000	TestCode: EPA Method 8015D: Gasoline Range RunNo: 60590 RunNo: 60590 SeqNo: 2050626 Units: mg/Kg SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual 0 92.9 80.1 123
Client ID: LCSS Prep Date: 6/11/2019 Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID: MB-45528	Batch ID: 45509 Analysis Date: 6/12/2019 Result PQL SPK value 23 5.0 25.00 1200 1000	TestCode: EPA Method 8015D: Gasoline Range RunNo: 60590 SeqNo: 2050626 Units: mg/Kg SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual 0 92.9 80.1 123 119 73.8 119 119 TestCode: EPA Method 8015D: Gasoline Range
Client ID: LCSS Prep Date: 6/11/2019 Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID: MB-45528 Client ID: PBS	Batch ID: 45509 Analysis Date: 6/12/2019 Result PQL SPK value 23 5.0 25.00 1200 1000 SampType: MBLK Batch ID: 45528	TestCode: EPA Method 8015D: Gasoline Range RunNo: 60590 SeqNo: 2050626 Units: mg/Kg SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual 0 92.9 80.1 123 119 73.8 119 110 110 TestCode: EPA Method 8015D: Gasoline Range RunNo: 60624
Client ID: LCSS Prep Date: 6/11/2019 Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID: MB-45528	Batch ID: 45509 Analysis Date: 6/12/2019 Result PQL SPK value 23 5.0 25.00 1200 1000 SampType: MBLK Batch ID: 45528 Analysis Date: 6/13/2019	TestCode: EPA Method 8015D: Gasoline Range RunNo: 60590 SeqNo: 2050626 Units: mg/Kg SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual 0 92.9 80.1 123 119 2000 2000 2000 TestCode: EPA Method 8015D: Gasoline Range RunNo: 60624 SeqNo: 2051781 Units: mg/Kg
Client ID: LCSS Prep Date: 6/11/2019 Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID: MB-45528 Client ID: PBS Prep Date: 6/12/2019 Analyte	Batch ID: 45509 Analysis Date: 6/12/2019 Result PQL SPK value 23 5.0 25.00 1200 1000 SampType: MBLK Batch ID: 45528 Analysis Date: 6/13/2019 Result PQL SPK value	TestCode: EPA Method 8015D: Gasoline Range RunNo: 60590 SeqNo: 2050626 Units: mg/Kg SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual 0 92.9 80.1 123 119 73.8 119 110 110 TestCode: EPA Method 8015D: Gasoline Range RunNo: 60624
Client ID: LCSS Prep Date: 6/11/2019 Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID: MB-45528 Client ID: PBS Prep Date: 6/12/2019	Batch ID: 45509 Analysis Date: 6/12/2019 Result PQL SPK value 23 5.0 25.00 1200 1000 SampType: MBLK Batch ID: 45528 Analysis Date: 6/13/2019	TestCode: EP A Method 8015D: Gasoline Range RunNo: 60590 SeqNo: 2050626 Units: mg/Kg SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual 0 92.9 80.1 123 119 Qual Qual TestCode: EP A Method S015D: Gasoline Range TestCode: EP A Method S0110 %RPD RPDLimit Qual TestCode: EP A Method S015D: Gasoline Range RunNo: 60624 SeqNo: 2051781 Units: mg/Kg SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Client ID: LCSS Prep Date: 6/11/2019 Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID: MB-45528 Client ID: PBS Prep Date: 6/12/2019 Analyte Gasoline Range Organics (GRO)	Batch ID: 45509 Analysis Date: 6/12/2019 Result PQL SPK value 23 5.0 25.00 1200 1000 SampType: MBLK Batch ID: 45528 Analysis Date: 6/13/2019 Result PQL SPK value ND 5.0	TestCode: EP A Method 8015D: Gasoline Range RunNo: 60590 SeqNo: 2050626 Units: mg/Kg SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual 0 92.9 80.1 123 119 Qual Qual TestCode: EP A Method S015D: Gasoline Range TestCode: EP A Method S0110 %RPD RPDLimit Qual TestCode: EP A Method S015D: Gasoline Range RunNo: 60624 SeqNo: 2051781 Units: mg/Kg SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Client ID: LCSS Prep Date: 6/11/2019 Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID: MB-45528 Client ID: PBS Prep Date: 6/12/2019 Analyte Gasoline Range Organics (GRO) Surr: BFB	Batch ID: 45509 Analysis Date: 6/12/2019 Result PQL SPK value 23 5.0 25.00 1200 1000 SampType: MBLK Batch ID: 45528 Analysis Date: 6/13/2019 Result PQL SPK value ND 5.0 1100 1000	TestCode: EP A Method 8015D: Gasoline Range RunNo: 60590 SeqNo: 2050626 Units: mg/Kg SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual 0 92.9 80.1 123 119 Qual Qual 119 73.8 119 Intervention Intervention Intervention Intervention RunNo: 60624 SeqNo: 2051781 Units: mg/Kg SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual SPK Ref Val %REC LowLimit HighLimit %RPD Qual 108 73.8 119 Intervention Intervention Intervention
Client ID: LCSS Prep Date: 6/11/2019 Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID: MB-45528 Client ID: PBS Prep Date: 6/12/2019 Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID: LCS-45528	Batch ID: 45509 Analysis Date: 6/12/2019 Result PQL SPK value 23 5.0 25.00 1200 1000 SampType: MBLK Batch ID: 45528 Analysis Date: 6/13/2019 Result PQL SPK value ND 5.0 1100 1000	TestCode: EP A Method 8015D: Gasoline Range RunNo: 60590 SeqNo: 2050626 Units: mg/Kg SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual 0 92.9 80.1 123 119 Qual Qual 119 73.8 119 V V V V TestCode: EP A Method S015D: Gasoline Range RunNo: 60624 RunNo: 60624 SeqNo: 2051781 Units: mg/Kg SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual 108 73.8 119 V V Qual Qual TestCode: 2051781 Units: mg/Kg Qual 108 73.8 119 V Qual Qual 108 73.8 119 V V TestCode: Eb Method State SeqNo: 2051781 None 200 None 200 None 200 Qual <tr< td=""></tr<>
Client ID: LCSS Prep Date: 6/11/2019 Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID: MB-45528 Client ID: PBS Prep Date: 6/12/2019 Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID: LCS-45528 Client ID: LCS-45528	Batch ID: 45509 Analysis Date: 6/12/2019 Result PQL SPK value 23 5.0 25.00 1200 1000 SampType: MBLK Batch ID: 45528 Analysis Date: 6/13/2019 Result PQL SPK value ND 5.0 1100 1000 SampType: LCS Batch ID: 45528 Analysis Date: 6/13/2019	TestCode: EP A Method 8015D: Gasoline Range RunNo: 60590 SeqNo: 2050626 Units: mg/Kg SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual 0 92.9 80.1 123 119 Qual Qual 119 73.8 119 Image: SeqNo: 2051781 Units: mg/Kg Image: SeqNo: 2051781 Units: mg/Kg SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual SeqNo: 2051781 Units: mg/Kg SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual 108 73.8 119 Image: SeqNo: 2051781 Units: mg/Kg SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual 108 73.8 119 Image: SeqNo: 2051781 Image: SeqNo: 2051781
Client ID: LCSS Prep Date: 6/11/2019 Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID: MB-45528 Client ID: PBS Prep Date: 6/12/2019 Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID: LCS-45528 Client ID: LCSS Prep Date: 6/12/2019	Batch ID: 45509 Analysis Date: 6/12/2019 Result PQL SPK value 23 5.0 25.00 1200 1000 SampType: MBLK Batch ID: 45528 Analysis Date: 6/13/2019 Result PQL SPK value ND 5.0 1100 1000 SampType: LCS Batch ID: 45528 Analysis Date: 6/13/2019	TestCode: EP A Method 8015D: Gasoline Range RunNo: 60590 SeqNo: 2050626 Units: mg/Kg SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual 0 92.9 80.1 123 102 103 103 103 0 92.9 80.1 123 119 73.8 119 104 104 TestCode: EP Method 8015D: Gasoline Range RunNo: 60624 SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual 108 73.8 119 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

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

1906574

19-Jun-19

	Environmosos Ranch		lutions 1 2RP 4009)						
Sample ID: 1906574-013AMS	SampT	Гуре: МS	;	Tes	tCode: EF	PA Method	8015D: Gaso	line Rang	e	
Client ID: AH-5 2.5ft	Batch	h ID: 45	528	F	RunNo: 6	0624				
Prep Date: 6/12/2019	Analysis D	Date: 6/	13/2019	S	SeqNo: 20	051790	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	4.9	24.63	0	99.6	69.1	142			
Surr: BFB	1200		985.2		122	73.8	119			S
Sample ID: 1906574-013AMS	D SampT	Гуре: М S	D	Tes	tCode: EF	PA Method	8015D: Gaso	line Rang	e	
Client ID: AH-5 2.5ft	Batch	h ID: 45	528	F	RunNo: 6	0624				
Prep Date: 6/12/2019	Analysis D	Date: 6/	13/2019	S	SeqNo: 20	051791	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	24.93	0	97.6	69.1	142	0.840	20	
Surr: BFB	1200		997.0		123	73.8	119	0	0	S

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- J Analyte detected below quantitation limits
- P Sample pH Not In Range
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1906574

19-Jun-19

•	& Environmental Solu Ross Ranch 10 Fed 1		C						
Sample ID: MB-45518	SampType: MBL					8021B: Volat	iles		
Client ID: PBS	Batch ID: 4551	8	R	RunNo: 60	0590				
Prep Date: 6/11/2019	Analysis Date: 6/12	2/2019	S	SeqNo: 20	050664	Units: %Red	;		
Analyte	Result PQL S	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.94	1.000		94.5	80	120			
Sample ID: LCS-45518	SampType: LCS		Test	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batch ID: 4551	8	R	RunNo: 6	0590				
Prep Date: 6/11/2019	Analysis Date: 6/12	2/2019	S	SeqNo: 20	050665	Units: %Red	;		
Analyte	Result PQL S	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.1	1.000		108	80	120			
Sample ID: MB-45509	SampType: MBL	К	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: PBS	Batch ID: 4550	9	R	RunNo: 6	0590				
Prep Date: 6/11/2019	Analysis Date: 6/12	2/2019	S	SeqNo: 20	050673	Units: mg/K	g		
Analyte	Result PQL S	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 Surr: 4-Bromofluorobenzene	ND 0.10 1.0	1.000		103	80	120			
Sun. 4-biomonuorobenzene	1.0	1.000		103	80	120			
Sample ID: LCS-45509	SampType: LCS		Test	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batch ID: 4550	9	R	RunNo: 60	0590				
Prep Date: 6/11/2019	Analysis Date: 6/12	2/2019	S	SeqNo: 20	050674	Units: mg/K	g		
Analyte	Result PQL S		SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.98 0.025	1.000	0	98.2	80	120			
Toluene	0.99 0.050	1.000	0	99.1	80	120			
Ethylbenzene	0.98 0.050	1.000	0	97.8	80	120			
Xylenes, Total Surr: 4-Bromofluorobenzene	2.9 0.10 1.1	3.000 1.000	0	95.1 108	80 80	120 120			
Sample ID: MB-45528	SampType: MBL					8021B: Volat	iles		
Client ID: PBS	Batch ID: 4552			RunNo: 60					
Prep Date: 6/12/2019	Analysis Date: 6/13			SeqNo: 20	051816	Units: mg/K	•		
Analyte		SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene Toluene	ND 0.025 ND 0.050								
Ethylbenzene	ND 0.050 ND 0.050								
Xylenes, Total	ND 0.050 ND 0.10								
Ayiones, Iotai	ND 0.10								

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

1906574

19-Jun-19

	y & Environm on Ross Ranch)						
Sample ID: MB-45528	SampT	Гуре: МЕ	BLK	Tes	tCode: EF	PA Method	8021B: Vola	tiles		
Client ID: PBS	Batch	h ID: 45	528	F	lunNo: 60	0624				
Prep Date: 6/12/2019	Analysis D	Date: 6/	13/2019	5	eqNo: 20	051816	Units: mg/ #	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		103	80	120			
Sample ID: LCS-45528	SampT	Гуре: LC	s	Tes	tCode: EF	PA Method	8021B: Vola	tiles		
Client ID: LCSS	Batcl	h ID: 45	528	F	unNo: 60	0624				
Prep Date: 6/12/2019	Analysis D	Date: 6/	13/2019	5	eqNo: 20	051817	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	104	80	120			
Toluene	1.0	0.050	1.000	0	102	80	120			
Ethylbenzene	1.0	0.050	1.000	0	101	80	120			
Xylenes, Total	3.0	0.10	3.000	0	100	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		109	80	120			

Qualifiers:

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1906574

19-Jun-19

ENVI	RONMENTAL	nun Environmer	ntal Analysis Labor 4901 Hawkir	ns NE		
ANAL	YSIS DRATORY	TEL: 505-345-3	Albuquerque, NM 8 975 FAX: 505-345- v.hallenvironmenta	87109 Sa -4107	mple Log-In C	Check List
Client Name:	Safety Env Solutions	Work Order Num	ber: 1906574		RcptNo	: 1
Received By:	Isaiah Ortiz	6/11/2019 9:05:00	AM	and any (2-6	
Completed By:	Leah Baca	6/12/2019 8:05:09	AM	In Ba	14	
Reviewed By:	TO	6/12/19		Laupte		
Chain of Cu	stody					
1. Is Chain of C	Custody complete?		Yes 🖌	No 🗌	Not Present	
2. How was the	e sample delivered?		Courier			
Log In 3. Was an atte	mpt made to cool the sam	ples?	Yes 🖌	No 🗌	NA 🗌	
4. Were all sam	ples received at a temper	ature of >0° C to 6.0°C	Yes 🗹	No 🗌	NA 🗌	
5. Sample(s) in	proper container(s)?		Yes 🔽	No 🗌		
6. Sufficient sar	mple volume for indicated t	test(s)?	Yes 🗸	No 🗌		
7. Are samples	(except VOA and ONG) pr	roperly preserved?	Yes 🗹	No 🗌		
8. Was preserv	ative added to bottles?		Yes	No 🗹	NA 🗌	
9. VOA vials ha	ve zero headspace?		Yes	No 🗌	No VOA Vials 🗹	
10. Were any sa	mple containers received	broken?	Yes	No 🔽	# of preserved	
	ork match bottle labels? pancies on chain of custod	v)	Yes 🗸	No 🗌	bottles checked for pH: (<2 or	>12 unless noted)
	correctly identified on Cha		Yes 🔽	No 🗌	Adjusted?	
	at analyses were requested	-	Yes 🗹	No 🗌		18.11
	ling times able to be met? customer for authorization.)	Yes 🗹	No 🗆	Checked by:	D 6/12/19
Special Hand	ling (if applicable)					
15. Was client n	otified of all discrepancies	with this order?	Yes	No 🗌	NA 🗹	
Persor	Notified:	Date	Γ			
By Wh	om:	Via:	eMail F	Phone 🗌 Fax	🖌 🗌 In Person	
Regard	ding:					
Client	Instructions:					
16. Additional re	emarks:					
17. <u>Cooler Info</u>	and a second					
Cooler No	D Temp °C Condition 0.9 Good	Seal Intact Seal No Yes Intact	Seal Date	Signed By		

Page 1 of 1

HALL ENVIRONMENTAL	ental com	37109	5 Fax 505-345-4107	Analysis Request	↓O	SMI2 2 ,4Oq	0 ²⁺ 35270 1)	08/8 . 403 . 00 8 . 10 . 10 . 10 . 10 . 10 . 10 . 10 . 10	-AC 10 ³ 10 10	etho by 83 by Me br, 1 do by by b f f f f f f f f f f f f f f f f	991 Р6 DB (M AHs b 260 (V 260 (V	83 38 38 38 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5													arks:				
Turn-Around Time: Ruk	Project Name: Jevon	Ross Rende 10 72 (2RP-4009)		10-10-010		Allew Bob	Sampler: Sover Letter	NTes DNo	olers: /	Cooler Temp(including CF): / ./ O. 2(CF) O.9. C	Preservative HEAL No.			- 002 -	- 003	- Cou	-005	-006	-001	-Cor	/ / /	/ /	/ //0 - /	X 210-	Received by: Via: Date Time Remarks	10/11 6/10/19	Received by: Via: Date Time	I-0 court 6/11/9 0905	If recessary, sample subhitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report
Client: Selecty + Guldwarmand	Peter Te	Mailing Address: 703 6 Clinton	140605 N.W 88240	Phone #: 575-397-0510	email or Fax#:	QA/QC Package:	Accreditation:		EDD (Type)		Time Matrix Semula Nemo		ide d		(1430 > 144-2 Supre	1445 S AH-2 1FT	1450 S AH3 Surper	1510 S AT-3 1A	1525 S MH-3 215 F	1530 5 AH44, Surface	1545 5 MH4 154	1555 S AHY 2,5F	< 1600 5 12H-5 Subre	2457 1610 5 WHS 1FT	Time: Relinqu	0000	Date: Time: Retinquished by:	0 10 19 14W XIV	If recessary, sampled submitted to Hall Environmental may be subo

eived by OCD: 11/3/2023	10:28:32 AM		Page 45 of
L ENVIRONMENTAL LYSIS LABORATORY allenvironmental.com - Albuquerque, NM 87109 5 Fax 505-345-4107 Analysis Request	PAHs by 8310 or 8270SIMS RCRA 8 Metals CI, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ 8260 (VOA) 8270 (Semi-VOA) Total Coliform (Present/Absent) Mr Mr Mr Mr Mr Mr Mr Mr Mr Mr Mr Mr Mr Mr M		Image: Second standing of the second
HALL ANAL www.he 4901 Hawkins NE Tel. 505-345-3975	EDB (Method 504.1) 2MI2050510 0158 249		contracte
H 20 H	8081 Pesticides/8082 PCB's		dus vo
164 164	ТРН:8015D(GRO / DRO / MRO)	Remarks:	NIV. A
	BTEX / MTBE / TMB's (8021)		(under the second seco
Project Name / Lush Project Name: Julow Ross Ramett 10 Jul (2RP-4009) Project #: Dev-14-010	Project Manager: A/Lew , Boh On Sampler: A/Lew , Boh Sampler:Sampler: A/Lew , Boh Sampler: A/Lew , Boh Sampler: A/Lew , Boh Sampler: A/Lew , Boh A/Lew <td>Via: Via:</td> <td>te o</td>	Via: Via:	te o
Client: Suty + Suthward Saluty + Suthward Mailing Address: 763 C. Clinton Abba NIM \$8248 Phone #: 575-397-0570	Package: Package: Itation: Az Com AC Other O(Type) Time Matrix	S S S S S S S S S S S S S S S S S S S	Bate: Time: Reingdshed by: Date: Time: Reingdshed by: Via: If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories



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

April 17, 2020

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

RE: Ross Ranch

OrderNo.: 2004552

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 22 sample(s) on 4/11/2020 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

Hall Er	nvironmental Ana	lysis Laboratory, Inc				Analytical Report Lab Order 2004552 Date Reported: 4/17/20	020
	Safety & Environmental S Ross Ranch	Solutions		t Sample II lection Dat		1 Surface 8/2020 10:50:00 AM	
Lab ID:	2004552-001	Matrix: SOIL	Re	ceived Dat	e: 4/1	1/2020 10:00:00 AM	
Analyses		Result	RL Qu	ual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analys	st: CAS
Chloride		970	60	mg/Kg	20	4/15/2020 6:09:13 PM	51819

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
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- B Analyte detected in the associated Method Blank
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- P Sample pH Not In Range
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Page 1 of 28

Hall Er	nvironmental Anal	lysis Laboratory, In	с.			Analytical Report Lab Order 2004552 Date Reported: 4/17/2	020
Project:	Safety & Environmental S Ross Ranch		Coll		e: 4/8	8/2020 11:10:00 AM	
Lab ID: Analyses	2004552-002	Matrix: SOIL Result				1/2020 10:00:00 AM Date Analyzed	Batch
EPA MET Chloride	HOD 300.0: ANIONS	190	60	mg/Kg	20	Analys 4/15/2020 6:21:38 PM	st: CAS 51819

Qualifiers:

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- P Sample pH Not In Range
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Page 2 of 28

Hall En	vironmental Anal	ysis Laboratory, Inc				Analytical Report Lab Order 2004552 Date Reported: 4/17/20	020
Project:	Safety & Environmental So Ross Ranch		Colle	ection Dat	: 4/8	3 Surface 8/2020 11:30:00 AM	
Lab ID:	2004552-003	Matrix: SOIL Result	Rec			1/2020 10:00:00 AM Date Analyzed	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
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Page 3 of 28

Hall Environmental Analysis Laboratory, In				Analytical Report Lab Order 2004552 Date Reported: 4/17/2						
CLIENT:	Safety & Environmental	Solutions	Clien	t Sample II	D: SA	A4 Surface				
Project:	Ross Ranch		Coll			Collection Date: 4/8/2020 12:10:00 PM				
Lab ID:	2004552-004	Matrix: SOIL	Re	ceived Dat	e: 4/1	1/2020 10:00:00 AM	I			
Analyses		Result	RL Qu	ual Units	DF	Date Analyzed	Batch			
EPA MET	HOD 300.0: ANIONS					Analys	st: CAS			
Chloride		ND	60	mg/Kg	20	4/15/2020 6:46:27 PM	1 51819			

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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Hall Environmental Analysis Laboratory, Inc				Analytical Report Lab Order 2004552 IC. Date Reported: 4/17/20					
CLIENT:	Safety & Environmental	Solutions	Clien	t Sample II	D: SA	15 Surface			
Project:	Ross Ranch		Coll	ection Dat	e: 4/8	8/2020 12:35:00 PM			
Lab ID:	2004552-005	Matrix: SOIL	Re	ceived Dat	e: 4/1	1/2020 10:00:00 AM	1		
Analyses		Result	RL Qu	ıal Units	DF	Date Analyzed	Batch		
EPA MET	HOD 300.0: ANIONS					Analy	st: CAS		
Chloride		ND	60	mg/Kg	20	4/15/2020 6:58:52 PM	1 51819		

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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Hall Er	Analytical Report Lab Order 2004552 Date Reported: 4/17/2020									
CLIENT:	Safety & Environmental	Solutions	Clien	t Sample II	D: SA	16 Surface				
Project:	Ross Ranch		Collec			Collection Date: 4/8/2020 12:50:00 PM				
Lab ID:	2004552-006	Matrix: SOIL	Re	ceived Dat	e: 4/1	1/2020 10:00:00 AM	[
Analyses		Result	RL Qu	ual Units	DF	Date Analyzed	Batch			
EPA MET	HOD 300.0: ANIONS					Analys	st: CAS			
Chloride		ND	60	mg/Kg	20	4/15/2020 7:11:16 PM	1 51819			

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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Hall Environmental Analysis Laboratory, Inc				C. Analytical Report Lab Order 2004552 Date Reported: 4/17/2020						
CLIENT: Safety & Environmental Solutions			Client Sample ID: SA7 Surface							
Project:	Ross Ranch		Col			Collection Date: 4/8/2020 1:15:00 PM				
Lab ID:	2004552-007	Matrix: SOIL	Re	eceived Dat	e: 4/1	11/2020 10:00:00 AM	[
Analyses		Result	RL Q	ual Units	DF	Date Analyzed	Batch			
EPA MET	HOD 300.0: ANIONS					Analy	st: CAS			
Chloride		ND	61	mg/Kg	20	4/15/2020 7:23:40 PM	51819			

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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Hall Er	Analytical Report Lab Order 2004552 Date Reported: 4/17/2020						
CLIENT:	Safety & Environmental	Solutions	Clien	t Sample I	D: SA	A8 Surface	
Project:	Ross Ranch		Coll	lection Dat	e: 4/8	8/2020 1:40:00 PM	
Lab ID:	2004552-008	Matrix: SOIL	Re	ceived Dat	e: 4/1	11/2020 10:00:00 AM	1
Analyses		Result	RL Qu	ual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analy	st: CAS
Chloride		ND	59	mg/Kg	20	4/15/2020 8:00:54 PM	1 51819

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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Hall Environmental Analysis Laboratory, Inc.				Analytical Report Lab Order 2004552 Date Reported: 4/17/2020					
CLIENT:	Safety & Environmental	Solutions	Client	t Sample I	D: SA	19 Surface			
Project:	Ross Ranch		Collection Date: 4/8/2020 2:10:00 PM						
Lab ID:	2004552-009	Matrix: SOIL	Re	ceived Dat	e: 4/1	1/2020 10:00:00 AM	[
Analyses		Result	RL Qu	ual Units	DF	Date Analyzed	Batch		
EPA MET	HOD 300.0: ANIONS					Analys	st: CAS		
Chloride		ND	60	mg/Kg	20	4/15/2020 8:13:19 PM	1 51819		

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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Hall Environmental Analysis Laboratory, Inc				Analytical ReportLab Order 2004552IC.Date Reported: 4/17/2020					
CLIENT:	Safety & Environmental	Solutions	Clien	t Sample II	D: SA	10 Surface			
Project:	Ross Ranch		Col	Collection Date: 4/8/2020 2:40:00 PM					
Lab ID:	2004552-010	Matrix: SOIL	Re	ceived Dat	e: 4/1	1/2020 10:00:00 AM	I		
Analyses		Result	RL Q	ual Units	DF	Date Analyzed	Batch		
EPA MET	HOD 300.0: ANIONS					Analys	st: CAS		
Chloride		ND	60	mg/Kg	20	4/15/2020 8:25:43 PM	1 51819		

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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Hall Environmental Analysis Laboratory, Inc.				Analytical Report Lab Order 2004552 Date Reported: 4/17/2020													
CLIENT:	Safety & Environmental	Solutions	Clien	t Sample II	D: SA	A11 Surface											
Project:	Ross Ranch		Collection Date: 4/8/2020 3:10:00 PM														
Lab ID:	2004552-011	2004552-011	2004552-011	2004552-011	2004552-011	2004552-011		2004552-011	2004552-011	2004552-011	2004552-011 Matrix: SOIL	Matrix: SOIL	Received		e: 4/1	1/2020 10:00:00 AN	ĺ
Analyses		Result	RL Q	ual Units	DF	Date Analyzed	Batch										
EPA MET	HOD 300.0: ANIONS					Analy	st: CAS										
Chloride		ND	61	mg/Kg	20	4/15/2020 8:38:07 PM	51819										

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

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2004552

Date Reported: 4/17/2020

_	÷	Û,				1	
CLIENT: Project: Lab ID:	Safety & Environmental So Ross Ranch 2004552-012	lutions Matrix: SOIL	C	A1 1Ft 3/2020 11:00:00 AM 1/2020 10:00:00 AM			
Analyses	5	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA ME	THOD 300.0: ANIONS					Analyst	CAS
Chloride)	470	60	mg/Kg	20	4/15/2020 8:50:31 PM	51819
EPA ME	THOD 8015D MOD: GASOLI	NE RANGE				Analyst	: JMR
Gasoline	e Range Organics (GRO)	ND	5.0	mg/Kg	1	4/14/2020 6:39:22 PM	51747
Surr:	BFB	97.4	70-130	%Rec	1	4/14/2020 6:39:22 PM	51747
EPA ME	THOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst	BRM
Diesel R	Range Organics (DRO)	ND	9.1	mg/Kg	1	4/15/2020 4:17:35 PM	51753
Motor O	il Range Organics (MRO)	ND	46	mg/Kg	1	4/15/2020 4:17:35 PM	51753
Surr:	DNOP	99.5	55.1-146	%Rec	1	4/15/2020 4:17:35 PM	51753
EPA ME	THOD 8260B: VOLATILES S	HORT LIST				Analyst	: JMR
Benzene	9	ND	0.025	mg/Kg	1	4/14/2020 6:39:22 PM	51747
Toluene		ND	0.050	mg/Kg	1	4/14/2020 6:39:22 PM	51747
Ethylber	nzene	ND	0.050	mg/Kg	1	4/14/2020 6:39:22 PM	51747

ND

92.9

94.5

102

94.2

0.10

70-130

70-130

70-130

70-130

mg/Kg

%Rec

%Rec

%Rec

%Rec

1

1

1

1

1

4/14/2020 6:39:22 PM

51747

51747

51747

51747

51747

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

Qualifiers:

Xylenes, Total

Surr: 1,2-Dichloroethane-d4

Surr: 4-Bromofluorobenzene

Surr: Dibromofluoromethane

Surr: Toluene-d8

- * 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
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range

RL Reporting Limit Page 12 of 28

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2004552

Date Reported: 4/17/2020

4/14/2020 8:04:56 PM

51747

51747

51747

51747

51747

CLIENT:	Safety & Environmental Sc	olutions	Client Sample ID: SA2 1Ft						
Project:	Ross Ranch		Collection Date: 4/8/2020 11:20:00 AM						
Lab ID:	2004552-013	Matrix: SOIL		Received Dat	e: 4/1	1/2020 10:00:00 AM			
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA MET	THOD 300.0: ANIONS					Analyst	CAS		
Chloride		360	60	mg/Kg	20	4/15/2020 9:02:56 PM	51819		
EPA MET	THOD 8015D MOD: GASOL	INE RANGE				Analyst	JMR		
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	4/14/2020 8:04:56 PM	51747		
Surr: I	BFB	100	70-130	%Rec	1	4/14/2020 8:04:56 PM	51747		
EPA MET	THOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst	BRM		
Diesel R	ange Organics (DRO)	ND	8.2	mg/Kg	1	4/15/2020 5:06:13 PM	51753		
Motor Oi	I Range Organics (MRO)	ND	41	mg/Kg	1	4/15/2020 5:06:13 PM	51753		
Surr: I	DNOP	101	55.1-146	%Rec	1	4/15/2020 5:06:13 PM	51753		
EPA MET	THOD 8260B: VOLATILES S	SHORT LIST				Analyst	JMR		
Benzene	9	ND	0.025	mg/Kg	1	4/14/2020 8:04:56 PM	51747		
Toluene		ND	0.049	mg/Kg	1	4/14/2020 8:04:56 PM	51747		
Ethylben	izene	ND	0.049	mg/Kg	1	4/14/2020 8:04:56 PM	51747		

ND

94.4

98.4

101

95.1

0.098

70-130

70-130

70-130

70-130

mg/Kg

%Rec

%Rec

%Rec

%Rec

1

1

1

1

1

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

Qualifiers:

Xylenes, Total

Surr: 1,2-Dichloroethane-d4

Surr: 4-Bromofluorobenzene

Surr: Dibromofluoromethane

Surr: Toluene-d8

- * 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
- Practical Quanitative Limit PQL
- % Recovery outside of range due to dilution or matrix S

- 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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Project:

Analytical Report Lab Order 2004552

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Ross Ranch

Date Reported: 4/17/2020

Client Sample ID: SA3 1Ft Collection Date: 4/8/2020 11:45:00 AM Received Date: 4/11/2020 10:00:00 AM

Lab ID: 2004552-014	Matrix: SOIL		Received Dat	e: 4/1	1/2020 10:00:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	280	60	mg/Kg	20	4/15/2020 9:15:20 PM	51819
EPA METHOD 8015D MOD: GASOLINE	ERANGE				Analyst	JMR
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/14/2020 9:30:34 PM	51747
Surr: BFB	96.5	70-130	%Rec	1	4/14/2020 9:30:34 PM	51747
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	4/15/2020 9:37:53 PM	51753
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	4/15/2020 9:37:53 PM	51753
Surr: DNOP	94.5	55.1-146	%Rec	1	4/15/2020 9:37:53 PM	51753
EPA METHOD 8260B: VOLATILES SH	ORT LIST				Analyst	JMR
Benzene	ND	0.025	mg/Kg	1	4/14/2020 9:30:34 PM	51747
Toluene	ND	0.049	mg/Kg	1	4/14/2020 9:30:34 PM	51747
Ethylbenzene	ND	0.049	mg/Kg	1	4/14/2020 9:30:34 PM	51747
Xylenes, Total	ND	0.099	mg/Kg	1	4/14/2020 9:30:34 PM	51747
Surr: 1,2-Dichloroethane-d4	98.0	70-130	%Rec	1	4/14/2020 9:30:34 PM	51747
Surr: 4-Bromofluorobenzene	92.8	70-130	%Rec	1	4/14/2020 9:30:34 PM	51747
Surr: Dibromofluoromethane	103	70-130	%Rec	1	4/14/2020 9:30:34 PM	51747
Surr: Toluene-d8	96.3	70-130	%Rec	1	4/14/2020 9:30:34 PM	51747

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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Surr: Toluene-d8

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2004552

Date Reported: 4/17/2020

CLIENT: Safety & Environmental Solut	ions	Client Sample ID: SA4 1Ft					
Project: Ross Ranch		(Collection Dat	e: 4/8	3/2020 12:15:00 PM		
Lab ID: 2004552-015	Matrix: SOIL		Received Dat	e: 4/1	1/2020 10:00:00 AM		
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analys	t: CAS	
Chloride	ND	60	mg/Kg	20	4/15/2020 9:27:45 PM	51819	
EPA METHOD 8015D MOD: GASOLINE	RANGE				Analys	t: JMR	
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/14/2020 9:59:05 PM	51747	
Surr: BFB	97.2	70-130	%Rec	1	4/14/2020 9:59:05 PM	51747	
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS				Analys	t: BRM	
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	4/15/2020 10:02:09 PM	1 51753	
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	4/15/2020 10:02:09 PM	1 51753	
Surr: DNOP	91.6	55.1-146	%Rec	1	4/15/2020 10:02:09 PM	1 51753	
EPA METHOD 8260B: VOLATILES SHO	ORT LIST				Analys	t: JMR	
Benzene	ND	0.025	mg/Kg	1	4/14/2020 9:59:05 PM	51747	
Toluene	ND	0.049	mg/Kg	1	4/14/2020 9:59:05 PM	51747	
Ethylbenzene	ND	0.049	mg/Kg	1	4/14/2020 9:59:05 PM	51747	
Xylenes, Total	ND	0.099	mg/Kg	1	4/14/2020 9:59:05 PM	51747	
Surr: 1,2-Dichloroethane-d4	93.9	70-130	%Rec	1	4/14/2020 9:59:05 PM	51747	
Surr: 4-Bromofluorobenzene	93.8	70-130	%Rec	1	4/14/2020 9:59:05 PM	51747	
Surr: Dibromofluoromethane	101	70-130	%Rec	1	4/14/2020 9:59:05 PM	51747	

95.8

70-130

%Rec

1

4/14/2020 9:59:05 PM 51747

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

- 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

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Surr: Dibromofluoromethane

Surr: Toluene-d8

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2004552

Date Reported: 4/17/2020

CLIENT: Safety & Environmental S	olutions	Cl	ient Sample II	D: SA	A5 1Ft					
Project: Ross Ranch		(Collection Dat	e: 4/8	8/2020 12:40:00 PM					
Lab ID: 2004552-016	Matrix: SOIL	Received Date: 4/11/2020 10:00:00 AM								
Analyses	Result	RL	Qual Units	DF	Batch					
EPA METHOD 300.0: ANIONS					Analyst	: JMT				
Chloride	ND	61	mg/Kg	20	4/15/2020 6:33:51 PM	51836				
EPA METHOD 8015D MOD: GASO	LINE RANGE				Analyst	: JMR				
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/14/2020 10:27:34 PM	51747				
Surr: BFB	99.2	70-130	%Rec	1	4/14/2020 10:27:34 PM	51747				
EPA METHOD 8015M/D: DIESEL R	ANGE ORGANICS				Analyst	BRM				
Diesel Range Organics (DRO)	ND	9.0	mg/Kg	1	4/15/2020 10:26:32 PM	51753				
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	4/15/2020 10:26:32 PM	51753				
Surr: DNOP	101	55.1-146	%Rec	1	4/15/2020 10:26:32 PM	51753				
EPA METHOD 8260B: VOLATILES	SHORT LIST				Analyst	: JMR				
Benzene	ND	0.025	mg/Kg	1	4/14/2020 10:27:34 PM	51747				
Toluene	ND	0.049	mg/Kg	1	4/14/2020 10:27:34 PM	51747				
Ethylbenzene	ND	0.049	mg/Kg	1	4/14/2020 10:27:34 PM	51747				
Xylenes, Total	ND	0.099	mg/Kg	1	4/14/2020 10:27:34 PM	51747				
Surr: 1,2-Dichloroethane-d4	94.6	70-130	%Rec	1	4/14/2020 10:27:34 PM	51747				
Surr: 4-Bromofluorobenzene	96.9	70-130	%Rec	1	4/14/2020 10:27:34 PM	51747				

98.7

94.7

70-130

70-130

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
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range

%Rec

%Rec

1

1

4/14/2020 10:27:34 PM 51747

4/14/2020 10:27:34 PM 51747

RL Reporting Limit Page 16 of 28

Surr: Dibromofluoromethane

Surr: Toluene-d8

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2004552

Date Reported: 4/17/2020

CLIENT:	Safety & Environmental So	olutions	Cl	ient Sample II	D: SA	A6 1Ft	
Project:	Ross Ranch		(Collection Dat	e: 4/8	3/2020 1:00:00 PM	
Lab ID:	2004552-017	Matrix: SOIL					
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analys	t: JMT
Chloride		ND	60	mg/Kg	20	4/15/2020 7:11:04 PM	51836
EPA MET	HOD 8015D MOD: GASOL	INE RANGE				Analys	t: JMR
Gasoline	Range Organics (GRO)	ND	5.0	mg/Kg	1	4/15/2020 1:18:15 AM	51747
Surr: E	BFB	98.7	70-130	%Rec	1	4/15/2020 1:18:15 AM	51747
EPA MET	HOD 8015M/D: DIESEL RA	NGE ORGANICS				Analys	t: BRM
Diesel Ra	ange Organics (DRO)	ND	9.0	mg/Kg	1	4/15/2020 10:50:44 PM	1 51753
Motor Oil	Range Organics (MRO)	ND	45	mg/Kg	1	4/15/2020 10:50:44 PM	1 51753
Surr: D	DNOP	100	55.1-146	%Rec	1	4/15/2020 10:50:44 PM	1 51753
EPA MET	HOD 8260B: VOLATILES S	SHORT LIST				Analys	t: JMR
Benzene		ND	0.025	mg/Kg	1	4/15/2020 1:18:15 AM	51747
Toluene		ND	0.050	mg/Kg	1	4/15/2020 1:18:15 AM	51747
Ethylben	zene	ND	0.050	mg/Kg	1	4/15/2020 1:18:15 AM	51747
Xylenes,	Total	ND	0.099	mg/Kg	1	4/15/2020 1:18:15 AM	51747
Surr: 1	,2-Dichloroethane-d4	98.5	70-130	%Rec	1	4/15/2020 1:18:15 AM	51747
Surr: 4	l-Bromofluorobenzene	96.5	70-130	%Rec	1	4/15/2020 1:18:15 AM	51747

101

95.3

70-130

70-130

%Rec

%Rec

1

1

4/15/2020 1:18:15 AM 51747 4/15/2020 1:18:15 AM 51747

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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Surr: Toluene-d8

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2004552

Date Reported: 4/17/2020

CLIENT: Safety & Environmental Solu	tions	Cl	ient Sample II	D: SA	7 1Ft	
Project: Ross Ranch		(Collection Dat	e: 4/8	3/2020 1:30:00 PM	
Lab ID: 2004552-018	Matrix: SOIL		1/2020 10:00:00 AM			
Analyses	Result	RL Qual Units		DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	ND	60	mg/Kg	20	4/15/2020 7:48:18 PM	51836
EPA METHOD 8015D MOD: GASOLIN	E RANGE				Analys	t: JMR
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	4/15/2020 1:46:40 AM	51747
Surr: BFB	97.2	70-130	%Rec	1	4/15/2020 1:46:40 AM	51747
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANICS				Analys	t: BRM
Diesel Range Organics (DRO)	ND	9.0	mg/Kg	1	4/15/2020 11:15:01 PM	1 51753
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	4/15/2020 11:15:01 PM	1 51753
Surr: DNOP	102	55.1-146	%Rec	1	4/15/2020 11:15:01 PM	1 51753
EPA METHOD 8260B: VOLATILES SH	ORT LIST				Analys	t: JMR
Benzene	ND	0.025	mg/Kg	1	4/15/2020 1:46:40 AM	51747
Toluene	ND	0.050	mg/Kg	1	4/15/2020 1:46:40 AM	51747
Ethylbenzene	ND	0.050	mg/Kg	1	4/15/2020 1:46:40 AM	51747
Xylenes, Total	ND	0.10	mg/Kg	1	4/15/2020 1:46:40 AM	51747
Surr: 1,2-Dichloroethane-d4	98.0	70-130	%Rec	1	4/15/2020 1:46:40 AM	51747
Surr: 4-Bromofluorobenzene	96.5	70-130	%Rec	1	4/15/2020 1:46:40 AM	51747
Surr: Dibromofluoromethane	103	70-130	%Rec	1	4/15/2020 1:46:40 AM	51747

92.6

70-130

%Rec

1

4/15/2020 1:46:40 AM 51747

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

- 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 18 of 28

Surr: 4-Bromofluorobenzene

Surr: Dibromofluoromethane

Surr: Toluene-d8

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2004552

Date Reported: 4/17/2020

4/15/2020 2:15:02 AM

4/15/2020 2:15:02 AM

4/15/2020 2:15:02 AM

51747

51747

51747

CLIENT: Safety & Environmental	Solutions	Cl	ient Sample II	D: SA	A8 1Ft				
Project: Ross Ranch		(Collection Dat	e: 4/8	8/2020 1:55:00 PM				
Lab ID: 2004552-019	Matrix: SOIL	Received Date: 4/11/2020 10:00:00 AM							
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA METHOD 300.0: ANIONS					Analyst	ЈМТ			
Chloride	ND	60	mg/Kg	20	4/15/2020 8:00:42 PM	51836			
EPA METHOD 8015D MOD: GASO	LINE RANGE				Analyst	JMR			
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/15/2020 2:15:02 AM	51747			
Surr: BFB	97.7	70-130	%Rec	1	4/15/2020 2:15:02 AM	51747			
EPA METHOD 8015M/D: DIESEL F	RANGE ORGANICS				Analyst	BRM			
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	4/15/2020 11:39:10 PM	51753			
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	4/15/2020 11:39:10 PM	51753			
Surr: DNOP	103	55.1-146	%Rec	1	4/15/2020 11:39:10 PM	51753			
EPA METHOD 8260B: VOLATILES	SHORT LIST				Analyst	JMR			
Benzene	ND	0.025	mg/Kg	1	4/15/2020 2:15:02 AM	51747			
Toluene	ND	0.049	mg/Kg	1	4/15/2020 2:15:02 AM	51747			
Ethylbenzene	ND	0.049	mg/Kg	1	4/15/2020 2:15:02 AM	51747			
Xylenes, Total	ND	0.099	mg/Kg	1	4/15/2020 2:15:02 AM	51747			
Surr: 1,2-Dichloroethane-d4	94.9	70-130	%Rec	1	4/15/2020 2:15:02 AM	51747			

94.1

102

92.8

70-130

70-130

70-130

%Rec

%Rec

%Rec

1

1

1

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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Surr: Toluene-d8

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2004552

Date Reported: 4/17/2020

CLIENT: Safety & Environmental Solution	IS	Cl	ient Sample II	D: SA	A9 1Ft	
Project: Ross Ranch		(Collection Dat	e: 4/8	3/2020 2:20:00 PM	
Lab ID: 2004552-020	Matrix: SOIL		Received Dat	e: 4/1	1/2020 10:00:00 AM	
Analyses	Result	RL Qual Units		DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	ND	60	mg/Kg	20	4/15/2020 8:13:07 PM	51836
EPA METHOD 8015D MOD: GASOLINE R	ANGE				Analyst	: JMR
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	4/15/2020 2:43:23 AM	51747
Surr: BFB	97.4	70-130	%Rec	1	4/15/2020 2:43:23 AM	51747
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: JME
Diesel Range Organics (DRO)	46	9.6	mg/Kg	1	4/14/2020 4:18:18 PM	51754
Motor Oil Range Organics (MRO)	80	48	mg/Kg	1	4/14/2020 4:18:18 PM	51754
Surr: DNOP	93.7	55.1-146	%Rec	1	4/14/2020 4:18:18 PM	51754
EPA METHOD 8260B: VOLATILES SHOR	T LIST				Analyst	: JMR
Benzene	ND	0.025	mg/Kg	1	4/15/2020 2:43:23 AM	51747
Toluene	ND	0.050	mg/Kg	1	4/15/2020 2:43:23 AM	51747
Ethylbenzene	ND	0.050	mg/Kg	1	4/15/2020 2:43:23 AM	51747
Xylenes, Total	ND	0.099	mg/Kg	1	4/15/2020 2:43:23 AM	51747
Surr: 1,2-Dichloroethane-d4	96.3	70-130	%Rec	1	4/15/2020 2:43:23 AM	51747
Surr: 4-Bromofluorobenzene	94.6	70-130	%Rec	1	4/15/2020 2:43:23 AM	51747
Surr: Dibromofluoromethane	99.9	70-130	%Rec	1	4/15/2020 2:43:23 AM	51747

93.5

70-130

%Rec

1

4/15/2020 2:43:23 AM 51747

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 limitsP Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2004552

Date Reported: 4/17/2020

4/15/2020 3:11:42 AM

51747

51747

51747

51747

51747

51747

51747

51747

CLIENT: Safety & Environmental Solutions		Clien	t Sample II	D: SA	10 1Ft	
Project: Ross Ranch		Col	lection Dat	e: 4/8	3/2020 2:50:00 PM	
Lab ID: 2004552-021	Matrix: SOIL	Re	eceived Dat	e: 4/1	1/2020 10:00:00 AM	
Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: ЈМТ
Chloride	ND	60	mg/Kg	20	4/15/2020 8:25:31 PM	51836
EPA METHOD 8015D MOD: GASOLINE RA	NGE				Analyst	: JMR
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	4/15/2020 3:11:42 AM	51747
Surr: BFB	99.0	70-130	%Rec	1	4/15/2020 3:11:42 AM	51747
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS				Analyst	JME
Diesel Range Organics (DRO)	ND	8.7	mg/Kg	1	4/14/2020 5:30:01 PM	51754
Motor Oil Range Organics (MRO)	ND	43	mg/Kg	1	4/14/2020 5:30:01 PM	51754
Surr: DNOP	103	55.1-146	%Rec	1	4/14/2020 5:30:01 PM	51754
EPA METHOD 8260B: VOLATILES SHORT	LIST				Analyst	: JMR

ND

ND

ND

ND

96.1

93.9

97.6

94.0

0.025

0.050

0.050

0.10

70-130

70-130

70-130

70-130

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

%Rec

%Rec

%Rec

1

1

1

1

1

1

1

1

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

Qualifiers:

Benzene

Toluene

Ethylbenzene

Xylenes, Total

Surr: 1,2-Dichloroethane-d4

Surr: 4-Bromofluorobenzene

Surr: Dibromofluoromethane

Surr: Toluene-d8

- 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

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2004552

Date Reported: 4/17/2020

CLIENT	: Safety & Environmental So	olutions	Cl	ient Sample II): SA	11 1Ft					
Project:	Ross Ranch		(Collection Date	e: 4/8	3/2020 3:20:00 PM					
Lab ID:	2004552-022	Matrix: SOIL	Received Date: 4/11/2020 10:00:00 AM								
Analyses	5	Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA ME	THOD 300.0: ANIONS					Analyst	: JMT				
Chloride	9	ND	60	mg/Kg	20	4/15/2020 8:37:56 PM	51836				
EPA ME	THOD 8015D MOD: GASOL	INE RANGE				Analyst	: JMR				
Gasolin	e Range Organics (GRO)	ND	5.0	mg/Kg	1	4/15/2020 3:40:05 AM	51747				
Surr:	BFB	100	70-130	%Rec	1	4/15/2020 3:40:05 AM	51747				
EPA ME	THOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst	: JME				
Diesel F	Range Organics (DRO)	ND	9.0	mg/Kg	1	4/14/2020 5:53:56 PM	51754				
Motor O	il Range Organics (MRO)	ND	45	mg/Kg	1	4/14/2020 5:53:56 PM	51754				
Surr:	DNOP	110	55.1-146	%Rec	1	4/14/2020 5:53:56 PM	51754				
EPA ME	THOD 8260B: VOLATILES S	SHORT LIST				Analyst	: JMR				
Benzen	e	ND	0.025	mg/Kg	1	4/15/2020 3:40:05 AM	51747				
Toluene		ND	0.050	mg/Kg	1	4/15/2020 3:40:05 AM	51747				
Ethylber	nzene	ND	0.050	mg/Kg	1	4/15/2020 3:40:05 AM	51747				
Xylenes	, Total	ND	0.10	mg/Kg	1	4/15/2020 3:40:05 AM	51747				
Surr:	1,2-Dichloroethane-d4	94.2	70-130	%Rec	1	4/15/2020 3:40:05 AM	51747				
Surr:	4-Bromofluorobenzene	98.8	70-130	%Rec	1	4/15/2020 3:40:05 AM	51747				
-											

99.6

93.5

70-130

70-130

%Rec

%Rec

1

1

4/15/2020 3:40:05 AM

4/15/2020 3:40:05 AM 51747

51747

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
- JAnalyte detected below quantitation limitsPSample pH Not In Range
- RL Reporting Limit

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Surr: Dibromofluoromethane

Surr: Toluene-d8

Client: Project:	Safety & I Ross Rand	Environme ch	ntal Sc	olutions								
Sample ID: MB	-51836	SampTy	/pe: mb	olk	Tes	tCode: El	PA Method	300.0: Anion	5			
Client ID: PB	S	Batch	ID: 51	836	RunNo: 68136							
Prep Date: 4/	15/2020	Analysis Da	ate: 4/	15/2020	SeqNo: 2356639			Units: mg/K	g			
Analyte Chloride		Result ND	PQL 1.5	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Sample ID: LC	S-51836	SampTy	/pe: Ics	;	Tes	tCode: El						
Client ID: LC:	SS	Batch	836	F	8136							
Prep Date: 4/	15/2020	Analysis Da	ate: 4/	15/2020	SeqNo: 2356640			Units: mg/Kg				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Chloride		14	1.5	15.00	0	95.0	90	110				
Sample ID: MB	-51819	SampTy	/pe: m t	olk	Tes	tCode: El	PA Method	300.0: Anion:	s			
Client ID: PB	S	Batch	ID: 51	819	F	unNo: 6	8146					
Prep Date: 4/	15/2020	Analysis Da	ate: 4/	15/2020	S	eqNo: 2	356712	Units: mg/K	g			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Chloride		ND	1.5									
Sample ID: LC	S-51819	SampTy	/pe: Ics	;	Tes	tCode: El	PA Method	300.0: Anion	S			
Client ID: LC:	SS	Batch	ID: 51	819	F	lunNo: 6	8146					
Prep Date: 4/	15/2020	Analysis Da	ate: 4/	15/2020	S	SeqNo: 2	356713	Units: mg/K	g			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Chloride		14	1.5	15.00	0	94.0	90	110				

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical 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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2004552

17-Apr-20

Client:Safety &Project:Ross Rar	Environmental Solutions ach						
Sample ID: LCS-51753	SampType: LCS	TestCode: EPA Method	8015M/D: Diesel Range Organics				
Client ID: LCSS	Batch ID: 51753	RunNo: 68138					
Prep Date: 4/13/2020	Analysis Date: 4/15/2020	SeqNo: 2355495	Units: mg/Kg				
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual				
Diesel Range Organics (DRO)	50 10 50.00	0 99.1 70	130				
Surr: DNOP	4.3 5.000	85.9 55.1	146				
Sample ID: MB-51753	SampType: MBLK	TestCode: EPA Method	8015M/D: Diesel Range Organics				
Client ID: PBS	Batch ID: 51753	RunNo: 68138					
Prep Date: 4/13/2020	Analysis Date: 4/15/2020	SeqNo: 2355496	Units: mg/Kg				
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual				
Diesel Range Organics (DRO)	ND 10						
Motor Oil Range Organics (MRO)	ND 50						
Surr: DNOP	7.6 10.00	76.1 55.1	146				
Sample ID: MB-51754	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: PBS	Batch ID: 51754	RunNo: 68099					
Prep Date: 4/13/2020	Analysis Date: 4/14/2020	SeqNo: 2355633	Units: mg/Kg				
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual				
Diesel Range Organics (DRO)	ND 10						
Motor Oil Range Organics (MRO)	ND 50						
Surr: DNOP	6.9 10.00	68.7 55.1	146				
Sample ID: LCS-51754	SampType: LCS	TestCode: EPA Method	8015M/D: Diesel Range Organics				
Client ID: LCSS	Batch ID: 51754	RunNo: 68099					
Prep Date: 4/13/2020	Analysis Date: 4/14/2020	SeqNo: 2355634	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 94.4 70	130				
Surr: DNOP	4.4 5.000	88.3 55.1	146				
Sample ID: 2004552-020AMS	SampType: MS	TestCode: EPA Method	8015M/D: Diesel Range Organics				
Client ID: SA9 1Ft	Batch ID: 51754	RunNo: 68099					
Prep Date: 4/13/2020	Analysis Date: 4/14/2020	SeqNo: 2355636	Units: mg/Kg				
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual				
Diesel Range Organics (DRO)	89 9.5 47.66	45.96 90.1 47.4	136				
Surr: DNOP	4.9 4.766	102 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

2004552

17-Apr-20

Client:	Safety &	Environme	ental Sc	olutions							
Project:	Ross Ran	ch									
Sample ID: 2	004552-020AMSE) SampT	ype: M S	SD	Tes	tCode: EF	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: S	t ID: SA9 1Ft Batch ID: 51754					unNo: 6	8099				
Prep Date:	4/13/2020	Analysis D	ate: 4/	14/2020	S	eqNo: 2	355637	Units: mg/Kg			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Or	ganics (DRO)	91	9.2	46.13	45.96	97.5	47.4	136	2.27	43.4	
Surr: DNOP		4.3		4.613		93.7	55.1	146	0	0	

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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2004552

17-Apr-20

Client:Safety &Project:Ross Ra	z Environm nch	ental So	lutions							
Sample ID: 2004552-012ams	s Samp	Type: MS	;	Tes	TestCode: EPA Method 8260B: Volatiles Short List					
Client ID: SA1 1Ft	Batc	h ID: 517	747	F	RunNo: 68	B126				
Prep Date: 4/12/2020	Analysis I	Date: 4/	14/2020	S	SeqNo: 2355174 Units: m			٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.86	0.025	0.9862	0	87.1	70	130			
Toluene	0.96	0.049	0.9862	0	97.0	70	130			
Ethylbenzene	0.96	0.049	0.9862	0	97.2	70	130			
Xylenes, Total	2.9	0.099	2.959	0	99.1	70	130			
Surr: 1,2-Dichloroethane-d4	0.45		0.4931		91.7	70	130			
Surr: 4-Bromofluorobenzene	0.46		0.4931		93.8	70	130			
Surr: Dibromofluoromethane	0.49		0.4931		100	70	130			
Surr: Toluene-d8	0.45		0.4931		91.7	70	130			
Sample ID: 2004552-012ams	d Samp	Туре: МS	D	TestCode: EPA Method 8260B: Volatiles Short List						
Client ID: SA1 1Ft	Batc	h ID: 517	747	F	RunNo: 68126					
Prep Date: 4/12/2020	Analysis I	Analysis Date: 4/14/2020			SeqNo: 2355175 Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.83	0.025	0.9930	0	83.9	70	130	3.00	20	
Toluene	0.94	0.050	0.9930	0	94.6	70	130	1.82	20	
Ethylbenzene	0.97	0.050	0.9930	0	97.6	70	130	1.06	0	
Xylenes, Total	2.9	0.099	2.979	0	97.5	70	130	0.944	0	
Surr: 1,2-Dichloroethane-d4	0.47		0.4965		94.4	70	130	0	0	
Surr: 4-Bromofluorobenzene	0.48		0.4965		96.2	70	130	0	0	
Surr: Dibromofluoromethane	0.51		0.4965		102	70	130	0	0	
Surr: Toluene-d8	0.47		0.4965		95.2	70	130	0	0	
Sample ID: Ics-51747	Samp	Type: LC	S	Tes	tCode: EF	PA Method	8260B: Volat	tiles Short	List	
Client ID: LCSS	Batc	h ID: 517	747	F	RunNo: 68	8126				
Prep Date: 4/12/2020	Analysis I	Date: 4/	14/2020	5	SeqNo: 23	355186	Units: mg/K	ζg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.025	1.000	0	89.1	70	130			
Toluene	1.0	0.050	1.000	0	101	70	130			
Ethylbenzene	1.0	0.050	1.000	0	102	70	130			
Xylenes, Total	3.1	0.10	3.000	0	103	70	130			
Surr: 1,2-Dichloroethane-d4	0.48		0.5000		96.2	70	130			
Surr: 4-Bromofluorobenzene	0.48		0.5000		95.8	70	130			
Surr: Dibromofluoromethane	0.50		0.5000		101	70	130			
Surr: Toluene-d8	0.48		0.5000		96.5	70	130			

Qualifiers:

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

PQL Practical 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#: 2004552

17-Apr-20
Client: Project:	Safety & Ross Ra	& Environme anch	ental Sc	olutions							
Sample ID: mb-51	747	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8260B: Volat	iles Short	List	
Client ID: PBS		Batch	n ID: 51	747	F	RunNo: 6	8126				
Prep Date: 4/12/	2020	Analysis D	ate: 4/	14/2020	S	SeqNo: 2	355187	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: 1,2-Dichloroeth	ane-d4	0.47		0.5000		94.9	70	130			
Surr: 4-Bromofluorob	enzene	0.47		0.5000		93.7	70	130			
Surr: Dibromofluorom	nethane	0.50		0.5000		100	70	130			
Surr: Toluene-d8		0.48		0.5000		95.7	70	130			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical 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 27 of 28

2004552

Client:		Environme	ntal Sc	olutions							
Project:	Ross Ran	ch									
Sample ID:	2004552-013ams	SampTy	pe: MS	6	Tes	tCode: EF	PA Method	8015D Mod:	Gasoline	Range	
Client ID:	SA2 1Ft	Batch	ID: 51	747	F	RunNo: 68	8126				
Prep Date:	4/12/2020	Analysis Da	te: 4/	14/2020	S	SeqNo: 2	355208	Units: mg/k	ſg		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	20	4.9	24.73	0	81.2	70	130			
Surr: BFB		480		494.6		97.9	70	130			
Sample ID:	2004552-013amsd	SampTy	pe: MS	SD	Tes	tCode: EF	PA Method	8015D Mod:	Gasoline	Range	
Client ID:	SA2 1Ft	Batch	ID: 51	747	F	RunNo: 68	8126				
Prep Date:	4/12/2020	Analysis Da	te: 4/	14/2020	S	SeqNo: 2	355209	Units: mg/k	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	20	4.9	24.73	0	82.4	70	130	1.52	20	
Surr: BFB		480		494.6		97.2	70	130	0	0	
Sample ID:	lcs-51747	SampTy	pe: LC	S	Tes	tCode: EF	PA Method	8015D Mod:	Gasoline	Range	
Client ID:	LCSS	Batch	ID: 51	747	F	RunNo: 68	8126				
Prep Date:	4/12/2020	Analysis Da	te: 4/	14/2020	5	SeqNo: 2	355219	Units: mg/k	íg		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	21	5.0	25.00	0	85.9	70	130			
Surr: BFB		490		500.0		98.5	70	130			
Sample ID:	mb-51747	SampTy	pe: ME	BLK	Tes	tCode: EF	PA Method	8015D Mod:	Gasoline	Range	
Client ID:	PBS	Batch	ID: 51	747	F	RunNo: 6 8	8126				
Prep Date:	4/12/2020	Analysis Da	te: 4/	14/2020	S	SeqNo: 2	355220	Units: mg/k	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	ND	5.0								
Surr: BFB		490		500.0		97.6	70	130			

Qualifiers:

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

2004552

17-Apr-20

HALL ENVIRONMENTAL ANALYSIS LABORATORY	TEL: 505-345-	ental Analysis Labor 4901 Hawkir Albuquerque, NM 8 3975 FAX: 505-345- w.hallenvironmenta	us NE 27109 Sar 4107	nple Log-In C	heck List
Client Name: Safety Env Solutions	Work Order Nun	1ber: 2004552		RcptNo:	1
Received By: Erin Melendrez	4/11/2020 10:00:0	0 AM	VI MA	5	
Completed By: Erin Melendrez	4/11/2020 11:09:2	7 AM	in	, ,	
Reviewed By:				_	
<u>Chain of Custody</u>					
1. Is Chain of Custody sufficiently complete?		Yes 🔽	No 🗌	Not Present	
2. How was the sample delivered?		<u>Courier</u>			
l en la					
Log In 3. Was an attempt made to cool the samples?		Yes 🗸	No 🗌		
		res 💌			
4. Were all samples received at a temperature	of >0° C to 6.0°C	Yes 🔽	No 🗌		
5. Sample(s) in proper container(s)?		Yes 🗹	No 🗌		
6. Sufficient sample volume for indicated test(s)?	Yes 🗹	No 🗌		
7. Are samples (except VOA and ONG) proper	y preserved?	Yes 🗹	No 🗌		
8. Was preservative added to bottles?		Yes	No 🗹	NA 🗆	
9. Received at least 1 vial with headspace <1/4	" for AQ VOA?	Yes	No 🗌	NA 🗹	
10. Were any sample containers received broke	n?	Yes	No 🗹		/
· · · · · · · · · · · · · · · · · · ·				# of preserved bottles checked	
11. Does paperwork match bottle labels?		Yes 🔽	No 🗌	for pH:	10
(Note discrepancies on chain of custody) 12. Are matrices correctly identified on Chain of (Custody?	Yes 🗹	No 🗌	(<2 or Adjusted?	>12 unless noted)
13, Is it clear what analyses were requested?	custody?	Yes 🗹			
14. Were all holding times able to be met?		Yes 🗹		Checked by:	NM 4/11/20
(If no, notify customer for authorization.)					
Special Handling (if applicable)					
15. Was client notified of all discrepancies with t	his order?	Yes 🗌	No 🗌	NA 🗹	
Person Notified:	Date				

By Whom: Via: 🗌 eMail 📋 Phone 🗌 Fax	In Person
Regarding:	
Client Instructions:	

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.6	Good				
2	3.3	Good				

Page 1 of 1

EVITRONMENTAL YSIS LABORATORY anvironmental.com Albuquerque, NM 87109	4107	(juəsdA)	521	Total Colifor CA loc 12	× 7	X, X	X	x x		× 7		Lage 76 of 12
 HALL ENVIRON ANALYSIS LABC www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 6 	505-345-3975 Fax 505-345- Analysis Request	⁺OS ʻ*Od SWISC	10 or 827(tais 103, NO ₂ ,	EDB (Metho PAHs by 83 Cl, F, Br, N 8260 (VOA) 8270 (Semi-								tracte
	Tel. 50	(OAM \ O	פצס ו חצ	ابت کم رق ВТЕХ / МТI ТРН:8015D(8081 Реstic	Д Д	X X 	*		X X	X	××	me Remarks:
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Turn-Around Time:	Project #:	Project Manager: \mathcal{B} ab	Sampler: On Ice: 🔥	Cooler Temp(meluding.cp:() उ <i>े</i> ८ Container Preservati Type and # Type							Hoe Jer	Received by: Received by:
erncale Stody Re Chalen	14665 NN 88240 Phone #: 575 3970510	email or Fax#: QA/QC Package: Standard	Accreditation:	Matrix Sample Name	THE SAL IFT	1120 SY 542 11-7 1145 S 543 17+	15) 1240 5 5A5 1F1 1300 5 5A6 1F7	(1730 S SM7 1FT	5 \$ 599	4-8-3 1520 5 1 5A10 1FT	Darte: Time: Relinquished by; 4-9-20 1630 8 be/b Mc/-m 7 Are: 7 1630 8 be/b Mc/-m 7 Date: 7 7 8 ceived by: Nia: Council 7 7 8 ceived by: 10 Mo 1 9 10 10 10 If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories.

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Arou Stanc	sct M	# of Cooler Cooler Tem Container Type and #	بالاحالية	3	1-42 Jur	-4 ci Der	1-4 or Jac	5	R	<u>سلور را</u>	1-402 Jar		/d be/	ied by	d to of
Turn-Around Time: Sulf Standard Control Project Name: DEV 19 Rass Raw Project #:	Project M Sampler:	# of Coolers Cooler Temp _{(ind} Container Type and # T)-,¢	<u>1-4 e2</u>	1-42	- - -)-4,	1 yoz Jar	1-4.2	1-402	1-4.	•	Received by	Received by	Intracte
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उ ≚ t Released to Imaging: 11/6/2	[]5]8 2 2 ⊂ 023 7-40-33 4M		×.	5	<u>t </u>	- 5-	5	4-8	2-12	- 5	2	2	Date.	Date:	



June 16, 2020

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

RE: Devon Ross Ranch

OrderNo.: 2006424

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 6 sample(s) on 6/9/2020 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 2006424

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Devon Ross Ranch

2006424-001

Client Sample ID: Bottom 1ft Collection Date: 6/4/2020 10:35:00 AM Received Date: 6/9/2020 9:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	100	60	mg/Kg	20	6/15/2020 3:44:34 AM	53073
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	CLP
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	6/10/2020 12:38:27 PM	52972
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	6/10/2020 12:38:27 PM	52972
Surr: DNOP	94.2	55.1-146	%Rec	1	6/10/2020 12:38:27 PM	52972
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	6/10/2020 2:55:07 PM	52971
Surr: BFB	83.5	66.6-105	%Rec	1	6/10/2020 2:55:07 PM	52971
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.023	mg/Kg	1	6/10/2020 2:55:07 PM	52971
Toluene	ND	0.046	mg/Kg	1	6/10/2020 2:55:07 PM	52971
Ethylbenzene	ND	0.046	mg/Kg	1	6/10/2020 2:55:07 PM	52971
Xylenes, Total	ND	0.093	mg/Kg	1	6/10/2020 2:55:07 PM	52971
Surr: 4-Bromofluorobenzene	106	80-120	%Rec	1	6/10/2020 2:55:07 PM	52971

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 1 of 11

Project:

Analytical Report Lab Order 2006424

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Devon Ross Ranch

Date Reported: 6/16/2020 Client Sample ID: Bottom 2 1ft Collection Date: 6/4/2020 10:55:00 AM Received Date: 6/9/2020 9:30:00 AM

Lab ID: 2006424-002	Matrix: SOIL		Received Dat	e: 6/9	9/2020 9:30:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	ND	60	mg/Kg	20	6/15/2020 3:56:58 AM	53073
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	: CLP
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	6/10/2020 1:08:25 PM	52972
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	6/10/2020 1:08:25 PM	52972
Surr: DNOP	123	55.1-146	%Rec	1	6/10/2020 1:08:25 PM	52972
EPA METHOD 8015D: GASOLINE RAN	GE				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/10/2020 4:29:48 PM	52971
Surr: BFB	82.5	66.6-105	%Rec	1	6/10/2020 4:29:48 PM	52971
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	6/10/2020 4:29:48 PM	52971
Toluene	ND	0.050	mg/Kg	1	6/10/2020 4:29:48 PM	52971
Ethylbenzene	ND	0.050	mg/Kg	1	6/10/2020 4:29:48 PM	52971
Xylenes, Total	ND	0.099	mg/Kg	1	6/10/2020 4:29:48 PM	52971
Surr: 4-Bromofluorobenzene	104	80-120	%Rec	1	6/10/2020 4:29:48 PM	52971

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 11

Analytical Report Lab Order 2006424

Date Reported: 6/16/2020

CLIENT:Safety & Environmental SolutioProject:Devon Ross RanchLab ID:2006424-003	IutionsClient Sample ID: WestCollection Date: 6/4/2020 11:20:00 AMMatrix: SOILReceived Date: 6/9/2020 9:30:00 AM							
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	CAS		
Chloride	150	60	mg/Kg	20	6/15/2020 4:09:23 AM	53073		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	CLP		
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	6/10/2020 1:18:28 PM	52972		
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	6/10/2020 1:18:28 PM	52972		
Surr: DNOP	117	55.1-146	%Rec	1	6/10/2020 1:18:28 PM	52972		
EPA METHOD 8015D: GASOLINE RANG	E				Analyst	: NSB		
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	6/10/2020 4:53:17 PM	52971		
Surr: BFB	83.7	66.6-105	%Rec	1	6/10/2020 4:53:17 PM	52971		
EPA METHOD 8021B: VOLATILES					Analyst	: NSB		
Benzene	ND	0.024	mg/Kg	1	6/10/2020 4:53:17 PM	52971		
Toluene	ND	0.048	mg/Kg	1	6/10/2020 4:53:17 PM	52971		
Ethylbenzene	ND	0.048	mg/Kg	1	6/10/2020 4:53:17 PM	52971		
Xylenes, Total	ND	0.095	mg/Kg	1	6/10/2020 4:53:17 PM	52971		
Surr: 4-Bromofluorobenzene	104	80-120	%Rec	1	6/10/2020 4:53:17 PM	52971		

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 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 3 of 11

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Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2006424

Date Reported: 6/16/2020

CLIENT: Safety & Environmental Solution	s	Cl	ient Sample II	D: So	uth					
Project: Devon Ross Ranch		(Collection Dat	e: 6/4	/2020 11:50:00 AM					
Lab ID: 2006424-004	Matrix: SOIL	Received Date: 6/9/2020 9:30:00 AM								
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA METHOD 300.0: ANIONS					Analyst	MRA				
Chloride	150	60	mg/Kg	20	6/15/2020 9:48:06 AM	53078				
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	BRM				
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	6/12/2020 8:39:54 AM	53019				
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	6/12/2020 8:39:54 AM	53019				
Surr: DNOP	113	55.1-146	%Rec	1	6/12/2020 8:39:54 AM	53019				
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB				
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/10/2020 5:16:49 PM	52971				
Surr: BFB	82.4	66.6-105	%Rec	1	6/10/2020 5:16:49 PM	52971				
EPA METHOD 8021B: VOLATILES					Analyst	NSB				
Benzene	ND	0.025	mg/Kg	1	6/10/2020 5:16:49 PM	52971				
Toluene	ND	0.049	mg/Kg	1	6/10/2020 5:16:49 PM	52971				
Ethylbenzene	ND	0.049	mg/Kg	1	6/10/2020 5:16:49 PM	52971				
Xylenes, Total	ND	0.099	mg/Kg	1	6/10/2020 5:16:49 PM	52971				
Surr: 4-Bromofluorobenzene	104	80-120	%Rec	1	6/10/2020 5:16:49 PM	52971				

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

- 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 4 of 11

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order **2006424** Date Reported: **6/16/2020**

CLIENT: Safety & Environmental Solution	ons	Cl	ient Sample II	D: No	orth	
Project: Devon Ross Ranch		(Collection Dat	e: 6/4	/2020 1:20:00 PM	
Lab ID: 2006424-005	Matrix: SOIL		Received Dat	e: 6/9	0/2020 9:30:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	210	60	mg/Kg	20	6/15/2020 10:00:31 AM	53078
EPA METHOD 8015M/D: DIESEL RANGE	E ORGANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	6/12/2020 9:09:17 AM	53019
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	6/12/2020 9:09:17 AM	53019
Surr: DNOP	116	55.1-146	%Rec	1	6/12/2020 9:09:17 AM	53019
EPA METHOD 8015D: GASOLINE RANG	Ε				Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	6/10/2020 5:40:21 PM	52971
Surr: BFB	84.5	66.6-105	%Rec	1	6/10/2020 5:40:21 PM	52971
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.024	mg/Kg	1	6/10/2020 5:40:21 PM	52971
Toluene	ND	0.048	mg/Kg	1	6/10/2020 5:40:21 PM	52971
Ethylbenzene	ND	0.048	mg/Kg	1	6/10/2020 5:40:21 PM	52971
Xylenes, Total	ND	0.096	mg/Kg	1	6/10/2020 5:40:21 PM	52971
Surr: 4-Bromofluorobenzene	106	80-120	%Rec	1	6/10/2020 5:40:21 PM	52971

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
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- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report Lab Order 2006424

Date Reported: 6/16/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions **Client Sample ID:** East **Project:** Devon Ross Ranch Collection Date: 6/4/2020 2:20:00 PM Lab ID: 2006424-006 Matrix: SOIL Received Date: 6/9/2020 9:30:00 AM Result **RL** Oual Units **DF** Date Analyzed Batch Analyses Analyst: MRA **EPA METHOD 300.0: ANIONS** Chloride 210 60 mg/Kg 20 6/15/2020 10:12:55 AM 53078 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM **Diesel Range Organics (DRO)** ND 9.9 mg/Kg 1 6/12/2020 9:19:09 AM 53019 Motor Oil Range Organics (MRO) ND 50 mg/Kg 1 6/12/2020 9:19:09 AM 53019 Surr: DNOP 88.9 53019 55.1-146 %Rec 1 6/12/2020 9:19:09 AM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB 6/10/2020 6:03:52 PM Gasoline Range Organics (GRO) ND 52971 4.9 mg/Kg 1 Surr: BFB 83.7 %Rec 6/10/2020 6:03:52 PM 52971 66.6-105 1 **EPA METHOD 8021B: VOLATILES** Analyst: NSB ND 6/10/2020 6:03:52 PM 52971 Benzene 0.024 mg/Kg 1 Toluene ND 0.049 mg/Kg 1 6/10/2020 6:03:52 PM 52971 Ethylbenzene ND 0.049 mg/Kg 1 6/10/2020 6:03:52 PM 52971 Xylenes, Total ND 0.098 mg/Kg 6/10/2020 6:03:52 PM 52971 1 Surr: 4-Bromofluorobenzene 104 6/10/2020 6:03:52 PM 80-120 %Rec 1 52971

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

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- RL
 - Reporting Limit

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Client: Project:	Safety & Devon Ro	Environme oss Ranch	ental Sc	olutions							
Sample ID: ME	3-53073	SampT	ype: m t	olk	Tes	tCode: El	PA Method	300.0: Anion:	6		
Client ID: PB	S	Batch	n ID: 53	073	F	RunNo: 6	9641				
Prep Date: 6/	/14/2020	Analysis D	ate: 6/	14/2020	S	SeqNo: 24	417494	Units: mg/K	g		
Analyte Chloride		Result ND	PQL 1.5	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sample ID: LC	S-53073	SampT	ype: Ics	5	Tes	tCode: El	PA Method	300.0: Anions	5		
Client ID: LC	SS	Batch	n ID: 53	073	F	RunNo: 6	9641				
Prep Date: 6/	14/2020	Analysis D	ate: 6/	14/2020	S	SeqNo: 24	417495	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	95.6	90	110			
Sample ID: ME	3-53078	SampT	ype: m t	olk	Tes	tCode: El	PA Method	300.0: Anion:	8		
Client ID: PB	S	Batch	n ID: 53	078	F	RunNo: 6	9667				
Prep Date: 6/	/15/2020	Analysis D	ate: 6/	15/2020	S	SeqNo: 24	418561	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID: LC	S-53078	SampT	ype: Ics	6	Tes	tCode: El	PA Method	300.0: Anion:	S		
Client ID: LC	SS	Batch	n ID: 53	078	F	RunNo: 6	9667				
Prep Date: 6/	/15/2020	Analysis D	ate: 6/	15/2020	S	SeqNo: 24	418562	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	95.0	90	110			

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2006424

16-Jun-20

Client: Project:	Safety & En Devon Ross		ental So	olutions							
Sample ID: MB-52	972	Samp	ype: ME	BLK	Tes	tCode: EF	PA Method	8015M/D: Di	esel Range	e Organics	
Client ID: PBS		Batc	h ID: 52	972	F	RunNo: 69	9523				
Prep Date: 6/9/2	020 A	Analysis E	Date: 6/	10/2020	S	SeqNo: 24	413124	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics	()	ND	10								
Motor Oil Range Organi	cs (MRO)	ND	50								
Surr: DNOP		11		10.00		114	55.1	146			
Sample ID: LCS-5	2972	Samp	Type: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: LCSS		Batc	h ID: 52	972	F	RunNo: 6 9	9523				
Prep Date: 6/9/2	020 A	Analysis [Date: 6/	10/2020	S	SeqNo: 24	413125	Units: mg/K	۲g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics	(DRO)	51	10	50.00	0	102	70	130			
Surr: DNOP		5.2		5.000		103	55.1	146			
Sample ID: 20064	24-001AMS	Samp	Гуре: М	6	Tes	tCode: EF	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: Bottor	n 1ft	Batc	h ID: 52	972	F	RunNo: 69	9523				
Prep Date: 6/9/2	020 A	Analysis E	Date: 6/	10/2020	S	SeqNo: 24	413539	Units: mg/#	ζg		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics	(DRO)	43	9.6	47.76	0	90.3	47.4	136			
Surr: DNOP		4.2		4.776		87.8	55.1	146			
Sample ID: 20064	24-001AMSD	Samp	Гуре: М	SD	Tes	tCode: EF	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: Bottor	n 1ft	Batc	h ID: 52	972	F	RunNo: 69	9523				
Prep Date: 6/9/2	020 A	Analysis E	Date: 6/	10/2020	5	SeqNo: 24	413540	Units: mg/k	ζg		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics	(DRO)	42	9.4	46.77	0	90.5	47.4	136	1.81	43.4	
Surr: DNOP		4.5		4.677		96.4	55.1	146	0	0	
Sample ID: 20064	24-004AMS	Samp	Гуре: М \$	3	Tes	tCode: EF	PA Method	8015M/D: Die	esel Rang	e Organics	
		Batc	h ID: 53	019	F	RunNo: 69	9585				
Client ID: South											
Client ID: South Prep Date: 6/11/	2 020 A	Analysis [Date: 6/	12/2020	5	SeqNo: 24	415646	Units: mg/k	(g		
	2020 A		Date: 6/ PQL		SPK Ref Val	eqNo: 2 4%	415646 LowLimit	Units: mg/k HighLimit	(g %RPD	RPDLimit	Qual
Prep Date: 6/11/		Analysis [•		U	0	RPDLimit	Qual

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2006424

16-Jun-20

Client: Project:	Safety & I Devon Ro		ental So	lutions							
Sample ID: 2	2006424-004AMSD	SampT	ype: MS	D	Tes	Code: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	South	Batch	ID: 530)19	R	unNo: 69	9585				
Prep Date:	6/11/2020	Analysis Da	ate: 6/'	12/2020	S	eqNo: 24	15647	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Or	ganics (DRO)	44	9.6	48.17	0	91.6	47.4	136	22.4	43.4	
Surr: DNOP		4.7		4.817		98.3	55.1	146	0	0	
Sample ID: L	-CS-53019	SampT	ype: LC	s	Tes	Code: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: L	CSS	Batch	ID: 530)19	R	unNo: 69	9585				
Prep Date:	6/11/2020	Analysis Da	ate: 6/'	12/2020	S	eqNo: 24	15665	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Or	ganics (DRO)	51	10	50.00	0	102	70	130			
Surr: DNOP		5.2		5.000		104	55.1	146			
Sample ID: N	/IB-53019	SampT	ype: MB	LK	Tes	Code: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: F	PBS	Batch	ID: 530)19	R	unNo: 69	9585				
Prep Date:	6/11/2020	Analysis Da	ate: 6/*	12/2020	S	eqNo: 24	15666	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Or	ganics (DRO)	ND	10								
Motor Oil Range	Organics (MRO)	ND	50								
Surr: DNOP		13		10.00		127	55.1	146			

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2006424

16-Jun-20

•	Environmental Solutions oss Ranch								
Sample ID: mb-52971	SampType:	MBLK	Tes	tCode: EP	A Method	8015D: Gaso	line Rang	е	
Client ID: PBS	Batch ID:	52971							
Prep Date: 6/9/2020	Analysis Date:	6/10/2020	S	SeqNo: 24	13782	Units: mg/K	g		
Analyte	Result PQ	_ SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND 5	.0							
Surr: BFB	800	1000		79.8	66.6	105			
Sample ID: Ics-52971	SampType:	LCS	Tes	tCode: EP	A Method	8015D: Gaso	line Range	e	
Client ID: LCSS	Batch ID:	52971	F	RunNo: 69	544				
Prep Date: 6/9/2020	Analysis Date:	6/10/2020	S	SeqNo: 24	13783	Units: mg/K	g		
Analyte	Result PQ	_ SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23 5	.0 25.00	0	92.2	80	120			
Surr: BFB	930	1000		93.5	66.6	105			

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2006424

16-Jun-20

Client:	Safety & Envir	onmental	Solutions							
Project:	Devon Ross Ra	anch								
Sample ID: mb-52	9 71 S	ampType:	MBLK	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: PBS		Batch ID:	52971	F	RunNo: 6	9544				
Prep Date: 6/9/20	020 Anal	nalysis Date: 6/10/2020 SeqNo: 2413808 Units: mg/Kg								
Analyte	Res	sult PC	L SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		ND 0.0	25							
Toluene		ND 0.0	50							
Ethylbenzene		ND 0.0	50							
Xylenes, Total		ND 0.	10							
Surr: 4-Bromofluorobe	enzene	1.0	1.000		99.6	80	120			
Sample ID: LCS-5	2971 S	ampType:	LCS	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: LCSS		Batch ID:	52971	F	RunNo: 6 9	9544				
Prep Date: 6/9/20	020 Anal	ysis Date:	6/10/2020	S	SeqNo: 24	413809	Units: mg/K	g		
Analyte	Res	sult PC	L SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0	.95 0.0	25 1.000	0	94.9	80	120			
Toluene	0	.97 0.0	50 1.000	0	97.0	80	120			
Ethylbenzene		07 00	F0 4 000	0	96.8	80	120			
	0	.97 0.0	50 1.000	0	90.0	00	120			
Xylenes, Total			10 3.000	-	90.8 97.0	80 80	120			

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Released to Imaging: 11/6/2023 7:40:33 AM

- B Analyte detected in the associated Method Blank
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2006424

16-Jun-20

ANAL	RONMENT YSIS RATORY	AL	TE	ll Environme. L: 505-345-3 Website: www	49) Albuquer 3975 FAX:	01 Haw que, NN 505-34	kins NE 4 87109 45-4107	Sar	nple Log-In C	heck List
Client Name:	Safety Env	Solutions	Work	Order Num	ber: 200	6424			RcptNo:	1
Received By:	Isaiah Or	tiz	6/9/202	0 9:30:00 A	M		T	- 0	2/	
Completed By:	Isaiah Or	tiz	6/9/202	0 9:39:33 A	М		I		2~	
Reviewed By: 7	DAD 6/4	1/20								
Chain of Cus	stody									
1. Is Chain of C	ustody comp	lete?			Yes	\checkmark	No		Not Present	
2. How was the	sample deliv	vered?			<u>Cou</u>	rier				
Log In 3. Was an attem	npt made to o	cool the samp	les?		Yes	✓	No		NA 🗌	
4. Were all sam	ples received	l at a tempera	ture of >0° C	to 6.0°C	Yes	✓	No			
5. Sample(s) in	proper conta	iner(s)?			Yes	\checkmark	No			
6. Sufficient sam	nple volume f	or indicated to	est(s)?		Yes	\checkmark	No			
7. Are samples (except VOA	and ONG) pr	operly preserve	ed?	Yes	\checkmark	No			
8. Was preserva	tive added to	bottles?			Yes		No	\checkmark	NA 🗌	
9. Received at le	east 1 vial wit	h headspace	<1/4" for AQ V	'OA?	Yes		No		NA 🗹	10
10. Were any san			oroken?		Yes				# of preserved bottles checked	6/9/20
11. Does paperwo (Note discrepa			r)		Yes	\checkmark	No		for pH: (<2 or	>12 unless noted)
12. Are matrices of					Yes	\checkmark	No		Adjusted?	
13. Is it clear what	t analyses we	ere requested	?		Yes	\checkmark	No			
14. Were all holdin (If no, notify cu					Yes	\checkmark	No		Checked by:	
Special Handl	ina (if apr	olicable)								
15. Was client no			with this order?	,	Yes		No		NA 🗹	
Person	Notified:	[Date:			and the second states of			
By Who	om:	[Via:	eMa	ail 🗔	Phone	Fax	In Person	
Regardi	ing:	[
Client Ir	nstructions:									
16. Additional ren	marks:									
17. Cooler Infor	mation									
Cooler No		Condition	Seal Intact	Seal No	Seal D	ate	Signed	Ву		
1	1.7	Good	Not Present						- Contraction of the second se	

Page 1 of 1

Received by OCD: 11/3/2023 10:28:32 AM

Received by OCD: 11/3/2	023	10:28:32 AN	1									Pag	ge 91 of 12
HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107	Analysis		GRO / DF des/8082 d 504.1) tals tals (AO2)	3015D(1 Pestic 3 (Metho 1 Bry 83 5 8 Me 5 8 Me 5 8 Me 7 0 (VOA) 0 (Semi-	8520 8720 8720 8720 874 8080 8080 8080 8080 8080 8080 8080							Remarks:	Time: Relinquished by I Received by I Via: Date Time $ \begin{bmatrix} [9] [0] [9] [0] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] $
ush ter	1767-14-003	Project Manager: Allev, BS &	Sampler: XTN Lunn On Ice: 7 Yes: 0 No # of Conclers:	(including CF): UT = Q C+	Container Preservative HEAL No. Type and # Type & &2006 424		1 -003	1 -004	-006	-		Via: Date	Received by:// Via: IDate Time
Chain-of-Custody Record Client: Stort + Enubormed Mailing Address: 0 - CINTON Solution - CINTON	Phone #: 575-297-0510	email or Fax#: QA/QC Package: Cation Cation Cation	M Accreditation: Az Compliance INELAC Other		Name	OCAL LOCS S Rollon Z 178	06/04 (120 5 WERT	000/01/150 5 South	04/04/1320 3 Non-14			Date Time: Relinguished by:	Date: Time: Relinquished by $ g _{1,0}$ $ g _{0,0}$ M



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

September 08, 2023

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

RE: DEV 19 008

OrderNo.: 2308D09

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 18 sample(s) on 8/24/2023 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

Project:

Lab ID:

Analytical Report Lab Order 2308D09

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

DEV 19 008

2308D09-001

Date Reported: 9/8/2023

Client Sample ID: CS1-Surface Collection Date: 8/21/2023 11:45:00 AM Received Date: 8/24/2023 7:25:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	ND	60	mg/Kg	20	8/29/2023 10:32:51 PM	77178
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: DGH
Diesel Range Organics (DRO)	12	9.2	mg/Kg	1	8/30/2023 1:05:05 AM	77157
Motor Oil Range Organics (MRO)	53	46	mg/Kg	1	8/30/2023 1:05:05 AM	77157
Surr: DNOP	86.6	69-147	%Rec	1	8/30/2023 1:05:05 AM	77157
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: KMN
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	8/31/2023 10:46:00 PM	77152
Surr: BFB	99.3	15-244	%Rec	1	8/31/2023 10:46:00 PM	77152
EPA METHOD 8021B: VOLATILES					Analys	t: KMN
Benzene	0.033	0.024	mg/Kg	1	8/31/2023 10:46:00 PM	77152
Toluene	0.075	0.047	mg/Kg	1	8/31/2023 10:46:00 PM	77152
Ethylbenzene	ND	0.047	mg/Kg	1	8/31/2023 10:46:00 PM	77152
Xylenes, Total	ND	0.094	mg/Kg	1	8/31/2023 10:46:00 PM	77152
Surr: 4-Bromofluorobenzene	90.0	39.1-146	%Rec	1	8/31/2023 10:46:00 PM	77152

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated ValueJ Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2308D09

Date Reported: 9/8/2023

CLIENT:	Safety & Environmental S	Solutions	Cl	ient Sample II	D: CS	51-1'		
Project:	DEV 19 008		(Collection Dat	e: 8/2	21/2023 11:45:00 AM		
Lab ID:	2308D09-002	Matrix: SOIL	Matrix: SOIL Received Date: 8/24/2023 7:25:					
Analyses	5	Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA ME	THOD 300.0: ANIONS					Analys	t: JMT	
Chloride		ND	60	mg/Kg	20	8/29/2023 11:10:05 PM	77178	
EPA ME	THOD 8015M/D: DIESEL F	ANGE ORGANICS				Analys	t: DGH	
Diesel R	ange Organics (DRO)	ND	9.5	mg/Kg	1	8/30/2023 1:16:11 AM	77157	
Motor Oi	I Range Organics (MRO)	ND	47	mg/Kg	1	8/30/2023 1:16:11 AM	77157	
Surr: I	DNOP	85.4	69-147	%Rec	1	8/30/2023 1:16:11 AM	77157	
EPA ME	THOD 8015D: GASOLINE	RANGE				Analys	t: KMN	
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	8/31/2023 11:30:00 PM	77152	
Surr: I	BFB	95.7	15-244	%Rec	1	8/31/2023 11:30:00 PM	77152	
EPA ME	THOD 8021B: VOLATILES	5				Analys	t: KMN	

Surr: BFB	95.7	15-244	%Rec	1	8/31/2023 11:30:00 PM	77152
EPA METHOD 8021B: VOLATILES					Analyst:	KMN
Benzene	ND	0.025	mg/Kg	1	8/31/2023 11:30:00 PM	77152
Toluene	ND	0.049	mg/Kg	1	8/31/2023 11:30:00 PM	77152
Ethylbenzene	ND	0.049	mg/Kg	1	8/31/2023 11:30:00 PM	77152
Xylenes, Total	ND	0.098	mg/Kg	1	8/31/2023 11:30:00 PM	77152
Surr: 4-Bromofluorobenzene	89.5	39.1-146	%Rec	1	8/31/2023 11:30:00 PM	77152

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
- 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

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2308D09

Date Reported: 9/8/2023

8/31/2023 11:51:00 PM 77152

8/31/2023 11:51:00 PM 77152

8/31/2023 11:51:00 PM 77152

CLIENT: Safety & Environmental SolutProject: DEV 19 008Lab ID: 2308D09-003	tions Matrix: SOIL	Col		e: 8/2	51-2' 21/2023 11:45:00 AM 24/2023 7:25:00 AM	
Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analysi	: ЈМТ
Chloride	ND	60	mg/Kg	20	8/29/2023 11:22:30 PM	77178
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst	: DGH
Diesel Range Organics (DRO)	ND	9.1	mg/Kg	1	8/29/2023 3:29:37 PM	77158
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	8/29/2023 3:29:37 PM	77158
Surr: DNOP	75.4	69-147	%Rec	1	8/29/2023 3:29:37 PM	77158
EPA METHOD 8015D: GASOLINE RAN	IGE				Analyst	: KMN
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	8/31/2023 11:51:00 PM	77152
Surr: BFB	95.9	15-244	%Rec	1	8/31/2023 11:51:00 PM	77152
EPA METHOD 8021B: VOLATILES					Analyst	: KMN
Benzene	ND	0.024	mg/Kg	1	8/31/2023 11:51:00 PM	77152
Toluene	ND	0.048	mg/Kg	1	8/31/2023 11:51:00 PM	77152

ND

ND

90.1

0.048

0.096

39.1-146

mg/Kg

mg/Kg

%Rec

1

1

1

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

Qualifiers:

Ethylbenzene

Xylenes, Total

Surr: 4-Bromofluorobenzene

- * 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
- RL Reporting Limit

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Analytical Report Lab Order 2308D09

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 9/8/2023

CLIENT: Safety & Environmental Solution	ons	Cl	ient Sample II	D: CS	2-Surface	
Project: DEV 19 008		(Collection Dat	e: 8/2	21/2023 12:00:00 PM	
Lab ID: 2308D09-004	Matrix: SOIL		Received Dat	e: 8/2	24/2023 7:25:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: ЈМТ
Chloride	ND	60	mg/Kg	20	8/29/2023 11:34:54 PM	77178
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: DGH
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	8/29/2023 4:02:10 PM	77158
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	8/29/2023 4:02:10 PM	77158
Surr: DNOP	74.7	69-147	%Rec	1	8/29/2023 4:02:10 PM	77158
EPA METHOD 8015D: GASOLINE RANG	E				Analyst	: KMN
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	9/1/2023 12:35:00 AM	77152
Surr: BFB	99.4	15-244	%Rec	1	9/1/2023 12:35:00 AM	77152
EPA METHOD 8021B: VOLATILES					Analyst	: KMN
Benzene	ND	0.024	mg/Kg	1	9/1/2023 12:35:00 AM	77152
Toluene	ND	0.047	mg/Kg	1	9/1/2023 12:35:00 AM	77152
Ethylbenzene	ND	0.047	mg/Kg	1	9/1/2023 12:35:00 AM	77152
Xylenes, Total	ND	0.095	mg/Kg	1	9/1/2023 12:35:00 AM	77152
Surr: 4-Bromofluorobenzene	87.2	39.1-146	%Rec	1	9/1/2023 12:35:00 AM	77152

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

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Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2308D09

Date Reported: 9/8/2023

9/1/2023 12:56:00 AM

77152

CLIENT: Safety & Environmental Soluti	ons	Clier	nt Sample II): CS	32-1'	
Project: DEV 19 008		Co	llection Date	e: 8/2	21/2023 12:00:00 PM	
Lab ID: 2308D09-005	Matrix: SOIL	R	eceived Date	e: 8/2	24/2023 7:25:00 AM	
Analyses	Result	RL Q	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: ЈМТ
Chloride	ND	60	mg/Kg	20	8/29/2023 11:47:18 PM	77178
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	: DGH
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	8/29/2023 4:12:59 PM	77158
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	8/29/2023 4:12:59 PM	77158
Surr: DNOP	78.1	69-147	%Rec	1	8/29/2023 4:12:59 PM	77158
EPA METHOD 8015D: GASOLINE RANG	GE				Analyst	KMN
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	9/1/2023 12:56:00 AM	77152
Surr: BFB	97.4	15-244	%Rec	1	9/1/2023 12:56:00 AM	77152
EPA METHOD 8021B: VOLATILES					Analyst	KMN
Benzene	ND	0.024	mg/Kg	1	9/1/2023 12:56:00 AM	77152
Toluene	ND	0.048	mg/Kg	1	9/1/2023 12:56:00 AM	77152
Ethylbenzene	ND	0.048	mg/Kg	1	9/1/2023 12:56:00 AM	77152
Xylenes, Total	ND	0.096	mg/Kg	1	9/1/2023 12:56:00 AM	77152

89.2

39.1-146

%Rec

1

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
- 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

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2308D09

9/1/2023 1:18:00 AM

77152

Date Reported: 9/8/2023

CLIENT: Safety & Environmental Solution	ons	Clie	ent Sample II	D: CS	52-2'	
Project: DEV 19 008		С	ollection Date	e: 8/2	21/2023 12:00:00 PM	
Lab ID: 2308D09-006	Matrix: SOIL]	Received Date	e: 8/2	24/2023 7:25:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	ND	60	mg/Kg	20	8/29/2023 11:59:43 PM	77178
EPA METHOD 8015M/D: DIESEL RANGI	E ORGANICS				Analyst	: DGH
Diesel Range Organics (DRO)	ND	9.2	mg/Kg	1	8/29/2023 4:23:50 PM	77158
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	8/29/2023 4:23:50 PM	77158
Surr: DNOP	76.4	69-147	%Rec	1	8/29/2023 4:23:50 PM	77158
EPA METHOD 8015D: GASOLINE RANG	E				Analyst	: KMN
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/1/2023 1:18:00 AM	77152
Surr: BFB	98.1	15-244	%Rec	1	9/1/2023 1:18:00 AM	77152
EPA METHOD 8021B: VOLATILES					Analyst	: KMN
Benzene	ND	0.025	mg/Kg	1	9/1/2023 1:18:00 AM	77152
Toluene	ND	0.049	mg/Kg	1	9/1/2023 1:18:00 AM	77152
Ethylbenzene	ND	0.049	mg/Kg	1	9/1/2023 1:18:00 AM	77152
Xylenes, Total	ND	0.098	mg/Kg	1	9/1/2023 1:18:00 AM	77152

90.6

39.1-146

%Rec

1

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 ValueJ Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Project: DEV 19 008

Analytical Report Lab Order 2308D09

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Date Reported: 9/8/2023 Client Sample ID: CS3-Surface Collection Date: 8/21/2023 12:15:00 PM

Lab ID:	2308D09-007	Matrix: SOIL		Received Dat	e: 8/2	24/2023 7:25:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METH	HOD 300.0: ANIONS					Analyst	: ЈМТ
Chloride		ND	60	mg/Kg	20	8/30/2023 12:12:08 AM	77178
EPA METH	HOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst	: DGH
Diesel Rar	nge Organics (DRO)	ND	9.4	mg/Kg	1	8/29/2023 4:34:40 PM	77158
Motor Oil F	Range Organics (MRO)	ND	47	mg/Kg	1	8/29/2023 4:34:40 PM	77158
Surr: DN	NOP	82.6	69-147	%Rec	1	8/29/2023 4:34:40 PM	77158
EPA METH	HOD 8015D: GASOLINE R	ANGE				Analyst	KMN
Gasoline F	Range Organics (GRO)	ND	5.0	mg/Kg	1	9/1/2023 1:40:00 AM	77152
Surr: BF	В	97.2	15-244	%Rec	1	9/1/2023 1:40:00 AM	77152
EPA METH	HOD 8021B: VOLATILES					Analyst	KMN
Benzene		ND	0.025	mg/Kg	1	9/1/2023 1:40:00 AM	77152
Toluene		ND	0.050	mg/Kg	1	9/1/2023 1:40:00 AM	77152
Ethylbenze	ene	ND	0.050	mg/Kg	1	9/1/2023 1:40:00 AM	77152
Xylenes, T	otal	ND	0.10	mg/Kg	1	9/1/2023 1:40:00 AM	77152
Surr: 4-I	Bromofluorobenzene	91.3	39.1-146	%Rec	1	9/1/2023 1:40:00 AM	77152

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
- RL Reporting Limit

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Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2308D09

Date Reported: 9/8/2023

9/1/2023 2:02:00 AM

77152

CLIENT: Safety & Environmental Solution	ons	Cli	ent Sample II	D: CS	53-1'	
Project: DEV 19 008		C	Collection Dat	e: 8/2	21/2023 12:15:00 PM	
Lab ID: 2308D09-008	Matrix: SOIL		Received Dat	e: 8/2	24/2023 7:25:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: ЈМТ
Chloride	ND	60	mg/Kg	20	8/30/2023 12:24:32 AM	77178
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	: DGH
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	8/29/2023 4:45:29 PM	77158
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	8/29/2023 4:45:29 PM	77158
Surr: DNOP	72.6	69-147	%Rec	1	8/29/2023 4:45:29 PM	77158
EPA METHOD 8015D: GASOLINE RANG	E				Analyst	: KMN
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/1/2023 2:02:00 AM	77152
Surr: BFB	97.9	15-244	%Rec	1	9/1/2023 2:02:00 AM	77152
EPA METHOD 8021B: VOLATILES					Analyst	: KMN
Benzene	ND	0.025	mg/Kg	1	9/1/2023 2:02:00 AM	77152
Toluene	ND	0.049	mg/Kg	1	9/1/2023 2:02:00 AM	77152
Ethylbenzene	ND	0.049	mg/Kg	1	9/1/2023 2:02:00 AM	77152
Xylenes, Total	ND	0.099	mg/Kg	1	9/1/2023 2:02:00 AM	77152

90.4

39.1-146

%Rec

1

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
- RL Reporting Limit

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Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2308D09

Date Reported: 9/8/2023

9/1/2023 2:23:00 AM

77152

CLIENT:	Safety & Environmental	Solutions	Clie	nt Sample II): CS	3-2'	
Project:	DEV 19 008		Co	llection Date	e: 8/2	21/2023 12:15:00 PM	
Lab ID:	2308D09-009	Matrix: SOIL	R	eceived Date	e: 8/2	24/2023 7:25:00 AM	
Analyses		Result	RL (Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analys	t: JMT
Chloride		170	60	mg/Kg	20	8/30/2023 12:36:56 AM	77178
EPA MET	HOD 8015M/D: DIESEL	RANGE ORGANICS				Analys	t: DGH
Diesel Ra	ange Organics (DRO)	ND	10	mg/Kg	1	8/29/2023 4:56:17 PM	77158
Motor Oil	Range Organics (MRO)	ND	50	mg/Kg	1	8/29/2023 4:56:17 PM	77158
Surr: D	NOP	75.7	69-147	%Rec	1	8/29/2023 4:56:17 PM	77158
EPA MET	HOD 8015D: GASOLINE	RANGE				Analys	t: KMN
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	9/1/2023 2:23:00 AM	77152
Surr: B	FB	96.7	15-244	%Rec	1	9/1/2023 2:23:00 AM	77152
EPA MET	HOD 8021B: VOLATILE	S				Analys	t: KMN
Benzene		ND	0.024	mg/Kg	1	9/1/2023 2:23:00 AM	77152
Toluene		ND	0.049	mg/Kg	1	9/1/2023 2:23:00 AM	77152
Ethylbenz	zene	ND	0.049	mg/Kg	1	9/1/2023 2:23:00 AM	77152
Xylenes,	Total	ND	0.098	mg/Kg	1	9/1/2023 2:23:00 AM	77152

91.7

39.1-146

%Rec

1

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
- 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 2308D09

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Date Reported: 9/8/2023
Client Sample ID: CS4-Surface

Project: DEV 19 008		Co	ollection Dat	e: 8/2	21/2023 12:30:00 PM	
Lab ID: 2308D09-010	Matrix: SOIL	F	Received Date	e: 8/2	24/2023 7:25:00 AM	
Analyses	Result	RL (Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	ND	60	mg/Kg	20	8/30/2023 12:49:21 AM	77178
EPA METHOD 8015M/D: DIESEL R	ANGE ORGANICS				Analys	t: DGH
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	8/30/2023 2:00:07 AM	77167
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	8/30/2023 2:00:07 AM	77167
Surr: DNOP	94.3	69-147	%Rec	1	8/30/2023 2:00:07 AM	77167
EPA METHOD 8015D: GASOLINE R	ANGE				Analys	t: KMN
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	9/1/2023 3:50:00 AM	77164
Surr: BFB	92.0	15-244	%Rec	1	9/1/2023 3:50:00 AM	77164
EPA METHOD 8021B: VOLATILES					Analys	t: KMN
Benzene	ND	0.024	mg/Kg	1	9/1/2023 3:50:00 AM	77164
Toluene	0.091	0.047	mg/Kg	1	9/1/2023 3:50:00 AM	77164
Ethylbenzene	ND	0.047	mg/Kg	1	9/1/2023 3:50:00 AM	77164
Xylenes, Total	ND	0.094	mg/Kg	1	9/1/2023 3:50:00 AM	77164
Surr: 4-Bromofluorobenzene	88.1	39.1-146	%Rec	1	9/1/2023 3:50:00 AM	77164

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
- RL Re

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Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2308D09

Date Reported: 9/8/2023

9/1/2023 4:55:00 AM

77164

CLIENT: Safety & Environmental Solution Project: DEV 19 008	ons		nt Sample II llection Date		54-1' 21/2023 12:30:00 PM	
Lab ID: 2308D09-011	Matrix: SOIL	R	eceived Date	e: 8/2	24/2023 7:25:00 AM	
Analyses	Result	RL Q	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	t: JMT
Chloride	ND	60	mg/Kg	20	8/30/2023 1:01:45 AM	77178
EPA METHOD 8015M/D: DIESEL RANGI	E ORGANICS				Analyst	t: DGH
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	8/30/2023 2:33:07 AM	77167
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	8/30/2023 2:33:07 AM	77167
Surr: DNOP	94.7	69-147	%Rec	1	8/30/2023 2:33:07 AM	77167
EPA METHOD 8015D: GASOLINE RANG	θE				Analyst	t: KMN
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/1/2023 4:55:00 AM	77164
Surr: BFB	99.0	15-244	%Rec	1	9/1/2023 4:55:00 AM	77164
EPA METHOD 8021B: VOLATILES					Analyst	t: KMN
Benzene	ND	0.024	mg/Kg	1	9/1/2023 4:55:00 AM	77164
Toluene	ND	0.049	mg/Kg	1	9/1/2023 4:55:00 AM	77164
Ethylbenzene	ND	0.049	mg/Kg	1	9/1/2023 4:55:00 AM	77164
Xylenes, Total	ND	0.098	mg/Kg	1	9/1/2023 4:55:00 AM	77164

93.9

39.1-146

%Rec

1

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
- 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

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2308D09

Date Reported: 9/8/2023

CLIENT: Safety & Environmental Solution	s	Cli	ient Sample II	D: CS	54-2'	
Project: DEV 19 008		(Collection Dat	e: 8/2	21/2023 12:30:00 PM	
Lab ID: 2308D09-012	Matrix: SOIL		Received Dat	e: 8/2	24/2023 7:25:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	60	60	mg/Kg	20	8/30/2023 10:26:32 AM	77188
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analys	t: DGH
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	8/30/2023 2:44:02 AM	77167
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	8/30/2023 2:44:02 AM	77167
Surr: DNOP	101	69-147	%Rec	1	8/30/2023 2:44:02 AM	77167
EPA METHOD 8015D: GASOLINE RANGE	E				Analys	t: KMN
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	9/1/2023 6:00:00 AM	77164
Surr: BFB	92.1	15-244	%Rec	1	9/1/2023 6:00:00 AM	77164
EPA METHOD 8021B: VOLATILES					Analys	t: KMN
Benzene	ND	0.025	mg/Kg	1	9/1/2023 6:00:00 AM	77164
Toluene	ND	0.050	mg/Kg	1	9/1/2023 6:00:00 AM	77164
Ethylbenzene	ND	0.050	mg/Kg	1	9/1/2023 6:00:00 AM	77164
Xylenes, Total	ND	0.099	mg/Kg	1	9/1/2023 6:00:00 AM	77164
Surr: 4-Bromofluorobenzene	89.5	39.1-146	%Rec	1	9/1/2023 6:00:00 AM	77164

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
- 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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Project: DEV 19 008

Analytical Report Lab Order 2308D09

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Date Reported: 9/8/2023 Client Sample ID: CS5-Surface Collection Date: 8/21/2023 12:45:00 PM

Lab ID: 2308D09-013	Matrix: SOIL	Received Date: 8/24/2023 7:25:00 AM				
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	ND	60	mg/Kg	20	8/30/2023 11:03:46 AM	77188
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst	DGH
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	8/30/2023 2:54:59 AM	77167
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	8/30/2023 2:54:59 AM	77167
Surr: DNOP	96.2	69-147	%Rec	1	8/30/2023 2:54:59 AM	77167
EPA METHOD 8015D: GASOLINE RAN	IGE				Analyst	KMN
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	9/1/2023 6:22:00 AM	77164
Surr: BFB	96.6	15-244	%Rec	1	9/1/2023 6:22:00 AM	77164
EPA METHOD 8021B: VOLATILES					Analyst	KMN
Benzene	ND	0.024	mg/Kg	1	9/1/2023 6:22:00 AM	77164
Toluene	0.060	0.048	mg/Kg	1	9/1/2023 6:22:00 AM	77164
Ethylbenzene	ND	0.048	mg/Kg	1	9/1/2023 6:22:00 AM	77164
Xylenes, Total	ND	0.095	mg/Kg	1	9/1/2023 6:22:00 AM	77164
Surr: 4-Bromofluorobenzene	88.8	39.1-146	%Rec	1	9/1/2023 6:22:00 AM	77164

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

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Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2308D09

Date Reported: 9/8/2023

9/1/2023 6:51:00 PM

77164

CLIENT: Safety & Environmental Solution Project: DEV 19 008	ons		nt Sample II llection Date		55-1' 21/2023 12:45:00 PM	
Lab ID: 2308D09-014	Matrix: SOIL				24/2023 7:25:00 AM	
Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analysi	: JMT
Chloride	ND	60	mg/Kg	20	8/30/2023 11:16:11 AM	77188
EPA METHOD 8015M/D: DIESEL RANGI	E ORGANICS				Analyst	: DGH
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	8/30/2023 3:05:51 AM	77167
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	8/30/2023 3:05:51 AM	77167
Surr: DNOP	95.3	69-147	%Rec	1	8/30/2023 3:05:51 AM	77167
EPA METHOD 8015D: GASOLINE RANG	Ε				Analyst	: KMN
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/1/2023 6:51:00 PM	77164
Surr: BFB	97.3	15-244	%Rec	1	9/1/2023 6:51:00 PM	77164
EPA METHOD 8021B: VOLATILES					Analyst	t: KMN
Benzene	ND	0.024	mg/Kg	1	9/1/2023 6:51:00 PM	77164
Toluene	ND	0.049	mg/Kg	1	9/1/2023 6:51:00 PM	77164
Ethylbenzene	ND	0.049	mg/Kg	1	9/1/2023 6:51:00 PM	77164
Xylenes, Total	ND	0.097	mg/Kg	1	9/1/2023 6:51:00 PM	77164

90.8

39.1-146

%Rec

1

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

Oualifiers:

- * 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
- В Analyte detected in the associated Method Blank Above Quantitation Range/Estimated Value
- Е J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Released to Imaging: 11/6/2023 7:40:33 AM

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2308D09

Date Reported: 9/8/2023

9/1/2023 7:13:00 PM

77164

CLIENT: Safety & Environmental Solutions				Client Sample ID: CS5-2'					
Project:	DEV 19 008		Collection Date: 8/21/2023 12:45:00 PM						
Lab ID:	2308D09-015	Matrix: SOIL	Received Date: 8/24/2023 7:25:00 AM						
Analyses	5	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA ME	THOD 300.0: ANIONS					Analys	t: JMT		
Chloride		ND	60	mg/Kg	20	8/30/2023 12:18:14 PM	77188		
EPA ME	THOD 8015M/D: DIESEL R	ANGE ORGANICS				Analys	t: DGH		
Diesel Range Organics (DRO)		ND	9.8	mg/Kg	1	8/30/2023 3:16:41 AM	77167		
Motor Oil Range Organics (MRO)		ND	49	mg/Kg	1	8/30/2023 3:16:41 AM	77167		
Surr: DNOP		85.4	69-147	%Rec	1	8/30/2023 3:16:41 AM	77167		
EPA ME	THOD 8015D: GASOLINE	RANGE				Analys	t: KMN		
Gasoline Range Organics (GRO)		ND	4.7	mg/Kg	1	9/1/2023 7:13:00 PM	77164		
Surr: I	BFB	97.9	15-244	%Rec	1	9/1/2023 7:13:00 PM	77164		
EPA METHOD 8021B: VOLATILES						Analys	t: KMN		
Benzene	9	ND	0.024	mg/Kg	1	9/1/2023 7:13:00 PM	77164		
Toluene		ND	0.047	mg/Kg	1	9/1/2023 7:13:00 PM	77164		
Ethylbenzene		ND	0.047	mg/Kg	1	9/1/2023 7:13:00 PM	77164		
Xylenes, Total		ND	0.094	mg/Kg	1	9/1/2023 7:13:00 PM	77164		

91.2

39.1-146

%Rec

1

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
- 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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Project: DEV 19 008

Analytical Report Lab Order 2308D09

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Date Reported: 9/8/2023 Client Sample ID: CS6-Surface Collection Date: 8/21/2023 1:00:00 PM

Lab ID: 2308D09-016	Matrix: SOIL	Received Date: 8/24/2023 7:25:00 AM					
Analyses	Result	RL (Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analyst	: ЈМТ	
Chloride	ND	61	mg/Kg	20	8/30/2023 12:30:39 PM	77188	
EPA METHOD 8015M/D: DIESEL RANG	BE ORGANICS				Analyst	DGH	
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	8/30/2023 3:27:28 AM	77167	
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	8/30/2023 3:27:28 AM	77167	
Surr: DNOP	97.0	69-147	%Rec	1	8/30/2023 3:27:28 AM	77167	
EPA METHOD 8015D: GASOLINE RAN	GE				Analyst	KMN	
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	9/1/2023 7:35:00 PM	77164	
Surr: BFB	97.2	15-244	%Rec	1	9/1/2023 7:35:00 PM	77164	
EPA METHOD 8021B: VOLATILES					Analyst	KMN	
Benzene	0.035	0.024	mg/Kg	1	9/1/2023 7:35:00 PM	77164	
Toluene	0.083	0.048	mg/Kg	1	9/1/2023 7:35:00 PM	77164	
Ethylbenzene	ND	0.048	mg/Kg	1	9/1/2023 7:35:00 PM	77164	
Xylenes, Total	ND	0.097	mg/Kg	1	9/1/2023 7:35:00 PM	77164	
Surr: 4-Bromofluorobenzene	90.6	39.1-146	%Rec	1	9/1/2023 7:35:00 PM	77164	

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
- RL Reporting Limit

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Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2308D09

Date Reported: 9/8/2023

CLIENT: Safety & Environmental Solut	ions	Clier	nt Sample II	D: CS	6-1'	
Project: DEV 19 008		Со	llection Dat	e: 8/2	21/2023 1:00:00 PM	
Lab ID: 2308D09-017	Matrix: SOIL	R	24/2023 7:25:00 AM			
Analyses	Result	RL Q	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	ND	60	mg/Kg	20	8/30/2023 12:43:04 PM	77188
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst	DGH
Diesel Range Organics (DRO)	ND	9.1	mg/Kg	1	8/31/2023 3:12:39 PM	77167
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	8/31/2023 3:12:39 PM	77167
Surr: DNOP	113	69-147	%Rec	1	8/31/2023 3:12:39 PM	77167
EPA METHOD 8015D: GASOLINE RAN	IGE				Analyst	KMN
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/1/2023 7:57:00 PM	77164
Surr: BFB	96.7	15-244	%Rec	1	9/1/2023 7:57:00 PM	77164
EPA METHOD 8021B: VOLATILES					Analyst	KMN
Benzene	ND	0.025	mg/Kg	1	9/1/2023 7:57:00 PM	77164
Toluene	ND	0.049	mg/Kg	1	9/1/2023 7:57:00 PM	77164
Ethylbenzene	ND	0.049	mg/Kg	1	9/1/2023 7:57:00 PM	77164

ND

91.2

0.098

39.1-146

mg/Kg

%Rec

1

1

9/1/2023 7:57:00 PM

9/1/2023 7:57:00 PM

77164

77164

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

Qualifiers:

Xylenes, Total

Surr: 4-Bromofluorobenzene

- * 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
- 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

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2308D09

Date Reported: 9/8/2023

•					1	-						
CLIENT: Safety & Environmental Soluti	ons	Clier	nt Sample II	D: CS	6-2'							
Project: DEV 19 008		Collection Date: 8/21/2023 1:00:00 PM										
Lab ID: 2308D09-018	Matrix: SOIL	OIL Received Date: 8/24/2023 7:25:00 AM										
Analyses	Result	RL Q	Qual Units	DF	Date Analyzed	Batch						
EPA METHOD 300.0: ANIONS					Analys	: JMT						
Chloride	ND	60	mg/Kg	20	8/30/2023 12:55:28 PM	77188						
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analys	: DGH						
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	8/31/2023 3:38:20 PM	77167						
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	8/31/2023 3:38:20 PM	77167						
Surr: DNOP	116	69-147	%Rec	1	8/31/2023 3:38:20 PM	77167						
EPA METHOD 8015D: GASOLINE RAN	GE				Analys	: KMN						
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	9/1/2023 8:41:00 PM	77164						
0 070												

Gasoline Range Organics (GRO)	ND	4.0	mg/ng		9/1/2023 0.41.00 FIVI	11104
Surr: BFB	96.6	15-244	%Rec	1	9/1/2023 8:41:00 PM	77164
EPA METHOD 8021B: VOLATILES					Analys	t: KMN
Benzene	ND	0.023	mg/Kg	1	9/1/2023 8:41:00 PM	77164
Toluene	ND	0.046	mg/Kg	1	9/1/2023 8:41:00 PM	77164
Ethylbenzene	ND	0.046	mg/Kg	1	9/1/2023 8:41:00 PM	77164
Xylenes, Total	ND	0.093	mg/Kg	1	9/1/2023 8:41:00 PM	77164
Surr: 4-Bromofluorobenzene	89.9	39.1-146	%Rec	1	9/1/2023 8:41:00 PM	77164

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
- RL Reporting Limit

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Client:	Safety &	e Environmental Solutions		
Project:	DEV 19	008		
Sample ID:	MB-77178	SampType: mblk	TestCode: EPA Method 300.0: Anions	
Client ID:	PBS	Batch ID: 77178	RunNo: 99333	
Prep Date:	8/29/2023	Analysis Date: 8/29/2023	SeqNo: 3624331 Units: mg/Kg	
Analyte		Result PQL SPK valu	e SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qua	al
Chloride		ND 1.5		
Sample ID:	LCS-77178	SampType: Ics	TestCode: EPA Method 300.0: Anions	
Client ID:	LCSS	Batch ID: 77178	RunNo: 99333	
Prep Date:	8/29/2023	Analysis Date: 8/29/2023	SeqNo: 3624333 Units: mg/Kg	
Analyte		Result PQL SPK valu	e SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qua	al
Chloride		15 1.5 15.0	0 0 96.8 90 110	
Sample ID:	MB-77188	SampType: MBLK	TestCode: EPA Method 300.0: Anions	
Client ID:	PBS	Batch ID: 77188	RunNo: 99351	
Prep Date:	8/30/2023	Analysis Date: 8/30/2023	SeqNo: 3626391 Units: mg/Kg	
Analyte		Result PQL SPK valu	e SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qua	al
Chloride		ND 1.5		
Sample ID:	LCS-77188	SampType: LCS	TestCode: EPA Method 300.0: Anions	
Client ID:	LCSS	Batch ID: 77188	RunNo: 99351	
Prep Date:	8/30/2023	Analysis Date: 8/30/2023	SeqNo: 3626392 Units: mg/Kg	
Analyte		Result PQL SPK valu	e SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qua	al
Chloride		14 1.5 15.0	0 0 96.5 90 110	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical 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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2308D09

08-Sep-23

WO#:

Client: Project:	Safety & E DEV 19 0		ental So	olutions							
	2308D09-003AMS		ype: MS	6	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID:	CS1-2'	Batch	n ID: 77	158	F	RunNo: 9 9	9274		-	-	
Prep Date:	8/29/2023	Analysis D	ate: 8/	29/2023	S	SeqNo: 36	623842	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Organics (DRO)	48	9.9	49.26	0	97.0	54.2	135			
Surr: DNOP		4.0		4.926		81.0	69	147			
Sample ID:	2308D09-003AMSD	SampT	ype: MS	SD	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID:	CS1-2'	Batch	n ID: 77 ′	158	F	RunNo: 9 9	9274				
Prep Date:	8/29/2023	Analysis D	ate: 8/	29/2023	S	SeqNo: 36	623843	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Organics (DRO)	47	9.8	48.92	0	95.4	54.2	135	2.29	29.2	
Surr: DNOP		4.0		4.892		81.1	69	147	0	0	
Sample ID:	2308D09-010AMS	SampT	уре: МS	6	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID:	CS4-Surface	Batch	n ID: 77	167	F	RunNo: 9 9	9274				
Prep Date:	8/29/2023	Analysis D	ate: 8/	30/2023	S	SeqNo: 36	623851	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Organics (DRO)	45	9.5	47.71	0	94.6	54.2	135			
Surr: DNOP		3.8		4.771		78.9	69	147			
Sample ID:	2308D09-010AMSD	SampT	ype: MS	SD	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID:	CS4-Surface	Batch	n ID: 77	167	F	RunNo: 9 9	9274				
Prep Date:	8/29/2023	Analysis D	ate: 8/	30/2023	S	SeqNo: 36	623852	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Organics (DRO)	48	9.9	49.26	0	97.2	54.2	135	5.84	29.2	
Surr: DNOP											
• · ·-		4.0		4.926		80.3	69	147	0	0	
Sample ID:	LCS-77158		ype: LC		Tes		69		0	0	
-	LCS-77158 LCSS	SampT	ype: LC 1D: 77	S			69 PA Method	147	0	0	
-	LCSS	SampT	n ID: 77	S 158	F	tCode: EF	69 PA Method 9274	147	0 sel Range	0	
Client ID:	LCSS	SampT Batch	n ID: 77	S 158 29/2023	F	tCode: EF RunNo: 99	69 PA Method 9274	147 8015M/D: Die	0 sel Range	0	Qual
Client ID: Prep Date: Analyte Diesel Range C	LCSS 8/29/2023	SampT Batch Analysis D Result 46	a ID: 77 ate: 8/	S 158 29/2023 SPK value 50.00	F	tCode: EF RunNo: 99 SeqNo: 36 %REC 91.5	69 PA Method 0274 623886 LowLimit 61.9	147 8015M/D: Die Units: mg/K HighLimit 130	0 sel Range	0 Organics	Qual
Client ID: Prep Date: Analyte	LCSS 8/29/2023	SampT Batch Analysis D Result	n ID: 77 Pate: 8/ PQL	S 158 29/2023 SPK value	F S SPK Ref Val	tCode: EF RunNo: 99 SeqNo: 36 %REC	69 PA Method 9274 623886 LowLimit	147 8015M/D: Die Units: mg/K HighLimit	0 sel Range	0 Organics	Qual
Client ID: Prep Date: Analyte Diesel Range C	LCSS 8/29/2023 Organics (DRO)	SampT Batch Analysis D Result 46 3.9	n ID: 77 Pate: 8/ PQL	S 158 29/2023 SPK value 50.00 5.000	F S SPK Ref Val 0	tCode: EF RunNo: 99 SeqNo: 36 %REC 91.5 78.6	69 PA Method 0274 623886 LowLimit 61.9 69	147 8015M/D: Die Units: mg/K HighLimit 130	0 sel Range g %RPD	0 Organics RPDLimit	Qual
Client ID: Prep Date: Analyte Diesel Range C Surr: DNOP Sample ID:	LCSS 8/29/2023 Organics (DRO)	SampT Batch Analysis D Result 46 3.9 SampT	D: 77 Pate: 8/ PQL 10	S 158 29/2023 SPK value 50.00 5.000	F SPK Ref Val 0 Tes	tCode: EF RunNo: 99 SeqNo: 36 %REC 91.5 78.6	69 PA Method 0274 623886 LowLimit 61.9 69 PA Method	147 8015M/D: Die Units: mg/K HighLimit 130 147	0 sel Range g %RPD	0 Organics RPDLimit	Qual
Client ID: Prep Date: Analyte Diesel Range C Surr: DNOP Sample ID:	LCSS 8/29/2023 Drganics (DRO) LCS-77167	SampT Batch Analysis D Result 46 3.9 SampT	PQL 10 79 10 79 79 10 79 70 10 77	S 158 29/2023 SPK value 50.00 5.000 S 167	F SPK Ref Val 0 Tes F	tCode: EF RunNo: 99 SeqNo: 36 %REC 91.5 78.6 tCode: EF	69 PA Method 0274 623886 LowLimit 61.9 69 PA Method 0274	147 8015M/D: Die Units: mg/K HighLimit 130 147	0 sel Range %RPD sel Range	0 Organics RPDLimit	Qual

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

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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WO#: 2308D09 08-Sep-23

Client: Safety &	Environmental Solutions	
Project: DEV 19	008	
Sample ID: LCS-77167	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 77167	RunNo: 99274
Prep Date: 8/29/2023	Analysis Date: 8/30/2023	SeqNo: 3623887 Units: mg/Kg
Analyte	Result PQL SPK value SPK Re	ef Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	48 10 50.00	0 96.6 61.9 130
Surr: DNOP	4.0 5.000	79.2 69 147
Sample ID: MB-77157	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 77157	RunNo: 99274
Prep Date: 8/29/2023	Analysis Date: 8/29/2023	SeqNo: 3623888 Units: mg/Kg
Analyte	Result PQL SPK value SPK Re	ef Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	ND 10	
Motor Oil Range Organics (MRO)	ND 50	404 00 447
Surr: DNOP	10 10.00	104 69 147
Sample ID: MB-77158	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 77158	RunNo: 99274
Prep Date: 8/29/2023	Analysis Date: 8/29/2023	SeqNo: 3623889 Units: mg/Kg
Analyte	Result PQL SPK value SPK Re	ef Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	ND 10	
Motor Oil Range Organics (MRO)	ND 50	
Surr: DNOP	7.7 10.00	76.6 69 147
Sample ID: MB-77167	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 77167	RunNo: 99274
Prep Date: 8/29/2023	Analysis Date: 8/30/2023	SeqNo: 3623890 Units: mg/Kg
Analyte	Result PQL SPK value SPK Re	ef Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	ND 10	
Motor Oil Range Organics (MRO)	ND 50	
Surr: DNOP	10 10.00	101 69 147
Sample ID: LCS-77157	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 77157	RunNo: 99363
Prep Date: 8/29/2023	Analysis Date: 8/31/2023	SeqNo: 3625852 Units: mg/Kg
Analyte	Result PQL SPK value SPK Re	ef Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	54 10 50.00	0 109 61.9 130
Surr: DNOP	5.1 5.000	101 69 147

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

2308D09

08-Sep-23

WO#:

Client: Project:	Safety & H DEV 19 0		ental So	olutions							
Sample ID: Ics-77	7152	Samp	ype: LC	s	Tes	tCode: E	PA Method	8015D: Gaso	line Range		
Client ID: LCSS	5	Batcl	h ID: 771	152		RunNo: 9					
Prep Date: 8/28	/2023	Analysis [Date: 8/ 3	31/2023	S	SeqNo: 3	626269	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	- %RPD	RPDLimit	Qual
Gasoline Range Organ Surr: BFB	nics (GRO)	22 2100	5.0	25.00 1000	0	88.3 206	70 15	130 244			
Sample ID: mb-7	7152	SampT	Гуре: МЕ	BLK	Tes	tCode: E	PA Method	8015D: Gaso	line Range		
Client ID: PBS		Batcl	h ID: 771	152	F	RunNo: 9	9356				
Prep Date: 8/28	/2023	Analysis E	Date: 8/ 3	31/2023	S	SeqNo: 3	626270	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organ Surr: BFB	iics (GRO)	ND 980	5.0	1000		98.2	15	244			
Sample ID: Ics-77	7164	SampT	Гуре: LC	S	Tes	tCode: E	PA Method	8015D: Gaso	line Range		
Client ID: LCSS	6	Batcl	h ID: 771	164	F	RunNo: 9	9374				
Prep Date: 8/29	/2023	Analysis E	Date: 9/ *	1/2023	S	SeqNo: 3	628001	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organ	nics (GRO)	21	5.0	25.00	0	84.8	70	130			
Surr: BFB		2000		1000		198	15	244			
Sample ID: mb-77	7164	SampT	Гуре: МЕ	BLK	Tes	tCode: E	PA Method	8015D: Gaso	line Range		
Client ID: PBS		Batcl	h ID: 771	164	F	RunNo: 9	9374				
Prep Date: 8/29	/2023	Analysis E	Date: 9/ *	1/2023	S	SeqNo: 3	628002	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organ Surr: BFB	nics (GRO)	ND 990	5.0	1000		98.6	15	244			
Sample ID: 2308	D09-010ams	Samp	Гуре: МЗ	;	Tes	tCode: E	PA Method	8015D: Gaso	line Range		
Client ID: CS4-S	Surface	Batcl	h ID: 771	164	F	RunNo: 9	9374				
Prep Date: 8/29	/2023	Analysis E	Date: 9/ *	1/2023	S	SeqNo: 3	628004	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organ Surr: BFB	nics (GRO)	21 1900	4.7	23.61 944.3	0	87.7 200	70 15	130 244			
Sample ID: 2308	009-010amsd	Samo	Гуре: МS	D	Tes	tCode: F	PA Method	8015D: Gaso	line Range		
	Surface		h ID: 771			RunNo: 9					
	/2023	Analysis [-		SeqNo: 3		Units: mg/K	g		
Analyte		Result	PQL		SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
				2							

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

Reporting Limit RL

2308D09

08-Sep-23

WO#:

Sample pH Not In Range

Client: Project:	Safety & I DEV 19 0		ental So	olutions							
Sample ID:	2308D09-010amsd	SampT	уре: МS	D	Tes	tCode: EF	A Method	8015D: Gaso	line Range	•	
Client ID:	CS4-Surface	Batch	n ID: 771	64	F	RunNo: 99	374				
Prep Date:	8/29/2023	Analysis D	Date: 9/ *	1/2023	S	SeqNo: 36	28005	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	20	4.7	23.56	0	85.0	70	130	3.25	20	
Surr: BFB		1900		942.5		203	15	244	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
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- 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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2308D09

08-Sep-23

WO#:

Client: Project:	Safety & DEV 19	Environm 008	iental So	olutions							
Sample ID:	lcs-77152	Samp	Туре: LC	s	Tes	tCode: EF	A Method	8021B: Volati	iles		
Client ID:	LCSS	Batc	h ID: 771	152	F	RunNo: 9 9	356				
Prep Date:	8/28/2023	Analysis [Date: 8/ 3	31/2023	\$	SeqNo: 36	526271	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.93	0.025	1.000	0	92.5	70	130			
Toluene		0.92	0.050	1.000	0	92.1	70	130			
Ethylbenzene		0.94	0.050	1.000	0	94.0	70	130			
Xylenes, Total		2.8	0.10	3.000	0	94.1	70	130			
Surr: 4-Brom	ofluorobenzene	0.93		1.000		92.6	39.1	146			
Sample ID:	mb-77152	Samp	Туре: МЕ	BLK	Tes	tCode: EF	A Method	8021B: Volati	iles		
Client ID:	PBS	Batc	h ID: 77 1	152	F	RunNo: 9 9	356				
Prep Date:	8/28/2023	Analysis [Date: 8/ 3	31/2023	S	SeqNo: 36	26272	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-Brom	ofluorobenzene	0.91		1.000		90.7	39.1	146			
Sample ID:	lcs-77164	Samp	Type: LC	S	Tes	tCode: EF	'A Method	8021B: Volati	iles		
Client ID:	LCSS	Batc	h ID: 77 1	164	F	RunNo: 9 9)374				
Prep Date:	8/29/2023	Analysis [Date: 9/ *	1/2023	\$	SeqNo: 36	28033	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.91	0.025	1.000	0	90.7	70	130			
Toluene		0.90	0.050	1.000	0	90.3	70	130			
Ethylbenzene		0.92	0.050	1.000	0	92.2	70	130			
Xylenes, Total		2.8	0.10	3.000	0	92.2	70	130			
Surr: 4-Brom	ofluorobenzene	0.94		1.000		94.3	39.1	146			
Sample ID:	mb-77164	Samp	Туре: МЕ	BLK	Tes	tCode: EF	'A Method	8021B: Volati	iles		
Client ID:	PBS	Batc	h ID: 77 1	164	F	RunNo: 9 9)374				
Prep Date:	8/29/2023	Analysis [Date: 9/ *	1/2023	\$	SeqNo: 36	28034	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-Brom		0.90		1.000		90.5	39.1	146			

Qualifiers:

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- H Holding times for preparation or analysis exceeded
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- S % Recovery outside of standard limits. If undiluted results may be estimated.
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- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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2308D09

08-Sep-23

WO#:

Released to Imaging: 11/6/2023 7:40:33 AM

Client: Project:	Safety & I DEV 19 0		ental So	olutions							
Sample ID:	2308D09-011ams	Samp ⁻	Гуре: МЅ	;	Tes	tCode: EF	PA Method	8021B: Volati	iles		
Client ID:	CS4-1'	Batc	h ID: 771	164	F	RunNo: 9 9	9374				
Prep Date:	8/29/2023	Analysis [Date: 9/ *	1/2023	S	SeqNo: 36	628037	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.88	0.024	0.9756	0	90.3	70	130			
Toluene		0.89	0.049	0.9756	0	91.6	70	130			
Ethylbenzene		0.91	0.049	0.9756	0	92.8	70	130			
Kylenes, Total		2.7	0.098	2.927	0	92.7	70	130			
Surr: 4-Bromo	ofluorobenzene	0.90		0.9756		92.4	39.1	146			
Sample ID:	2308D09-011amsd	Samp ⁻	Гуре: МЅ	D	Tes	tCode: EF	PA Method	8021B: Volati	iles		
Client ID:	CS4-1'	Batc	h ID: 771	164	F	RunNo: 9 9	9374				
Prep Date:	8/29/2023	Analysis [Date: 9/ *	1/2023	Ş	SeqNo: 36	628038	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.85	0.024	0.9737	0	87.3	70	130	3.50	20	
Toluene		0.85	0.049	0.9737	0	87.3	70	130	5.00	20	
Ethylbenzene		0.87	0.049	0.9737	0	89.0	70	130	4.41	20	
Xylenes, Total		2.6	0.097	2.921	0	89.1	70	130	4.21	20	
	ofluorobenzene	0.88		0.9737		90.4	39.1	146	0	0	

- * 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
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- 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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08-Sep-23

2308D09

WO#:

Released to Imaging: 11/6/2023 7:40:33 AM

HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmental Albi TEL: 505-345-3975 Website: www.ha	nple Log-In Che	eck List		
Client Name: Safety & Environmer Solutions	ntal Work Order Number:	2308D09		RcptNo: 1	
Received By: Tracy Casarrubias	8/24/2023 7:25:00 AM				
Completed By: Tracy Casarrubias	8/24/2023 9:26:49 AM				
Reviewed By: 9-24-23		·			
Chain of Custody					
1. Is Chain of Custody complete?		Yes 🔽	No 🗌	Not Present	
2. How was the sample delivered?		Courier			
Log In 3. Was an attempt made to cool the sa	amples?	Yes 🔽	No 🗌		
4. Were all samples received at a temp	perature of >0° C to 6.0°C	Yes 🔽	No 🗌	NA 🗔	
5. Sample(s) in proper container(s)?		Yes 🗹	No 🗌		
6. Sufficient sample volume for indicate	ed test(s)?	Yes 🔽	No 🗌		
7. Are samples (except VOA and ONG)) properly preserved?	Yes 🔽	No 🗌		
8. Was preservative added to bottles?		Yes	No 🗹	NA 🗌	
9. Received at least 1 vial with headspa	ace <1/4" for AQ VOA?	Yes 🗌	No 🗌	NA 🔽	
10, Were any sample containers receive	ed broken?	Yes	No 🔽	# of preserved	
11. Does paperwork match bottle labels? (Note discrepancies on chain of cust		Yes 🗹	No 🗌	bottles checked for pH:	unless noted)
12. Are matrices correctly identified on C	Chain of Custody?	Yes 🔽	No 🗌	Adjusted?	
13. Is it clear what analyses were reques	sted?	Yes 🗹	No 🗌	150	M 8/24/23
14. Were all holding times able to be me (If no, notify customer for authorization		Yes 🔽	No 🗌	Checked by:	1.1 0/01/0-
Special Handling (if applicable)	2				
15. Was client notified of all discrepanci	ies with this order?	Yes	No 🗌	NA 🗹	
Person Notified:	Date:				
By Whom:	Via:	eMail 🔄 Pho	one 📋 Fax	In Person	
Regarding:					
Client Instructions:					
16. Additional remarks:					
17. <u>Cooler Information</u> Cooler No Temp °C Conditi 1 4.8 Good	ion Seal Intact Seal No S Yes Yogi	eal Date S	igned By		

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Page AI of 12 S ANALYSIS LABORATORY HALL ENVIRONMENTAL Released 10 mmaging 19.6/2023 4.9, 101 5 vironmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report. 4901 Hawkins NE - Albuquerque, NM 87109 Fax 505-345-4107 Deven Direct! www.hallenvironmental.com Analysis Request (fresent/Absent) Total Coliform (Present) (AOV-im92) 0728 (AOV) 0328 Х χ χ X X (J)E' X Å χ Х NO3" NO5" PO4 204 χ Br, Х Tel. 505-345-3975 RCRA 8 Metals PAHs by 8310 or 8270SIMS 13:11 (1.40č bodteM) 803 8081 Pesticides/8082 PCB's Remarks: X X X X Х Х Х <u>X</u> X Х Ň χ Х X PH:8015D(GRO / DRO / MRO) χ Х χ Х λ X X **MTBE /** (1208) s'8MT / X3T8 ် ပိ Sit B Time Time MOGI 51 (Dau 15 HEAL No. 2308009 nAB-103303404 (BPP-4009) ECTIMAN 8 Cooler Temp(Including CF): 4,9 - 0 + 4.5 8/12/23 Date Date 900 002 °N D F00 200 600 210 603 POO Project Name: DEV-19-008 200 010 100 10 Z Rush Preservative Via: Four Sampler: Hayden Able Bob Allen TUE The The The M.M.M.M.M.M. 766 The TIE The The The The Yes Type Via: Turn-Around Time: Project Manager # of Coolers: 1 X Standard 4002 Jost 1 4002 Serl Your Jorl YOR Terl Type and # Your Jor 40a Jarl Hoz Scrl Received by: Hor Jerl YOUZ SCI K 4Car Terl Received by: Abe Jer Container Project #: On Ice: Hor 2006 Colution5 Level 4 (Full Validation) Chain-of-Custody Record - Surbie 253- Surface C58-5Wace orthur 9 Sample Name email or Fax#: Dallen & Sesi - nm - com C52-3 C53-21 053-21 2-850 C53-1 Mailing Address: 703 E. Climbol 052-2 2-4-50 C54-8 Client: Safet & Fristonnestal laydan Alble C54-Phone #: 575-397-0510 Az Compliance 052 4205 1.M. 88740 Relinquished by: Relinquished by: □ Other Matrix S S Ś S 5 N \mathcal{N} 5 S 5 S 52.0 22 1900 12:00 8/21/23 12:30 12/23 12:30 3/2/23 11:45 02:21 22/2 QA/QC Package: 8/21/23 11:45 3/21/23 11:45 00:21 22/12/ 51:21 22/12/2 51:21 22/12/ 00:21 22/2 51:21 52/12/ EDD (Type) Date Time Time: Accreditation: Time: Standard D NELAC 12/23 121/23

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Received by OCD: 11/3/2023 10:28:32 AM		Page 120 gr 1 fs 5
Chain-of-Custody Record	Turn-Around Time:	
Client: Soldy & Environmental Solutions		ANALYSIS LABORATORY
	Project Name: DEV-19-008	
Mailing Address: 703 E Chinton		4901 Hawkins NE - Albuquerque, NM 87109
10005 1/19. 88240	Project #:	
Phone #: 675-397-0510	nHB163363401/2RP-4009)	Analysis
email or Fax#: ballen DSesi-nm. com	Project Manager:	*C
QA/QC Package: X Standard Level 4 (Full Validation)	TSOD Allen	
	Sampler:	О ^{3,} I 3520 (1) (1)
D NELAC D Other	On Ice: 📈 Yes 🗆 No Vi06;	(AC) / O5 98/s9 001 (5 8 9 10 10 10 10 10 10 10 10 10 10 10 10 10
EDD (Type)		-VC 103 110 110 110 110
	Cooler Temp(Including cF): 4,8 - 8 - 4,8 (°C)	15D etho y 83 hr, 1 OA) OA)
Date Time Matrix Sample Name	Container Preservative HEAL No.	08:19 081 Pd 260 (M 260 (V 250 (V
12:45 5	INE OI	Т X 8 8 8 8 8 8 8 8 8
23 12:45 5 055-1	1 ILE	
54:21	YOR SON ILE DIS	XX
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Released to maging: Flob 2023 of all Flob 2023 of all may be subcontracted to attack direction laboratories. This source of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

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District RP	2RP-4009
Facility ID	
Application ID	

Site Assessment/Characterization

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

	UNKNOW
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 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.

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Form C-141			Incident ID	nAB1633633401
Page 4	Oil Conservation Division	1	District RP	2RP-4009
			Facility ID	
			Application ID	
regulations all o public health or failed to adequa addition, OCD a and/or regulation Printed Name: Signature: <u>Z</u> email: Dale		otifications and perform co e OCD does not relieve the hreat to groundwater, surfa	prrective actions for release operator of liability sho ace water, human health liance with any other feo ofessional	ases which may endanger uld their operations have or the environment. In
OCD Only Received by: _		Date:		

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Oil Conservation Division

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

Incident ID	nAB1633633401
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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 conj	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: Dale Woodall	EHS Professional			
Signature: Dals Woodall	Date: <u>11/3/2023</u>			
_{email:} Dale.Woodall@dvn.com	Telephone: 575-748-1838			
OCD Only				
Received by:	Date:			
Approved Approved with Attached Conditions of A	Approval Denied Deferral Approved			
Signature:	Date:			

Oil Conservation Division

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.

<u>Closure Report Attachment Checklist</u> : 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 must be notified 2 days prior to liner inspection)	s of the liner integrity if applicable (Note: appropriate OCD District office		
Laboratory analyses of final sampling (Note: appropriate OD	C District office must be notified 2 days prior to final sampling)		
Description of remediation activities			
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 regu- restore, reclaim, and re-vegetate the impacted surface area to the c accordance with 19.15.29.13 NMAC including notification to the Printed Name: Dale Woodall	lations. The responsible party acknowledges they must substantially conditions that existed prior to the release or their final land use in		
OCD Only			
Received by:	Date:		
	y of liability should their operations have failed to adequately investigate and e water, human health, or the environment nor does not relieve the responsible d/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	282487
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	11/6/2023

Action 282487