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

Oil Conservation Division

	rage 1 0/ 12
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 State of New MexicoPage 4Oil Conservation Division			Page 2 of 125			
			Incident ID	nAB1633633401		
			District RP	2RP-4009		
			Facility ID			
			Application ID			
Printed Name: Signature:	at the information given above is true and complete to the erators are required to report and/or file certain release not: ne environment. The acceptance of a C-141 report by the C ly investigate and remediate contamination that pose a thr ceptance of a C-141 report does not relieve the operator of s. Dale Woodall Pale Woodall Woodall@dvn.com	best of my knowledge a ifications and perform co OCD does not relieve the reat to groundwater, surfa f responsibility for compl 	rrective actions for relea operator of liability sho ce water, human health iance with any other feo fessional 748-1838	ases which may endanger ould their operations have or the environment. In deral, state, or local laws		
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

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Incident ID	nAB1633633401
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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(C)(4) NMAC Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required) 						
Deferral Requests Only: Each of the following items must be con	firmed as part of any request for deferral of remediation					
Contamination must be in areas immediately under or around prodeconstruction.	oduction 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 complet rules and regulations all operators are required to report and/or file co- which may endanger public health or the environment. The acceptant liability should their operations have failed to adequately investigated surface water, human health or the environment. In addition, OCD a responsibility for compliance with any other federal, state, or local la Printed Name: Dale Woodall Signature: Dale Woodall	e to the best of my knowledge and understand that pursuant to OCD ertain release notifications and perform corrective actions for releases nee of a C-141 report by the OCD does not relieve the operator of and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of aws and/or regulations. 					
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 Approval Denied Deferral Approved						
Signature:	Date:					

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 of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)						
Laboratory analyses of final sampling (Note: appropriate OD	C District office must be notified 2 days prior to final sampling)					
Description of remediation activities						
I hereby certify that the information given above is true and complet and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and re- human health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the co- accordance with 19.15.29.13 NMAC including notification to the Co- Printed Name:	ete to the best of my knowledge and understand that pursuant to OCD rules in release notifications and perform corrective actions for releases which f a C-141 report by the OCD does not relieve the operator of liability mediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in DCD when reclamation and re-vegetation are complete. 					
Signature: <u>Dale Woodall</u>	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>					
Closure approval by the OCD does not relieve the responsible party remediate contamination that poses a threat to groundwater, surface party of compliance with any other federal, state, or local laws and	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible /or regulations.					
Closure Approved by: <u>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				
54 5 4 400 5 4	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				
> Too reet	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)	
				(iiig/kg)	(iliy/ky)				
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	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	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	Benzene	Toluene	Ethyl	Total	GRO	DRO	MRO	
	(mg/kg)	(mg/kg)	(mg/kg)	Benzene (ma/ka)	Xylenes (ma/ka)	(mg/kg)	(mg/kg)	(mg/kg)	
				(9/9/	(
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)	(mg/kg)	(mg/kg)								
				(mg/kg)	(mg/kg)								
Bottom 1 ft	100	ND	ND	ND	ND	ND	ND	ND					
Bottom 2 1ft	ND	ND	ND	ND	ND	ND	ND	ND					
West	150	ND	ND	ND	ND	ND	ND	ND					
South	150	ND	ND	ND	ND	ND	ND	ND					
North	210 ND ND ND ND ND ND ND ND												
East	210	210 ND ND ND ND ND ND 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							
Soil San	nple Results	: Hall Enviro	nmental An	alysis Laboı	ratory, Inc.(2	2RP-4009) 0	8/21/2023					
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)				
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

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	Ì	Injection, Cancelled	•	Oil, Plugged	٠
7	undefined	\diamond	Gas, Active	ø	Injection, New	٠	Oil, Temporarily Abandoned	- 6
	Miscellaneous	\Leftrightarrow	Gas, Cancelled	ø	Injection, Plugged	۵	Salt Water Injection, Active	٠
⋇	CO2, Active	\$	Gas, New	ø	Injection, Temporarily Abandoned	$\hat{\alpha}$	Salt Water Injection, Cancelled	
*	CO2, Cancelled	¢	Gas, Plugged	•	Oil, Active	۵	Salt Water Injection, New	
¥	CO2, New	\$	Gas, Temporarily Abandoned		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

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)	(R=POD replaced, O=orphan C=the file closed)	has been ned, e is	(qu (qu	iarte	ers a	re 1 re s	I=NV	V 2=N est to 1	E 3=SW argest)	4=SE) (NAD8	3 UTM in meters) (In	feet)	•
		POD		_	_	_								
POD Number	Codo	Sub-	County	Q	Q 16	Q A	See	Two	Dng	v	V	DonthWallDonth	N Watan Ca	Vater
<u>C 01777</u>	Coue	C	ED	04	10	4	08	26S	31E	A 613245	3547409*	325	300	25
<u>C 02090</u>		С	ED		4	4	01	26S	31E	620329	3548533* 🥘	350	335	15
<u>C 02248</u>		CUB	ED	1	2	3	08	26S	31E	612942	3547316* 🌍	300	292	8
<u>C 02249</u>		CUB	ED	1	2	3	08	26S	31E	612942	3547316*	300	292	8
<u>C 03554 POD1</u>		CUB	ED	2	1	4	01	26S	31E	620547	3549148	630	300	330
<u>C 03639 POD1</u>		CUB	ED	3	4	2	01	26S	31E	620168	3549279	700	365	335
<u>C 04256 POD1</u>		С	ED	4	4	2	01	26S	31E	620384	3549257	666	340	326
											Average Depth to	Water:	317 fee	et
											Minimur	n Depth:	292 fee	et
											Maximur	n Depth:	365 fee	et
Record Count: 7														

*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	(WELL NO. 7-1)	.)	WE N/A	LL TAG ID NO. A			OSE FIL C-0470	E NO(5)0	5).				
OCATI	WELL OWNE Devon Ener	R NAME(S) ''gy		M				рнопе 575-74	(OPTIC 8-183	DNAL) 88				
WELL L	well owne 6488 7 Riv	R MAILING ers Hwy	ADDRESS					CITY Artesia	ı			STATE NM	88210	ZIP
L AND	WELL	I LAI	DE	GREES I 32	minutes 3	seconds 48.97	N	* ACCU	RACY	REQUIRED:	ONE TENT	H OF A S	ECOND	
NERA	(FROM GPS		NGITUDE	103	45	47.89	W	* DATU	M REQ	UIRED: WG	5 84			
1. GF	DESCRIPTIO NE NW NE	N RELATIN E Sec.10 7	IG WELL LOCATION TO	STREET ADDRESS	AND COMMON	LANDMAR	S – PLS	S (SECTIO	N, TO	WNSHJIP, RA	NGE) WHE	RE AVA	ILABLE	
	LICENSE NO. 124	9	NAME OF LICENSED	DRILLER Jack	ie D. Atkins					NAME OF	WELL DRII tkins Engi	LING CO	OMPANY Associates, I	nc.
	DRILLING ST	ARTED	DRILLING ENDED	DEPTH OF COMPLI	ETED WELL (FT Well Materia) B(ORE HOI	LE DEPTH	(FT)	DEPTH W.	ATER FIRS	T ENCOU N/A	INTERED (FT)	
	COMPLETED	WELL IS:	ARTESIAN	DRY HOLE	SHALLOV	v (unconfi	NED)	NATIC WATER LEVEL DATE STATIC ME IN COMPLETED WELL N/A 4/25/2				MEASURED		
VIION	DRILLING FL	UID:	AIR	MUD	ADDITIVE	BS – SPECIFY	? :	(F	1)			-		
ORM	DRILLING MI	ethod:	ROTARY THAMM	IER 🗍 CABLE TO	OOL 📝 OTHE	R – SPECIFY	· E	Iollow S	tem A	Auger	CHECK H	HERE IF I .ED	PITLESS ADAI	PTER IS
SING INF	DEPTH (feet bgl)BORE HOLEFROMTODIAM(inches)			CASING MATERIAL AND/OR GRADE CONN (include each casing string, and T note sections of screen) (add count			ASING NECTION TYPE	4	CASI INSIDE	NG DIAM. es)	CASII THIC	NG WALL CKNESS nches)	SLOT SIZE (inches)	
& CA	0	55	±6.25	Soil	Boring	(a	dd coupl		ter)	-			-	
TING								_	_					
. DRII		_				-								
7			0			•	_			1			(H	
			-			-			-		-			
										-	_	_		
	DEPTH (feet bgl)	BORE HOLE	LIST A	NNULAR SE	AL MATE	RIAL A	AND	-	AM	OUNT		METHO	D OF
RIAL	FROM	то	DIAM. (inches)	GRAVEL	PACK SIZE-	RANGE B	Y INTE	RVAL	_	(cut	ic feet)	-	PLACEN	IENT
АТЕ					N	/A								
LAR									_			-		
ANNU														
FOR	OSE INTERI	NAL USE			Interio			,	WR-20) WELL RI	ECORD &	LOG	Version 01/2	8/2022)
FILE	E NO. CATION				POD NO.			WELLT	FRN N AG IF	10. D NO	_		PAGE	1 OF 2

WELL TAG ID NO.

•

1	DEPTH (feet bgl)		COLOR AN	D TYPE OF MATERIAL E	NCOUN	TERED -		WATER		ESTIMATEI YIELD FOR
	FROM	то	(feet)	INCLUDE WATE (attach sup	R-BEARING CAVITIES O	R FRAC	TURE ZONE Il units)	s	BEARING? (YES / NO)		WATER- BEARING ZONES (gpn
	0	4	4	Sand, medium-f	ine grained, poorly, graded, 1	inconsol	idated, brown		Y V	1	
	4	30	36	Calich	e, with silt semi-consolidate	d, white/	tan		Y √ N	1	
	30	55	25	Sand, fine-	grained, poorly, graded, un	consolida	ited, tan		Y √ M	1	
						_			Y N	1	
									Y N	ł	
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	METHOD L	USED TO E	STIMATE YIELD	OF WATER-BEARIN	G STRATA: THER – SPECIFY:			TOT. WEI	AL ESTIMATE LL YIELD (gpn	D n):	0.00
UPERVISION	WELL TES	T TEST STAR	RESULTS - ATT. T TIME, END TH FORMATION: Te be 36	ACH A COPY OF DAT ME, AND A TABLE SP emporary well materia low ground surface(b	A COLLECTED DURING HOWING DISCHARGE AN al removed and soil borin igs), then hydrated bentor	WELL T ID DRA g backfi nite chip	ESTING, ING WDOWN OV Illed using di s ten feet bg	CLUDI ER TH till cut s to su	NG DISCHARC E TESTING PE tings from tota rface.	BE M RIOI I dej	IETHOD, D. pth to ten fe
; RIG SI			Sn	apping 10 Federal 11	ł		, 1 ⁴ -	يەلچە سەق		And and	Philip Lange
5. TEST	PRINT NAM Shane Eldri	ИЕ(S) OF D dge, Came	RILL RIG SUPER	VISOR(S) THAT PRO	VIDED ONSITE SUPERVI	SION O	F WELL CON	ISTRU	CTION OTHER	TH	AN LICENSI
ATURE	THE UNDE CORRECT	RSIGNED I RECORD C PERMIT HO	HEREBY CERTIF F THE ABOVE D DLDER WITHIN 3	TIES THAT, TO THE B DESCRIBED HOLE AN 0 DAYS AFTER COM	EST OF HIS OR HER KNO ID THAT HE OR SHE WIL PLETION OF WELL DRIL	OWLED L FILE LING:	GE AND BEI THIS WELL I	JEF, T RECOF	HE FOREGOIN 2D WITH THE	IG IS STA	S A TRUE AI TE ENGINE
6. SIGN	Jack	Atkins		Ja	ckie D. Atkins	-	_		4/26/23		
_		SIGNAT	URE OF DRILLE	R / PRINT SIGNEE	NAME			_	DAT	E	
FO	R OSE INTER	NAL USE					WR-20 WE	LL RE	CORD & LOG	Vers	sion 01/28/20
FIL	E NO.				POD NO.		TRN NO.				
τO	CATION					WELL	TACIDNO	-			PAGE 2 OI



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 W	ell Number: <u> </u>	-04700100-1			Phone	No. 575	-748-1838	
wen Maili	ng address:	6488 7 Rivers	s Hwy			1 none	NU		
City:	Artesia			State:		New Mexico		Zip code:	88210
<u>II. V</u>	VELL PLUC	GGING INFO	RMATION:						
1)	Name of	well drilling co	ompany that plugg	ed well: Ja	ckie D. A	Atkins (Atkins E	ngineering	Associates I	inc.)
2)	New Me	xico Well Drill	er License No.: 1	249			Expira	tion Date:	04/30/25
3)	Well plu Shane E	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)	Depth of by the fo	well confirmed llowing manne	d at initiation of pla r: weighted tape	ugging as:	55	ft below grou	und level (bgl),	
7)	Static wa	ter level measu	ared at initiation of	plugging:	n/a	ft bgl			
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 wit approved plugging	h an approv g plan and t	ed plugg he well a	ing plan? s it was plugged	Yes l (attach ac	If not, p Iditional pag	please describ es as needed):
								VI - 27	مېږيم و. اي طبيع و د د د د د د

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,

Depth (ft bgl)	Plugging <u>Material Used</u> (include any additives used)	Volume of <u>Material Placed</u> (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement <u>Method</u> (tremie pipe, other)	<u>Comments</u> ("casing perforated first", "open annular space also plugged", etc.)
	0-10' Hydrated Bentonite	Approx. 15 gallons	15 gallons	Augers	
1	10'-55' Drill Cuttings	Approx. 71 gallons	71 gallons	Boring	
1					
			6	e.	5
I. SIGN	ATURE:	MULTIPLY E cubic feet x 7.4 cubic ards x 201.5	AND OBTAIN 1805 = gallons 17 = allons	the part and	2023 pri 146

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

1		
	Created:	2023-04-26
	By:	Lucas Middleton (lucas@atkinseng.com)
	Status:	Signed
	Transaction ID:	CBJCHBCAABAA7kP8N6FF5p7DLtbacrXsBro4EK6_i7in
1		

"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.

Page 22 of 125



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 ORG	ANICS					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

Lab ID:

CLIENT: Safety & Environmental Solutions

1906574-002

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 1ft Collection Date: 6/7/2019 2:25:00 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	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

Matrix: SOIL

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 2 of 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						Analyst	smb
Chloride	550	60		mg/Kg	20	6/17/2019 2:30:24 PM	45618
EPA METHOD 8015M/D: DIESEL RANGE ORG/	ANICS					Analyst	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						Analyst	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						Analyst	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

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: smb
Chloride	2300	60	mg/Kg	20	6/17/2019 2:42:49 PM	45618
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	BRM
Diesel Range Organics (DRO)	18	9.9	mg/Kg	1	6/17/2019 8:00:06 PM	45543
Motor Oil Range Organics (MRO)	97	49	mg/Kg	1	6/17/2019 8:00:06 PM	45543
Surr: DNOP	125	70-130	%Rec	1	6/17/2019 8:00:06 PM	45543
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/13/2019 2:12:55 PM	45509
Surr: BFB	115	73.8-119	%Rec	1	6/13/2019 2:12:55 PM	45509
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	6/13/2019 2:12:55 PM	45509
Toluene	ND	0.049	mg/Kg	1	6/13/2019 2:12:55 PM	45509
Ethylbenzene	ND	0.049	mg/Kg	1	6/13/2019 2:12:55 PM	45509
Xylenes, Total	ND	0.098	mg/Kg	1	6/13/2019 2:12:55 PM	45509
Surr: 4-Bromofluorobenzene	109	80-120	%Rec	1	6/13/2019 2:12:55 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 4 of 19

Lab ID:

Analyses

Chloride

Surr: DNOP

Surr: BFB

Benzene

Toluene

Ethylbenzene

Xylenes, Total

Diesel Range Organics (DRO)

Motor Oil Range Organics (MRO)

Gasoline Range Organics (GRO)

Surr: 4-Bromofluorobenzene

EPA METHOD 8021B: VOLATILES

EPA METHOD 8015D: GASOLINE RANGE

Analytical Report Lab Order 1906574

Date Reported: 6/19/2019

6/17/2019 8:22:13 PM

6/17/2019 8:22:13 PM

6/17/2019 8:22:13 PM

6/14/2019 2:53:00 PM

45543

45543

45543

45509

45509

45509

45509

45509

45509

45509

Analyst: NSB

Analyst: NSB

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 1906574-005 Matrix: SOIL Received Date: 6/11/2019 9:05:00 AM Result **RL** Oual Units **DF** Date Analyzed Batch Analyst: MRA **EPA METHOD 300.0: ANIONS** 8300 590 mg/Kg 200 6/18/2019 1:01:44 PM 45618 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM

9.8

49

4.9

0.024

0.049

0.049

0.098

80-120

73.8-119

S

70-130

mg/Kg

mg/Kg

%Rec

mg/Kg

%Rec

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

1

1

1

1

1

1

1

1

1

1

43

160

132

ND

114

ND

ND

ND

ND

113

Refer to the OC Summar	v report and	sample login	checklist for flagged	OC data and	preservation information.
		1 0	00	· ·	1

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 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 Collection Date: 6/7/2019 3:10:00 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	4200	150	mg/Kg	50	6/18/2019 1:14:09 PM	45618
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					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

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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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 1906574-007 Matrix: SOIL

Collection Date: 6/7/2019 3:25:00 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	ND	60	mg/Kg	20	6/17/2019 3:44:52 PM	45618
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				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 ORGANICS						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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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 **Project:** Devon Ross Ranch 10 Fed 1 2RP 4009 Collection Date: 6/7/2019 3:55:00 PM Lab ID: 1906574-010 Matrix: SOIL Received Date: 6/11/2019 9:05:00 AM Analyses 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 OF	RGANICS				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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	smb
Chloride	2100	60		mg/Kg	20	6/17/2019 7:15:48 PM	45633
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst	BRM
Diesel Range Organics (DRO)	13	10		mg/Kg	1	6/13/2019 10:26:13 PM	45543
Motor Oil Range Organics (MRO)	110	50		mg/Kg	1	6/13/2019 10:26:13 PM	45543
Surr: DNOP	752	70-130	S	%Rec	1	6/13/2019 10:26:13 PM	45543
EPA METHOD 8015D: GASOLINE RANGE						Analyst	NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/14/2019 6:03:46 PM	45509
Surr: BFB	92.9	73.8-119		%Rec	1	6/14/2019 6:03:46 PM	45509
EPA METHOD 8021B: VOLATILES						Analyst	NSB
Benzene	ND	0.025		mg/Kg	1	6/14/2019 6:03:46 PM	45509
Toluene	ND	0.050		mg/Kg	1	6/14/2019 6:03:46 PM	45509
Ethylbenzene	ND	0.050		mg/Kg	1	6/14/2019 6:03:46 PM	45509
Xylenes, Total	ND	0.10		mg/Kg	1	6/14/2019 6:03:46 PM	45509
Surr: 4-Bromofluorobenzene	95.2	80-120		%Rec	1	6/14/2019 6:03:46 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-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 ORG	ANICS				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	& Environmental Solutions			
Project: Devon	Ross Ranch 10 Fed 1 2RP 4009)		
Sample ID: MB-45618	SampType: mblk	TestCode: EPA Method	300.0: Anions	
Client ID: PBS	Batch ID: 45618	RunNo: 60701		
Prep Date: 6/17/2019	Analysis Date: 6/17/2019	SeqNo: 2054613	Units: mg/Kg	
Analyte Chloride	Result PQL SPK value ND 1.5	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
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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19-Jun-19

Client: Safety &	Environmental S	Solutions							
Project: Devon R	oss Ranch 10 Fee	d 1 2RP 4009)						
Sample ID: LCS-45543	SampType: L	cs	Test	Code: EP	A Method	8015M/D: Die	sel Range	Organics	
	Botoh ID: 4	5542	D		600		j-	e gamee	
Client ID. LCSS	Datch ID. 4	5545	KI	unino. 60	022				
Prep Date: 6/12/2019	Analysis Date: 6	6/13/2019	S	eqNo: 20	52482	Units: mg/Kg)		
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: N	IBLK	Test	Code: EP	A Method	8015M/D: Die:	sel Range	e Organics	
Client ID: PBS	Batch ID: 4	5543	R	unNo: 60	622				
Prep Date: 6/12/2019	Analysis Date: 6	6/13/2019	S	eqNo: 20	52483	Units: mg/Kg	9		
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: L	cs	Test	Code: EP	A Method	8015M/D: Die:	sel Range	e Organics	
Client ID: LCSS	Batch ID: 4	5594	R	unNo: 60	697				
Prep Date: 6/14/2019	Analysis Date: 6	6/17/2019	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: N	IBLK	Test	Code: EP	A Method	8015M/D: Die:	sel Range	e Organics	
Client ID: PBS	Batch ID: 4	5594	R	unNo: 60	697				
Prep Date: 6/14/2019	Analysis Date: 6	6/17/2019	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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19-Jun-19

Client: Project:	Safety & Devon R	Environme Coss Ranch	ental S 10 Fed	olutions 1 2RP 4009)						
Sample ID:	MB-45518	SampT	ype: M	BLK	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID:	PBS	Batch	n ID: 45	518	F	RunNo: 6	0590				
Prep Date:	6/11/2019	Analysis D	ate: 6	/12/2019	S	SeqNo: 2	050617	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	SampT	ype: LC	cs	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID:	LCSS	Batch	n ID: 45	518	F	RunNo: 6	0590				
Prep Date:	6/11/2019	Analysis D	ate: 6	/12/2019	S	SeqNo: 2	050618	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	SampT	уре: М	BLK	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID:	PBS	Batch	n ID: 45	509	F	RunNo: 6	0590				
Prep Date:	6/11/2019	Analysis D	ate: 6	/12/2019	S	SeqNo: 2	050625	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang Surr: BFB	e Organics (GRO)	ND 1100	5.0	1000		111	73.8	119			
Sample ID:	LCS-45509	SampT	ype: LC	cs	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID:	LCSS	Batch	n ID: 45	509	F	RunNo: 6	0590				
Prep Date:	6/11/2019	Analysis D	ate: 6	/12/2019	S	SeqNo: 2	050626	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	23	5.0	25.00	0	92.9	80.1	123			
Surr: BFB		1200		1000		119	73.8	119			
Sample ID:	MB-45528	SampT	уре: М	BLK	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID:	PBS	Batch	n ID: 45	528	F	RunNo: 6	0624				
Prep Date:	6/12/2019	Analysis D	ate: 6	/13/2019	5	SeqNo: 2	051781	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang Surr: BFB	e Organics (GRO)	ND 1100	5.0	1000		108	73.8	119			
Sampla ID:	1 08 45529	SamaT		~	Tos	tCodo: El	PA Mothod	9015D: Coco	lino Bong	<u> </u>	
Client ID.	109-40020	Batch		528	res E			UVIJD. Gaso	me rang	6	
Prep Date:	6/12/2019	Analysis D	ate: 6	/13/2019	S	SeqNo: 2	051782	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	23	5.0	25.00	0	90.2	80.1	123			
Surr: BFB		1200		1000		121	73.8	119			S

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

1906574

19-Jun-19

Client: Project:	Safety & Devon Ro	Environme oss Ranch	ental Sc 10 Fed	olutions 1 2RP 4009)						
Sample ID:	1906574-013AMS	SampT	ype: MS	6	Tes	tCode: EF	PA Method	8015D: Gasc	line Rang	e	
Client ID:	AH-5 2.5ft	Batch	D: 45	528	F	RunNo: 6	0624				
Prep Date:	6/12/2019	Analysis D	ate: 6/	13/2019	5	SeqNo: 20	051790	Units: mg/k	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range	e 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:	1906574-013AMSD	SampT	ype: MS	SD	Tes	tCode: EF	PA Method	8015D: Gasc	line Rang	e	
Client ID:	AH-5 2.5ft	Batch	D: 45	528	F	RunNo: 6	0624				
Prep Date:	6/12/2019	Analysis D	ate: 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	e 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

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

Client: Project:	Safety Devor	& Environment	ental So 10 Fed	lutions 1 2RP 4009)						
Sample ID:	MB-45518	SampT	уре: МЕ	BLK	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID:	PBS	Batch	n ID: 45!	518	F	RunNo: 6	0590				
Prep Date:	6/11/2019	Analysis D	Date: 6/	12/2019	S	SeqNo: 20	050664	Units: %Red	•		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bron	nofluorobenzene	0.94		1.000		94.5	80	120			
Sample ID:	LCS-45518	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID:	LCSS	Batch	n ID: 45	518	F	RunNo: 6	0590				
Prep Date:	6/11/2019	Analysis D)ate: 6/	12/2019	S	SeqNo: 20	050665	Units: %Red	•		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bron	nofluorobenzene	1.1		1.000		108	80	120			
Sample ID:	MB-45509	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID:	PBS	Batch	n ID: 45	509	F	RunNo: 6	0590				
Prep Date:	6/11/2019	Analysis D	Date: 6/	12/2019	S	SeqNo: 20	050673	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								
Surr: 4 Bron	ofluorobonzono	ND	0.10	1 000		102	80	120			
Sull. 4-Bioli	Iolidolobelizelle	1.0		1.000		103	80	120			
Sample ID:	LCS-45509	SampT	'ype: LC	S	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID:	LCSS	Batch	n ID: 45	509	F	RunNo: 6	0590				
Prep Date:	6/11/2019	Analysis D)ate: 6/	12/2019	S	SeqNo: 20	050674	Units: mg/K	g		
Analyte		Result	PQL	SPK value	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			
Surr: 4-Bron	ofluorobenzene	2.9	0.10	3.000	0	95.1 108	00 80	120			
				1.000		100		120			
Sample ID:	MB-45528	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID:	PBS	Batch	ו ID: 45	528	F	RunNo: 60	0624				
Prep Date:	6/12/2019	Analysis D)ate: 6/	13/2019	S	SeqNo: 20	051816	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								

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

Client: Project:	Safety & Devon R	Environmo oss Ranch	ental So 10 Fed	olutions 1 2RP 4009)						
Sample ID: MB-45	528	SampT	ype: ME	BLK	Test	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: PBS		Batch	n ID: 45	528	R	lunNo: 60	0624				
Prep Date: 6/12/2	2019	Analysis D	0ate: 6/	13/2019	S	eqNo: 20	051816	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobe	enzene	1.0		1.000		103	80	120			
Sample ID: LCS-4	5528	SampT	ype: LC	S	Test	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: LCSS		Batch	n ID: 45	528	R	unNo: 60	0624				
Prep Date: 6/12/2	2019	Analysis D	0ate: 6/	13/2019	S	eqNo: 20	051817	Units: mg/K	g		
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-Bromofluorobe	enzene	1.1		1.000		109	80	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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1906574

19-Jun-19

ENVI	RONMENTAL	nun Environmer	4901 Hawkir	is NE						
	LYSIS DRATORY	TEL: 505-345-3 Website: www	Albuquerque, NM 8 975 FAX: 505-345- v.hallenvironmenta	27109 Sa 4107 1.com	Sample Log-In Check List					
Client Name:	Safety Env Solutions	Work Order Num	ber: 1906574	ur an an Anna an Anna Anna Anna Anna Anna	RcptNo:	1				
Received By:	Isaiah Ortiz	6/11/2019 9:05:00	AM	and and	24					
Completed By:	Leah Baca	6/12/2019 8:05:09	AM	1.1 Br	14					
Reviewed By:	TO	6/12/19		Laupt						
Chain of Cu	stody									
1. Is Chain of (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 san	nples received at a temper	ature of >0° C to 6.0°C	Yes 🖌	No 🗌	NA 🗌					
5. Sample(s) in	n proper container(s)?		Yes 🔽	No 🗌						
6. Sufficient sa	mple volume for indicated	test(s)?	Yes 🔽	No 🗌						
7. Are samples	(except VOA and ONG) p	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	ample containers received	broken?	Yes	No 🗹	# of preserved					
11. Does paperw (Note discret	ork match bottle labels?	v)	Yes 🔽	No 🗌	bottles checked for pH: (<2 or	>12 unless noted)				
12. Are matrices	correctly identified on Cha	in of Custody?	Yes 🗸	No 🗌	Adjusted?	,				
13. Is it clear what	at analyses were requested	d?	Yes 🗸	No 🗌		11 11				
14. Were all hold (If no, notify o	ling times able to be met? customer for authorization.)	Yes 🗹	No 🗌	Checked by:	D 6/12/19				
Special Hand	lling (if applicable)									
15. Was client n	otified of all discrepancies	with this order?	Yes 🗌	No 🗌	NA 🗹					
Persor	n Notified:	Date	Γ							
By Wh	iom:	Via:	eMail F	hone 🗌 Fax	In Person					
Regard	ding:									
Client	Instructions:									
16. Additional re	emarks:									
17. <u>Cooler Info</u>	Tom IC Condition	Cool Integt	Carl Dat	0						
1			Seal Date	Signed By	<u></u>					

Page 1 of 1

HALL ENVIRONMENTAL	www hallenvironmental com	4901 Hawkins NE - Albuquerque, NM 87109	Tel. 505-345-3975 Fax 505-345-4107	Analysis Request	() ()	PCB's PCB's SIMS VAbsel	D82 I 382 I 3270 02, 1 3270)8/s 98/s 04. 04. 04. 04. 0 04. 0 04. 0 04. 0 04. 0 04. 0 04. 0 04. 0 04. 0 04. 0 04. 0 04. 04.	003 103 103 10 10 10 10 10 10 10 10 10 10 10 10 10	15D ethod y 83 hr, 1 hr, 1 ethion blifon blifon	08:19 08:19 08:19 09:00 00	EE													arks:				ity. Any sub-contracted data will be clearly notated on the analytical report.
Turn-Around Time: Ruk	Project Name: Juon	Ross Rench 10 7.01 (2RP-4009)	Project #:	DEN-19-010	Project Manager:	Alken Bob	Sampler: Sover latra	On Ice: No No	# of Coolers: / BE	Cooler Temp(including CF): / / '-O: 2(CF) O.Y.	Container Preservative HEAL No.	1 ype and # 1 ype /// 05 2+4 m	- Cul X	1 Newt -002 1	-002	- Cou	/ / //	-006	/ /	/ - Cor	1004	- 010 -	10- /	(X) 210-	Received by: Via: Date Time Rema	SWA 6/10/19 0800	Received by: Via: Date Time	I-0 count 6/11/19 0905	ontracted to other accredited laboratories. This serves as notice of this possibili
Client: Silvery + Enclower Manuell	- Releta	Mailing Address: 703 6 Clinton	Lobbs N.W 88240	Phone #: 575-397-0510	email or Fax#:	QA/QC Package:	Accreditation: Az Compliance	D NELAC D Other	EDD (Type)			W K2 11/10 Matrix Sample Name	mahal LIFI C SILI / non	1 145 5 AH-1 15	1 1430 S UH-2 Supre	1145 & AH-2 1FT	1450 5 AH3 Surfer	1510 S AH-3 1A	1525 S 44-3 215 F	1530 5 AH4 Surpre	1545 5 MH4 154	1555 S AHY 2,5F	< 1600 5 12H-5 Subre	2467 1610 5 WHY 17	Date: Time: Relinquished by:	allo oko X' 2 Lun	Date Time: Retinquished by	10/19 1910 X11 TN	If recessary, sample submitted to Hall Environmental may be subor

eived by OCD: 11/3/2023	10:28:32 AM		Page 45 of
ALL ENVIRONMENTAL ALYSIS LABORATORY ww.hallenvironmental.com NE - Albuquerque, NM 87109 3975 Fax 505-345-4107 Analysis Request	RCRA 8 Metals CI, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ 8260 (VOA) 8270 (Semi-VOA) Total Coliform (Present/Absent) CM/S Med T		Page 45 of q data will be clearly notated on the analytical report.
AN ww awkins 5-345-3	EDB (Method 504.1) 2010 01 8270SIMS		contracted
1.50 H.	8081 Pesticides/8082 PCB's		-gns AL
16 490	трн:80150(еко / рко / мко)		A
	BTEX / MTBE / TMB's (8021)		, nossibi
Standard Rush Standard Rush Project Name: Julow Ross Romett 10 Jul 1 (2RP-4009) Project #: Dev-19-010	Project Manager: <i>A/Lew</i> , <i>Bob</i> Sampler: <i>So Sn. Luny</i> Sampler: <i>So Sn. Luny</i> On Ice: <i>Sves</i> DNo # of Coolers: <i>1</i> Cooler Temp(meating cr): <i>1</i> ,1.5-0.7 (cr) 0.97 Container Preservative HEAL No. Type and # Type 190.6534	Need -013 Need -013 Received by: Via: Date Time	Received by: Via: Lellol 19 082
Client: Soluty + EUCHONNELL Soluty + EUCHONNELL Mailing Address: 763 C. CLINTON Holden: 575-347-0570	email or Fax#: QA/QC Package: C Standard I Level 4 (Full Validatic Accreditation: Az Compliance NELAC Other EDD (Type) Date Time Matrix Sample Name	06.67 1625 5 M4-5 2,5 FF 1625 5 M4-5 FF 1625 5 M4-5 FF 1625 5 M4-5 FF 1625 5 M4-5	Base: Time: Reling/Spector, August Pase: Time: Reling/Spector, August Pase: Time: Reling/Spector, August Pase: Time: Reling/Spector, August Page II necessary, samples submitted to Hall Environmental may be



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 Environmental Anal	ysis Laboratory, I	nc.			Analytical Report Lab Order 2004552 Date Reported: 4/17/20	020
CLIENT: Safety & Environmental So	olutions	Clien	t Sample II	D: SA	A1 Surface	
Project: Ross Ranch		Col	lection Dat	e: 4/8	3/2020 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 Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 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
- 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 Environ	mental Anal	ysis Laboratory, Iı	nc.			Analytical Report Lab Order 2004552 Date Reported: 4/17/20	020
CLIENT: Safety &	Environmental S	olutions	Client	Sample II	D: SA	2 Surface	
Project: Ross Rar	nch		Coll	ection Dat	e: 4/8	3/2020 11:10:00 AM	
Lab ID: 2004552	-002	Matrix: SOIL	Re	ceived Dat	e: 4/1	1/2020 10:00:00 AM	
Analyses		Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300	.0: ANIONS					Analys	st: CAS
Chloride		190	60	mg/Kg	20	4/15/2020 6:21:38 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 Environmental Ana	lysis Laboratory, I	nc.			Analytical Report Lab Order 2004552 Date Reported: 4/17/2	020
CLIENT: Safety & Environmental S	Solutions	Clien	t Sample II	D: SA	A3 Surface	
Project: Ross Ranch		Col	lection Dat	e: 4/8	3/2020 11:30:00 AM	
Lab ID: 2004552-003	Matrix: SOIL	Re	ceived 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					Analys	st: CAS
Chloride	330	60	mg/Kg	20	4/15/2020 6:34:03 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 E	nvironmental Anal	с.		Analytical Report Lab Order 2004552 Date Reported: 4/17/2020			
CLIENT:	Safety & Environmental S	olutions	Clien	t Sample II	D: SA	4 Surface	
Project:	Ross Ranch		Col	lection Dat	e: 4/8	3/2020 12:10:00 PM	
Lab ID:	2004552-004	Matrix: SOIL	Re	ceived Dat	e: 4/1	1/2020 10:00:00 AM	
Analyses		Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analys	t: CAS
Chloride		ND	60	mg/Kg	20	4/15/2020 6:46:27 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 En	•		Analytical Report Lab Order 2004552 Date Reported: 4/17/2020				
CLIENT:	Safety & Environmental	Solutions	Clien	t Sample II	D: SA	15 Surface	
Project:	Ross Ranch		Collection Date: 4/8/2020 12:35:00 PM				
Lab ID:	2004552-005	Matrix: SOIL	R	eceived Dat	e: 4/1	1/2020 10:00:00 AM	
Analyses		Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analys	it: CAS
Chloride		ND	60	mg/Kg	20	4/15/2020 6:58:52 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 E	•		Analytical Report Lab Order 2004552 Date Reported: 4/17/2020				
CLIENT:	Safety & Environmental	Solutions	Clie	nt Sample II	D: SA	A6 Surface	
Project:	Ross Ranch		Co	3/2020 12:50:00 PM			
Lab ID:	2004552-006	Matrix: SOIL	R	eceived Dat	11/2020 10:00:00 AM		
Analyses		Result	RL Q	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analys	t: CAS
Chloride		ND	60	mg/Kg	20	4/15/2020 7:11:16 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 E	nvironmental Anal	с.		Analytical Report Lab Order 2004552 Date Reported: 4/17/2020			
CLIENT:	Safety & Environmental S	olutions	Clien	t Sample II	D: SA	A7 Surface	
Project:	Ross Ranch		Col	lection Dat	e: 4/8	3/2020 1:15:00 PM	
Lab ID:	2004552-007	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 MET	HOD 300.0: ANIONS					Analys	t: 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 En	•		Analytical Report Lab Order 2004552 Date Reported: 4/17/2020					
CLIENT:	Safety & Environmental	Solutions	Clien	t Sample II	D: SA	A8 Surface		
Project:	Ross Ranch		Collection Date: 4/8/2020 1:40:00 PM					
Lab ID:	2004552-008	Matrix: SOIL	Re	ceived 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					Analys	t: CAS	
Chloride		ND	59	mg/Kg	20	4/15/2020 8:00:54 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 Env	•		Analytical Report Lab Order 2004552 Date Reported: 4/17/2020				
CLIENT: S	Safety & Environmental :	Solutions	Clien	t Sample II	D: SA	19 Surface	
Project: F	Ross Ranch		Collection Date: 4/8/2020 2:10:00 PM				
Lab ID: 2	2004552-009	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 METH	OD 300.0: ANIONS					Analys	t: CAS
Chloride		ND	60	mg/Kg	20	4/15/2020 8:13:19 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 S	Solutions	Clien	t Sample I	D: SA	A10 Surface	
Project:	Ross Ranch		Col	lection Dat	e: 4/8	8/2020 2:40:00 PM	
Lab ID:	2004552-010	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					Analys	st: CAS
Chloride		ND	60	mg/Kg	20	4/15/2020 8:25:43 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 E	с.		Analytical Report Lab Order 2004552 Date Reported: 4/17/2020				
CLIENT:	Safety & Environmental S	olutions	Clien	t Sample II	D: SA	A11 Surface	
Project:	Ross Ranch		Col	lection Dat	e: 4/8	3/2020 3:10:00 PM	
Lab ID:	2004552-011	Matrix: SOIL	Re	ceived Dat	e: 4/1	11/2020 10:00:00 AM	
Analyses		Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analys	t: 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

CLIENT: Project:	Safety & Environmental Sol Ross Ranch	lutions	Client Sample ID: SA1 1Ft Collection Date: 4/8/2020 11:00:00 AM						
Lab ID:	2004552-012	Matrix: SOIL		Received Dat	e: 4/]	11/2020 10:00:00 AM			
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA MET	HOD 300.0: ANIONS					Analyst	CAS		
Chloride		470	60	mg/Kg	20	4/15/2020 8:50:31 PM	51819		
EPA MET	HOD 8015D MOD: GASOLI	NE RANGE				Analyst	: JMR		
Gasoline	Range Organics (GRO)	ND	5.0	mg/Kg	1	4/14/2020 6:39:22 PM	51747		
Surr: E	BFB	97.4	70-130	%Rec	1	4/14/2020 6:39:22 PM	51747		
EPA MET	HOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst	BRM		
Diesel R	ange Organics (DRO)	ND	9.1	mg/Kg	1	4/15/2020 4:17:35 PM	51753		
Motor Oi	I Range Organics (MRO)	ND	46	mg/Kg	1	4/15/2020 4:17:35 PM	51753		
Surr: [ONOP	99.5	55.1-146	%Rec	1	4/15/2020 4:17:35 PM	51753		
EPA MET	HOD 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		
Ethylben	zene	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 &	LIENT: Safety & Environmental Solutions				D: SA	A2 1Ft	
Project: Ross Rat	nch		(Collection Date	e: 4/8	3/2020 11:20:00 AM	
Lab ID: 2004552	-013	Matrix: SOIL		Received Date	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		360	60	mg/Kg	20	4/15/2020 9:02:56 PM	51819
EPA METHOD 801	5D MOD: GASOLINE R	ANGE				Analyst	: JMR
Gasoline Range Org	ganics (GRO)	ND	4.9	mg/Kg	1	4/14/2020 8:04:56 PM	51747
Surr: BFB		100	70-130	%Rec	1	4/14/2020 8:04:56 PM	51747
EPA METHOD 801	5M/D: DIESEL RANGE	ORGANICS				Analyst	BRM
Diesel Range Orgar	nics (DRO)	ND	8.2	mg/Kg	1	4/15/2020 5:06:13 PM	51753
Motor Oil Range Or	ganics (MRO)	ND	41	mg/Kg	1	4/15/2020 5:06:13 PM	51753
Surr: DNOP		101	55.1-146	%Rec	1	4/15/2020 5:06:13 PM	51753
EPA METHOD 826	0B: VOLATILES SHOR	T LIST				Analyst	: JMR
Benzene		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
Ethylbenzene		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 Date: 4/11/2020 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: GASOLIN	IE RANGE				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 RAN	IGE 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	IORT 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

Page 14 of 28

Surr: Toluene-d8

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2004552

Date Reported: 4/17/2020

CLIENT: Safety & Environmental Solutions Client Sample II							D: SA	4 1Ft	
Project:	Ross Ranch			(Collectio	on Dat	e: 4/8	3/2020 12:15:00 PM	
Lab ID:	2004552-015	Matrix:	SOIL		Receive	ed Date	e: 4/1	1/2020 10:00:00 AM	
Analyses	3	R	esult	RL	Qual 1	Units	DF	Date Analyzed	Batch
EPA ME	THOD 300.0: ANIONS							Analyst	CAS
Chloride			ND	60		mg/Kg	20	4/15/2020 9:27:45 PM	51819
EPA ME	THOD 8015D MOD: GASO	LINE RANGE						Analyst	: JMR
Gasoline	e 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 ME	THOD 8015M/D: DIESEL R	ANGE ORGANIC	S					Analyst	BRM
Diesel R	ange Organics (DRO)		ND	9.5		mg/Kg	1	4/15/2020 10:02:09 PM	51753
Motor O	il Range Organics (MRO)		ND	48		mg/Kg	1	4/15/2020 10:02:09 PM	51753
Surr:	DNOP		91.6	55.1-146		%Rec	1	4/15/2020 10:02:09 PM	51753
EPA ME	THOD 8260B: VOLATILES	SHORT LIST						Analyst	: JMR
Benzene	e		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
Ethylber	izene		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	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 So	olutions		Cl	ient Sampl	e ID: S	A5 1Ft	
Project:	Ross Ranch			(Collection I	Date: 4/	/8/2020 12:40:00 PM	
Lab ID:	2004552-016	Matrix:	SOIL		Received I	Date: 4/	/11/2020 10:00:00 AM	Ν
Analyses		R	esult	RL	Qual Uni	ts DI	F Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS						Analy	/st: JMT
Chloride			ND	61	mg/	Kg 20	0 4/15/2020 6:33:51 Pl	M 51836
EPA MET	HOD 8015D MOD: GASOL	INE RANGE					Analy	/st: JMR
Gasoline	Range Organics (GRO)		ND	4.9	mg/	Kg 1	4/14/2020 10:27:34 F	PM 51747
Surr: I	BFB		99.2	70-130	%R	ec 1	4/14/2020 10:27:34 F	PM 51747
ΕΡΑ ΜΕΊ	HOD 8015M/D: DIESEL RA	ANGE ORGANIC	S				Analy	/st: BRM
Diesel R	ange Organics (DRO)		ND	9.0	mg/	Kg 1	4/15/2020 10:26:32 F	PM 51753
Motor Oi	I Range Organics (MRO)		ND	45	mg/	Kg 1	4/15/2020 10:26:32 F	PM 51753
Surr: I	DNOP		101	55.1-146	%R	ec 1	4/15/2020 10:26:32 F	PM 51753
EPA MET	HOD 8260B: VOLATILES	SHORT LIST					Analy	/st: JMR
Benzene			ND	0.025	mg/	Kg 1	4/14/2020 10:27:34 F	PM 51747
Toluene			ND	0.049	mg/	Kg 1	4/14/2020 10:27:34 F	PM 51747
Ethylben	zene		ND	0.049	mg/	Kg 1	4/14/2020 10:27:34 F	PM 51747
Xylenes,	Total		ND	0.099	mg/	Kg 1	4/14/2020 10:27:34 F	PM 51747
Surr: 7	,2-Dichloroethane-d4		94.6	70-130	%R	ec 1	4/14/2020 10:27:34 F	PM 51747
Surr: 4	1-Bromofluorobenzene		96.9	70-130	%R	ec 1	4/14/2020 10:27:34 F	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	Solutions	Cli	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		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 7:11:04 PM	51836
EPA METHOD 8015D MOD: GASC	LINE RANGE				Analys	t: JMR
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	4/15/2020 1:18:15 AM	51747
Surr: BFB	98.7	70-130	%Rec	1	4/15/2020 1:18:15 AM	51747
EPA METHOD 8015M/D: DIESEL F	RANGE ORGANICS				Analys	t: BRM
Diesel Range 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: DNOP	100	55.1-146	%Rec	1	4/15/2020 10:50:44 PM	1 51753
EPA METHOD 8260B: VOLATILES	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
Ethylbenzene	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-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 Sc	lutions	Cl	ient Sample II	D: SA	A7 1Ft	
Project:	Ross Ranch			Collection Dat	e: 4/8	3/2020 1:30:00 PM	
Lab ID:	2004552-018	Matrix: SOIL		Received Dat	e: 4/1	1/2020 10:00:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA ME	THOD 300.0: ANIONS					Analyst	t: JMT
Chloride		ND	60	mg/Kg	20	4/15/2020 7:48:18 PM	51836
EPA ME	THOD 8015D MOD: GASOL	INE RANGE				Analyst	t: JMR
Gasoline	e 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 ME	THOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst	t: BRM
Diesel R	ange Organics (DRO)	ND	9.0	mg/Kg	1	4/15/2020 11:15:01 PN	1 51753
Motor O	il 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 ME	THOD 8260B: VOLATILES S	SHORT LIST				Analyst	t: JMR
Benzene	9	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
Ethylber	izene	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 Sampl	e ID: S	SA8 11	Ft	
Project:	Ross Ranch			(Collection I	Date: 4	/8/202	20 1:55:00 PM	
Lab ID:	2004552-019	Matrix:	SOIL		Received I	Date: 4	/11/20	020 10:00:00 AM	
Analyses		R	esult	RL	Qual Uni	ts D	F Dat	te Analyzed	Batch
EPA MET	HOD 300.0: ANIONS							Analyst	: JMT
Chloride			ND	60	mg/	Kg 2	0 4/1	5/2020 8:00:42 PM	51836
EPA MET	HOD 8015D MOD: GASC	LINE RANGE						Analyst	: JMR
Gasoline	Range Organics (GRO)		ND	4.9	mg/	Kg 1	4/1	5/2020 2:15:02 AM	51747
Surr: E	BFB		97.7	70-130	%R	ec 1	4/1	5/2020 2:15:02 AM	51747
EPA MET	HOD 8015M/D: DIESEL F	RANGE ORGANIC	S					Analyst	BRM
Diesel Ra	ange Organics (DRO)		ND	9.7	mg/	Kg 1	4/1	5/2020 11:39:10 PN	1 51753
Motor Oil	Range Organics (MRO)		ND	48	mg/	Kg 1	4/1	5/2020 11:39:10 PM	1 51753
Surr: E	DNOP		103	55.1-146	%R	ec 1	4/1	5/2020 11:39:10 PM	1 51753
EPA MET	HOD 8260B: VOLATILES	SHORT LIST						Analyst	: JMR
Benzene			ND	0.025	mg/	Kg 1	4/1	5/2020 2:15:02 AM	51747
Toluene			ND	0.049	mg/	Kg 1	4/1	5/2020 2:15:02 AM	51747
Ethylben	zene		ND	0.049	mg/	Kg 1	4/1	5/2020 2:15:02 AM	51747
Xylenes,	Total		ND	0.099	mg/	Kg 1	4/1	5/2020 2:15:02 AM	51747
Surr: 1	,2-Dichloroethane-d4		94.9	70-130	%R	ec 1	4/1	5/2020 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 So	lutions	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 MET	THOD 300.0: ANIONS					Analyst	: ЈМТ
Chloride		ND	60	mg/Kg	20	4/15/2020 8:13:07 PM	51836
EPA MET	THOD 8015D MOD: GASOLI	NE RANGE				Analyst	: JMR
Gasoline	e Range Organics (GRO)	ND	5.0	mg/Kg	1	4/15/2020 2:43:23 AM	51747
Surr: I	BFB	97.4	70-130	%Rec	1	4/15/2020 2:43:23 AM	51747
EPA MET	THOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst	: JME
Diesel R	ange Organics (DRO)	46	9.6	mg/Kg	1	4/14/2020 4:18:18 PM	51754
Motor Oi	I Range Organics (MRO)	80	48	mg/Kg	1	4/14/2020 4:18:18 PM	51754
Surr: I	DNOP	93.7	55.1-146	%Rec	1	4/14/2020 4:18:18 PM	51754
EPA MET	THOD 8260B: VOLATILES S	HORT 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
Ethylben	izene	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: 7	1,2-Dichloroethane-d4	96.3	70-130	%Rec	1	4/15/2020 2:43:23 AM	51747
Surr: 4	4-Bromofluorobenzene	94.6	70-130	%Rec	1	4/15/2020 2:43:23 AM	51747
Surr: I	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 Solution	ons	Clie	ent Sample II	D: SA	10 1Ft	
Project:	Ross Ranch		C	ollection Dat	e: 4/8	/2020 2:50:00 PM	
Lab ID:	2004552-021	Matrix: SOIL	F	Received Dat	e: 4/1	1/2020 10:00:00 AM	
Analyses		Result	RL (Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	: ЈМТ
Chloride		ND	60	mg/Kg	20	4/15/2020 8:25:31 PM	51836
EPA MET	HOD 8015D MOD: GASOLINE	RANGE				Analyst	: JMR
Gasoline	Range Organics (GRO)	ND	5.0	mg/Kg	1	4/15/2020 3:11:42 AM	51747
Surr: E	3FB	99.0	70-130	%Rec	1	4/15/2020 3:11:42 AM	51747
EPA MET	HOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	: JME
Diesel Ra	ange 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: E	DNOP	103	55.1-146	%Rec	1	4/14/2020 5:30:01 PM	51754
EPA MET	HOD 8260B: VOLATILES SHO	RT 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

Page 21 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 Soluti	ions	IS Client Sample ID: SA11 1Ft										
Project: Ross Ranch		(Collection Dat	e: 4/8	3/2020 3:20:00 PM							
Lab ID: 2004552-022	Matrix: SOIL	1/2020 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 8:37:56 PM	51836						
EPA METHOD 8015D MOD: GASOLINE	RANGE				Analyst	JMR						
Gasoline 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 METHOD 8015M/D: DIESEL RANG	BE ORGANICS				Analyst	JME						
Diesel Range Organics (DRO)	ND	9.0	mg/Kg	1	4/14/2020 5:53:56 PM	51754						
Motor Oil 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 METHOD 8260B: VOLATILES SHO	ORT LIST				Analyst	JMR						
Benzene	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						
Ethylbenzene	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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Client: Project:	Safety Ross R	& Environmental anch	Solutions						
Sample ID:	MB-51836		nblk	Tes	tCode: FPA Metho	d 300 0: Anions			
				103		A SUCC. Amona	,		
Client ID:	PB2	Batch ID:	51836	rumvu. 00130					
Prep Date:	4/15/2020	Analysis Date:	4/15/2020	S	SeqNo: 2356639	Units: mg/Kg	9		
Analyte		Result PQI	_ SPK value	SPK Ref Val	%REC LowLim	it HighLimit	%RPD	RPDLimit	Qual
Chloride		ND 1.	.5						
Sample ID:	LCS-51836	SampType: I	cs	Tes	tCode: EPA Metho	od 300.0: Anions	3		
Client ID:	LCSS	Batch ID:	51836	R	RunNo: 68136				
Prep Date:	4/15/2020	Analysis Date:	4/15/2020	S	SeqNo: 2356640	Units: mg/Kg	g		
Analyte		Result PQI	_ SPK value	SPK Ref Val	%REC LowLin	it HighLimit	%RPD	RPDLimit	Qual
Chloride		14 1.	.5 15.00	0	95.0 9	0 110			
Sample ID:	MB-51819	SampType: I	nblk	Tes	tCode: EPA Metho	od 300.0: Anions	6		
Client ID:	PBS	Batch ID:	51819	R	RunNo: 68146				
Prep Date:	4/15/2020	Analysis Date:	4/15/2020	S	SeqNo: 2356712	Units: mg/Kg	g		
Analyte		Result PQI	_ SPK value	SPK Ref Val	%REC LowLim	it HighLimit	%RPD	RPDLimit	Qual
Chloride		ND 1.	5						
Sample ID:	LCS-51819	SampType: I	cs	Tes	tCode: EPA Metho	od 300.0: Anions	5		
Client ID:	LCSS	Batch ID:	51819	R	RunNo: 68146				
Prep Date:	4/15/2020	Analysis Date:	4/15/2020	S	SeqNo: 2356713	Units: mg/Kg	g		
Analyte		Result PQI	_ SPK value	SPK Ref Val	%REC LowLim	it HighLimit	%RPD	RPDLimit	Qual
Chloride		14 1.	.5 15.00	0	94.0 9	0 110			

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 &	Environm	ental So	olutions							
Project:	Ross Ran	ch									
Sample ID:	LCS-51753	SampT	ype: LC	s	Tes	tCode: EF	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID:	LCSS	Batch	n ID: 51	753	F	RunNo: 68	8138				
Prep Date:	4/13/2020	Analysis D)ate: 4/	15/2020	S	SeqNo: 2	355495	Units: mg/k	٤g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	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	SampT	ype: MI	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID:	PBS	Batch	n ID: 51	753	F	RunNo: 68	8138				
Prep Date:	4/13/2020	Analysis D	0ate: 4/	15/2020	S	SeqNo: 2	355496	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Organics (DRO)	ND	10								
Motor Oil Range	e Organics (MRO)	ND	50	40.00		70.4	4				
Surr: DNOP		7.6		10.00		76.1	55.1	146			
Sample ID:	MB-51754	SampT	ype: MI	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID:	PBS	Batch	n ID: 51	754	F	RunNo: 68	8099				
Prep Date:	4/13/2020	Analysis D	Date: 4/	/14/2020	5	SeqNo: 23	355633	Units: mg/k	ζg		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Organics (DRO)	ND	10								
Motor Oil Range	e Organics (MRO)	ND	50								
Surr: DNOP		6.9		10.00		68.7	55.1	146			
Sample ID:	LCS-51754	SampT	ype: LC	s	Tes	tCode: EF	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID:	LCSS	Batch	n ID: 51	754	F	RunNo: 68	8099				
Prep Date:	4/13/2020	Analysis D	ate: 4/	/14/2020	S	SeqNo: 2	355634	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	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	SampT	уре: М	S	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID:	SA9 1Ft	Batch	n ID: 51	754	F	RunNo: 68	8099				
Prep Date:	4/13/2020	Analysis D	Date: 4	/14/2020	S	SeqNo: 2	355636	Units: mg/k	٤g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	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: Project:	Safety & Environmental Solutions Ross Ranch										
Sample ID:	2004552-020AMSD	SampTy	/pe: M \$	SD	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	SA9 1Ft	Batch	ID: 51	754	R	RunNo: 68	3099				
Prep Date:	4/13/2020	Analysis Da	ate: 4	/14/2020	S	SeqNo: 23	355637	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range (Organics (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 &	Environm	ental So	lutions							
Project:	Ross Ran	ch									
Sample ID:	2004552-012ams	SampT	Гуре: МЅ	;	Tes	tCode: EF	PA Method	8260B: Volat	tiles Short	List	
Client ID:	SA1 1Ft	Batcl	h ID: 517	747	F	RunNo: 68	8126				
Prep Date:	4/12/2020	Analysis D	Date: 4/*	14/2020	S	SeqNo: 23	355174	Units: mg/k	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-Dic	chloroethane-d4	0.45		0.4931		91.7	70	130			
Surr: 4-Brom	nofluorobenzene	0.46		0.4931		93.8	70	130			
Surr: Dibrom	nofluoromethane	0.49		0.4931		100	70	130			
Surr: Toluen	ie-d8	0.45		0.4931		91.7	70	130			
Sample ID: 2004552-012amsd SampType: MSD TestCode: EPA Method 8260B: Volatiles Short List											
Client ID: SA1 1Ft Batch ID: 51747 RunNo: 68126											
Prep Date:	4/12/2020	Analysis E	Date: 4/	14/2020	S	SeqNo: 2	355175	Units: mg/k	٢g		
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-Dic	chloroethane-d4	0.47		0.4965		94.4	70	130	0	0	
Surr: 4-Brom	nofluorobenzene	0.48		0.4965		96.2	70	130	0	0	
Surr: Dibrom	nofluoromethane	0.51		0.4965		102	70	130	0	0	
Surr: Toluen	ie-d8	0.47		0.4965		95.2	70	130	0	0	
Sample ID:	lcs-51747	SampT	Type: LC	s	Tes	tCode: EF	PA Method	8260B: Volat	tiles Short	List	
Client ID:	LCSS	Batcl	h ID: 517	747	F	RunNo: 68	8126				
Prep Date:	4/12/2020	Analysis D	Date: 4/	14/2020	5	SeqNo: 23	355186	Units: mg/k	٢g		
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-Dic	chloroethane-d4	0.48		0.5000		96.2	70	130			
Surr: 4-Brom	nofluorobenzene	0.48		0.5000		95.8	70	130			
Surr: Dibrom	nofluoromethane	0.50		0.5000		101	70	130			
Surr: Toluen	ie-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
| Client:
Project: | Safety & Environn
Ross Ranch | nental Sc | olutions | | | | | | | |
|-------------------------|---------------------------------|-----------|-----------|-------------|-----------|-----------|--------------------|------------|----------|------|
| Sample ID: mb-5174 | 17 Samp | Type: ME | BLK | Tes | tCode: El | PA Method | 8260B: Volat | iles Short | List | |
| Client ID: PBS | Bate | ch ID: 51 | 747 | F | unNo: 6 | 8126 | | | | |
| Prep Date: 4/12/20 | Analysis | Date: 4/ | 14/2020 | S | eqNo: 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-Dichloroethan | e-d4 0.47 | | 0.5000 | | 94.9 | 70 | 130 | | | |
| Surr: 4-Bromofluoroben | zene 0.47 | | 0.5000 | | 93.7 | 70 | 130 | | | |
| Surr: Dibromofluoromet | hane 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

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2004552

17-Apr-20

Client: Project:	Safety & Ross Ran	Environm ch	ental So	olutions							
	0004550 040	0			.	10 a da F I		00455 Mad	0		
Sample ID:	2004552-013ams	Samp	iype: Mi		Ies	tCode: El	PA Method	8015D Mod:	Gasoline	Range	
Client ID:	SA2 1Ft	Batc	h ID: 51	747	F	RunNo: 6	8126				
Prep Date:	4/12/2020	Analysis [Date: 4/	14/2020	S	SeqNo: 2	355208	Units: mg/k	٢g		
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:	2004552-013amsc	I Samp	Туре: М	SD	Tes	tCode: El	PA Method	8015D Mod:	Gasoline	Range	
Client ID:	SA2 1Ft	Batc	h ID: 51	747	F	RunNo: 6	8126				
Prep Date:	4/12/2020	Analysis [Date: 4/	14/2020	S	SeqNo: 2	355209	Units: mg/k	٢g		
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	Samp	Type: LC	s	Tes	tCode: El	PA Method	8015D Mod:	Gasoline	Range	
Client ID:	LCSS	Batc	h ID: 51	747	F	RunNo: 6	8126				
Prep Date:	4/12/2020	Analysis [Date: 4/	14/2020	S	SeqNo: 2	355219	Units: mg/ł	٢g		
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	Samp	Туре: МЕ	BLK	Tes	tCode: El	PA Method	8015D Mod:	Gasoline	Range	
Client ID:	PBS	Batc	h ID: 51	747	F	RunNo: 6	8126				
Prep Date:	4/12/2020	Analysis [Date: 4/	14/2020	S	SeqNo: 2	355220	Units: mg/k	٨g		
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

Page 28 of 28

2004552

17-Apr-20

HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environm TEL: 505-345- Website: ww	ental Analysis Labor 4901 Hawkir Albuquerque, NM 8 3975 FAX: 505-345- w.hallenvironmenta	atory 15 NE 17109 Sar 4107 Lcom	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	ing	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					
<u>LOG IN</u> 3. Was an attempt made to cool the samples?		Van 🖌	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 i	Custody?	Yon M	No 🗔	Adiusted?	>12 unless noted)
13 Is it clear what analyses were requested?	custody?	Yes 🖌			
14. Were all holding times able to be met?		Yes 🗹	No 🗌	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: Hendric 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				WELLING ** A
2	3.3	Good				

Page 1 of 1

Received by OC ABORATORY	e, NM 87109	345-4107	aest uest	():2	ləsqy/tr	IĐSE	(۲re ح	<u>а</u> ра ши		2) Isto	т _о	×	X		X	X	<u></u> Х.	χ	×	×	×.		Pa pevon	ge 76 of j
HALL ENVIE ANALYSIS L	www.hallenvironmen I Hawkins NE - Albuquerqu	505-345-3975 Fax 505	Analysis Red	*0	PO4, S NISO	(1) (1) (1)	004. 9, N 9, N 9, N 9, N	bo br 10 10 10 10 10 10 10 10 10 10 10 10 10	etho y 83 Me Me Me Me Me Me	M) 8C M) 8C 3 AAS 3 AAS 3 AAS 3 AAS 3 AAS 3 AAS 3 AAS 3 A 3 A 3 A 3 A 3 A 3 A 3 A 3 A 3 A 3 A	85 85 85 85 87 80 80												Sill Directly	-
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Turn-Around Time: Sdam Turn Kstandard 🛛 Rush Project Name: Ross Parch		Project #: $D \in U - 19 - 008$		Project Manager:	Bab Allen	Sampler:	On Ice: 📈 Yes 🚬 🗆 No	# of Coolers: X2 CUM UNIZO	Cooler Temp(moluting cF): 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0	Container Preservative HEAL No.	Type and # Type 2004552	1-402 Jar Ice - 017	7 7 -013	1-014	1 / -015	$ $ $ $ $ $ $ $) (-01%	9/0- / /	QZQ - VZQ		How Jar ICE -022	Received by: Via: Date Time	Received ty: Nia:COUNTIEN Date Time 000
Chain-of-Custody Record	Mailing Address: 70 3 Cl. Ind	14005 NN 88240	Phone #: 575 397 0510	email or Fax#:	QA/QC Package:	Accreditation: Az Compliance	D NELAC D Other	EDD (Type)			Date Time Matrix Sample Name	4-8-20 1100 Jues 541 1Ft	1120 S) SAZ 1F4	11 11 SA3 1FT	1215 S/ SAH 1F7	1240 S SAS 1F1	1 1300 S 1 SAL 1FT	1330 S SM7 1FT	1355 5 1 548 1Ft	1426 5 5 SP9 1F7	1450 S (SA10 1FT	482 1520 SFEE 5411 154	Date: Time: Relinquished by 4-9-20 1630 Kbelp Warhine J	Date:/ Time: Relinquished by W/6 900 Ow a Com

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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

Analytical Report
Lab Order 2006424

Date Reported: 6/16/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	Safety & Environmental Solution	tions Client Sample ID: Bottom 1ft									
Project:	Devon Ross Ranch		(Collection Dat	e: 6/4	4/2020 10:35:00 AM					
Lab ID:	2006424-001	Matrix: SOIL		Received Dat	e: 6/9	9/2020 9:30:00 AM					
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA MET	THOD 300.0: ANIONS					Analyst	CAS				
Chloride		100	60	mg/Kg	20	6/15/2020 3:44:34 AM	53073				
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	CLP				
Diesel R	ange Organics (DRO)	ND	9.7	mg/Kg	1	6/10/2020 12:38:27 PM	52972				
Motor Oi	I 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 MET	HOD 8015D: GASOLINE RANGE	1				Analyst	NSB				
Gasoline	Range Organics (GRO)	ND	4.6	mg/Kg	1	6/10/2020 2:55:07 PM	52971				
Surr: E	BFB	83.5	66.6-105	%Rec	1	6/10/2020 2:55:07 PM	52971				
EPA MET	THOD 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				
Ethylben	izene	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	4-Bromofluorobenzene	106	80-120	%Rec	1	6/10/2020 2:55:07 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 1 of 11

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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					
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 RANGE	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 RANG	E				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

Hall	Environmental	Analysis	Laboratory,	Inc.

CLIENT:	Safety & Environmental Solution	tions Client Sample ID: West										
Project:	Devon Ross Ranch		(Collection Date	e: 6/4	4/2020 11:20:00 AM						
Lab ID:	2006424-003	Matrix: SOILReceived Date: 6/9/2020 9:30:00 AM										
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch					
EPA MET	HOD 300.0: ANIONS					Analyst	CAS					
Chloride		150	60	mg/Kg	20	6/15/2020 4:09:23 AM	53073					
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	CLP					
Diesel R	ange Organics (DRO)	ND	9.3	mg/Kg	1	6/10/2020 1:18:28 PM	52972					
Motor Oi	I 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 MET	HOD 8015D: GASOLINE RANGE					Analyst	NSB					
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	6/10/2020 4:53:17 PM	52971					
Surr: E	3FB	83.7	66.6-105	%Rec	1	6/10/2020 4:53:17 PM	52971					
EPA MET	HOD 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					
Ethylben	zene	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	1-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
- 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 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 I	D: So	uth					
Project:	Devon Ross Ranch		(Collection Dat	e: 6/4	4/2020 11:50:00 AM					
Lab ID:	2006424-004	Matrix: SOIL	Received Date: 6/9/2020 9:30:00 AM								
Analyses	3	Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA ME	THOD 300.0: ANIONS					Analyst	MRA				
Chloride		150	60	mg/Kg	20	6/15/2020 9:48:06 AM	53078				
EPA ME	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	BRM				
Diesel R	ange Organics (DRO)	ND	9.9	mg/Kg	1	6/12/2020 8:39:54 AM	53019				
Motor O	il 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 ME	THOD 8015D: GASOLINE RANGE					Analyst	NSB				
Gasoline	e 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 ME	THOD 8021B: VOLATILES					Analyst	: NSB				
Benzene	9	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				
Ethylber	izene	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	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

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Analytical Report

Hall Environmental Analysis Laboratory, Inc.

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

CLIENT: Safety & Environmental Solution	ns	Client Sample ID: North						
Project: Devon Ross Ranch		(Collection Dat	e: 6/4	4/2020 1:20:00 PM			
Lab ID: 2006424-005	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	MRA		
Chloride	210	60	mg/Kg	20	6/15/2020 10:00:31 AM	53078		
EPA METHOD 8015M/D: DIESEL RANGE	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 RANGI	E				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
- J Analyte detected below quantitation limits
- 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.

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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Client: Project:	Safe Dev	ty & Environmental on Ross Ranch	Solutions						
Sample ID:	MB-53073	SampType:	mblk	Tes	tCode: EPA Meth	od 300.0: Anions			
Client ID:	PBS	Batch ID:	53073	F	RunNo: 69641				
Prep Date:	6/14/2020	Analysis Date:	6/14/2020	S	SeqNo: 2417494	Units: mg/Kg	J		
Analyte Chloride		Result PC ND	L SPK value	SPK Ref Val	%REC LowLin	nit HighLimit	%RPD	RPDLimit	Qual
Sample ID:	LCS-53073	SampType:	lcs	Tes	tCode: EPA Meth	od 300.0: Anions			
Client ID:	LCSS	Batch ID:	53073	F	RunNo: 69641				
Prep Date:	6/14/2020	Analysis Date:	6/14/2020	S	SeqNo: 2417495	Units: mg/Kg	9		
Analyte		Result PC	L SPK value	SPK Ref Val	%REC LowLin	nit HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5 15.00	0	95.6 9	90 110			
Sample ID:	MB-53078	SampType:	mblk	Tes	tCode: EPA Meth	od 300.0: Anions			
Client ID:	PBS	Batch ID:	53078	F	RunNo: 69667				
Prep Date:	6/15/2020	Analysis Date:	6/15/2020	S	SeqNo: 2418561	Units: mg/Kg	9		
Analyte		Result PG	L SPK value	SPK Ref Val	%REC LowLin	nit HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5						
Sample ID:	LCS-53078	SampType:	lcs	Tes	tCode: EPA Meth	od 300.0: Anions	i		
Client ID:	LCSS	Batch ID:	53078	F	RunNo: 69667				
Prep Date:	6/15/2020	Analysis Date:	6/15/2020	S	SeqNo: 2418562	Units: mg/Kg	J		
Analyte		Result PC	L SPK value	SPK Ref Val	%REC LowLin	nit HighLimit	%RPD	RPDLimit	Qual
Chloride		14 ⁻	1.5 15.00	0	95.0	90 110			

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- J Analyte detected below quantitation limits
- P Sample pH Not In Range
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2006424

16-Jun-20

Client: Project:	Safety & Devon Ro	Environm oss Ranch	ental Sc	olutions							
Sample ID:	MB-52972	Samp	Гуре: МЕ	BLK	Tes	tCode: EP	A Method	8015M/D: Die	esel Range	e Organics	
Client ID:	PBS	Batc	h ID: 52	972	R	unNo: 69	523				
Prep Date:	6/9/2020	Analysis [Date: 6/	10/2020	S	SeqNo: 24	13124	Units: mg/k	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range (Organics (DRO)	ND	10								
Motor Oil Rang	e Organics (MRO)	ND	50								
Surr: DNOP		11		10.00		114	55.1	146			
Sample ID:	LCS-52972	Samp	Гуре: LC	S	Tes	tCode: EP	A Method	8015M/D: Die	esel Range	e Organics	
Client ID:	LCSS	Batc	h ID: 52	972	R	lunNo: 69	523				
Prep Date:	6/9/2020	Analysis [Date: 6/	10/2020	S	eqNo: 24	13125	Units: mg/K	g		
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:	2006424-001AMS	Samp	Type: MS	6	Tes	tCode: EP	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	Bottom 1ft	Batc	h ID: 52	972	R	unNo: 69	523				
Prep Date:	6/9/2020	Analysis [Date: 6/	10/2020	S	eqNo: 24	13539	Units: mg/k	g		
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:	2006424-001AMSE) Samp ⁻	Туре: МS	SD	Tes	tCode: EP	A Method	8015M/D: Die	esel Range	e Organics	
Client ID:	Bottom 1ft	Batc	h ID: 52	972	R	unNo: 69	523				
Prep Date:	6/9/2020	Analysis [Date: 6/	10/2020	S	eqNo: 24	13540	Units: mg/k	g		
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:	2006424-004AMS	Samp	Туре: МS	6	Tes	tCode: EF	A Method	8015M/D: Die	esel Range	e Organics	
Client ID:	South	Batc	h ID: 53	019	R	unNo: 69	9585				
Prep Date:	6/11/2020	Analysis [Date: 6/	12/2020	S	eqNo: 24	15646	Units: mg/k	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range (Organics (DRO)	55	9.7	48.73	0	113	47.4	136			
Surr: DNOP		5.9		4.873		122	55.1	146			

Qualifiers:

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- 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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2006424

16-Jun-20

Client:	Safety &	z Environm	ental So	olutions							
Project:	Devon F	Ross Ranch									
Sample ID:	2006424-004AMS	SD Samp	Гуре: М	SD	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID:	South	Batc	h ID: 53	019	F	RunNo: 6	9585				
Prep Date:	6/11/2020	Analysis [Date: 6/	12/2020	S	SeqNo: 24	415647	Units: mg/K	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range	Organics (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:	LCS-53019	Samp	Гуре: LC	s	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID:	LCSS	Batc	h ID: 53	D: 53019 RunNo: 69585							
Prep Date:	6/11/2020	Analysis [Date: 6/	12/2020	S	SeqNo: 24	415665	Units: mg/K	(g		
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	1	5.2		5.000		104	55.1	146			
Sample ID:	MB-53019	Samp	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	PBS	Batc	h ID: 53	019	F	RunNo: 6 9	9585				
Prep Date:	6/11/2020	Analysis [Date: 6/	12/2020	5	SeqNo: 24	415666	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range	Organics (DRO)	ND	10								
Motor Oil Rang	ge Organics (MRO)	ND	50								
Surr: DNOP		13		10.00		127	55.1	146			

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- P Sample pH Not In Range
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2006424

16-Jun-20

Client:SafetProject:Devo	y & Environme n Ross Ranch	ental Sc	olutions							
Sample ID: mb-52971	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8015D: Gaso	line Rang	e	
Client ID: PBS	Batch	n ID: 52	971	F	RunNo: 69	9544				
Prep Date: 6/9/2020	Analysis D	ate: 6/	10/2020	S	SeqNo: 24	413782	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	800		1000		79.8	66.6	105			
Sample ID: Ics-52971	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015D: Gaso	line Rang	e	
Client ID: LCSS	Batch	n ID: 52	971	F	RunNo: 69	9544				
Prep Date: 6/9/2020	Analysis D	ate: 6/	10/2020	5	SeqNo: 24	413783	Units: mg/K	g		
Analyte	Result	PQL	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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- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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2006424

16-Jun-20

Client: Project:	Safety & Devon Ro	Environmoss Ranch	ental Sc	olutions							
Sample ID: mb-52	2971	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: PBS		Batch	h ID: 52	971	F	RunNo: 6	9544				
Prep Date: 6/9/2	2020	Analysis D	Date: 6/	10/2020	S	SeqNo: 2	413808	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		ND	0.025								
Toluene		ND	0.050								
Ethylbenzene		ND	0.050								
Xylenes, Total		ND	0.10								
Surr: 4-Bromofluorol	oenzene	1.0		1.000		99.6	80	120			
Sample ID: LCS-	52971	SampT	ype: LC	S	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: LCSS	;	Batch	h ID: 52	971	F	RunNo: 6	9544				
Prep Date: 6/9/2	2020	Analysis D	0ate: 6/	10/2020	S	SeqNo: 2	413809	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.95	0.025	1.000	0	94.9	80	120			
Toluene		0.97	0.050	1.000	0	97.0	80	120			
Ethylbenzene		0.97	0.050	1.000	0	96.8	80	120			
Xylenes, Total		2.9	0.10	3.000	0	97.0	80	120			
Surr: 4-Bromofluorol	oenzene	1.0		1.000		102	80	120			

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- Р Sample pH Not In Range

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2006424

16-Jun-20

	L TRONMENT LYSIS ORATORY	AL	Ha TE	4901 Hawkins NE 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com					Sample Log-In Check List					
Client Name:	Safety Env	Solutions	Work	Order Num	ber: 200	6424			RcptNo:	1				
Received By:	Isaiah Or	tiz	6/9/202	0 9:30:00 A	M		I	-0	2/					
Completed By	/: Isaiah Or	tiz	6/9/202	0 9:39:33 A	M		I	-0	2~~					
Reviewed By:	DAD 6/0	1/20												
<u>Chain of Cu</u>	<u>ustody</u>													
1. Is Chain of	Custody comp	lete?			Yes	\checkmark	No		Not Present					
2. How was the	ne sample deliv	vered?			<u>Cou</u>	rier								
Log In 3. Was an atte	empt made to o	cool the samp	les?		Yes	✓	No							
4. Were all sa	mples received	l at a tempera	ture of >0° C	to 6.0°C	Yes	\checkmark	No							
5. Sample(s) i	in proper conta	iner(s)?			Yes	\checkmark	No							
6. Sufficient sa	ample volume f	or indicated to	est(s)?		Yes	\checkmark	No							
7. Are samples	s (except VOA	and ONG) pro	operly preserve	ed?	Yes	\checkmark	No							
8. Was preser	vative added to	bottles?			Yes		No	\checkmark	NA 🗌					
9. Received at	least 1 vial wit	h headspace	<1/4" for AQ V	'OA?	Yes		No		NA 🗹	10				
10. Were any s	ample containe	ers received b	oroken?		Yes		No		# of preserved bottles checked	6/9/20				
(Note discre	work match bo pancies on cha	ttle labels? ain of custodv	r)		Yes	\checkmark	No		for pH:	>12 unless noted)				
12. Are matrices	s correctly iden	tified on Chai	n of Custody?		Yes	\checkmark	No		Adjusted?	12 ameee (1010a)				
13. Is it clear wh	nat analyses w	ere requested	?		Yes	\checkmark	No							
14. Were all hol (If no, notify	ding times able customer for a	e to be met? uthorization.)			Yes	\checkmark	No		Checked by:					
Special Hand	dling (if apr	olicable)												
15. Was client	notified of all d	screpancies	with this order?	1	Yes		No		NA 🗹					
Perso	on Notified:	[Date:			and the second design of							
By W	hom:	[Via:	eMa	ail 🗌	Phone	Fax	In Person					
Rega	rding:	[
Client	Instructions:													
16. Additional	remarks:													
17. <u>Cooler Inf</u>	ormation													
Cooler N	No Temp °C	Condition	Seal Intact	Seal No	Seal D	ate	Signed	Ву						
1	1.7	Good	Not Present											

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

Received by OCD: 11/3/	2023	10:28:32 AM								Page 9	1 of 12
Hall ENVIRONMENTAL HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109 Tol ECE 215 2015	lei. 505-345-3975 Fax 502-345-4107 Analysis Request	TMB's (8021) / DRO / MRO) 8270SIMS 8270SIMS 8270SIMS // DRO / MRO)	V MTBE / Method 50 ² Besticides/8 Method 50 ² by 8310 or 8 Metals Br, NO ₃ , VOA) Semi-VOA Semi-VOA	BTEX, BTEX, BTEX, BTPH:8(B260 (B260 (CI, F, CI, F, CI, F, CI, F, CI, F, CI, F, CI, C, CI, F, CI, CI, CI, CI, CI, CI, CI, CI, CI, CI,						Remarks:) is possibility. Any sub-contracted data will be clearly notated on the analytical report.
Turn-Around Time: Standard Rush Project Name: Deven Project Name: Deven Project H:	NEU-19-003	Project Manager: Allev, BSB Sampler: Son Luny	On Ice: アチャントロント # of Coolers: Cooler Temp(including cF): ビューク CF レフト (°C)	Container Preservative TOHEAL No. Type and # Type & どこのしらいこり	1 The - (0)	1 -00.5	1 -001	-00°		Received by: Via: Date Time Received by: Via: Date Time	COULD COULD 6/20 0930
Chain-of-Custody Record Client: Stort & Swither Maring Address: 2 Charles	0 Phone #: 575- 397-0510	email or Fax#: QA/QC Package: D.Standard D.Standard Accreditation: D Accreditation:	NELAC Other EDD (Type)	Date Time Matrix Sample Name	debut 1035 5 Botton 154	06/04/05> > 1200 × 120	000/01/150 5 50.574	0404 1420 5 6M21		Date Time: Relinquished by: DOD & CO Date: Time: Relinquished by	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2



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

Analytical Report Lab Order 2308D09

8/31/2023 10:46:00 PM 77152

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 9/8/2023

CLIENT: Safety & Environmental Sol	utions	Cli	ent Sample II	D: CS	S1-Surface	
Project: DEV 19 008		C	Collection Dat	e: 8/2	21/2023 11:45:00 AM	
Lab ID: 2308D09-001	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	ND	60	mg/Kg	20	8/29/2023 10:32:51 PM	77178
EPA METHOD 8015M/D: DIESEL RAI	NGE ORGANICS				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 RA	NGE				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

90.0

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
- NDNot Detected at the ReportinPQLPractical 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: Sat	fety & Environmental So	lutions	Client Sample ID: CS1-1'							
Project: DE	EV 19 008		Collection Date: 8/21/2023 11:45:00 AM							
Lab ID: 230	08D09-002	Matrix: SOIL	BIL Received Date: 8/24/2023 7:25:00 AM							
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA METHO	D 300.0: ANIONS					Analys	t: JMT			
Chloride		ND	60	mg/Kg	20	8/29/2023 11:10:05 PM	77178			
ΕΡΑ ΜΕΤΗΟ	D 8015M/D: DIESEL RA	NGE ORGANICS				Analys	t: DGH			
Diesel Range	Organics (DRO)	ND	9.5	mg/Kg	1	8/30/2023 1:16:11 AM	77157			
Motor Oil Ran	nge Organics (MRO)	ND	47	mg/Kg	1	8/30/2023 1:16:11 AM	77157			
Surr: DNO	P	85.4	69-147	%Rec	1	8/30/2023 1:16:11 AM	77157			
EPA METHO	D 8015D: GASOLINE R	ANGE				Analys	t: KMN			
Gasoline Ran	ge Organics (GRO)	ND	4.9	mg/Kg	1	8/31/2023 11:30:00 PM	77152			
Surr: BFB		95.7	15-244	%Rec	1	8/31/2023 11:30:00 PM	77152			

ne in e	1.0	ing/itg	•	0/01/2020 11:00:001 11	11102
95.7	15-244	%Rec	1	8/31/2023 11:30:00 PM	77152
				Analyst:	KMN
ND	0.025	mg/Kg	1	8/31/2023 11:30:00 PM	77152
ND	0.049	mg/Kg	1	8/31/2023 11:30:00 PM	77152
ND	0.049	mg/Kg	1	8/31/2023 11:30:00 PM	77152
ND	0.098	mg/Kg	1	8/31/2023 11:30:00 PM	77152
89.5	39.1-146	%Rec	1	8/31/2023 11:30:00 PM	77152
	95.7 ND ND ND ND 89.5	ND 0.025 ND 0.049 ND 0.049 ND 0.049 ND 0.098 89.5 39.1-146	ND 0.025 mg/Kg ND 0.049 mg/Kg ND 0.049 mg/Kg ND 0.049 mg/Kg ND 0.049 mg/Kg ND 0.098 mg/Kg 89.5 39.1-146 %Rec	ND 0.025 mg/Kg 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 89.5 39.1-146 %Rec 1	ND 0.025 mg/Kg 1 8/31/2023 11:30:00 PM ND 0.025 mg/Kg 1 8/31/2023 11:30:00 PM ND 0.049 mg/Kg 1 8/31/2023 11:30:00 PM ND 0.098 mg/Kg 1 8/31/2023 11:30:00 PM 89.5 39.1-146 %Rec 1 8/31/2023 11:30:00 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 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	ions	Clie	nt Sample II): CS	51-2'	
Project: DEV 19 008		Co	ollection Date	e: 8/2	21/2023 11:45:00 AM	
Lab ID: 2308D09-003	Matrix: SOIL	R	leceived 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	: ЈМТ
Chloride	ND	60	mg/Kg	20	8/29/2023 11:22:30 PM	77178
EPA METHOD 8015M/D: DIESEL RANG	E 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	GE				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
Ethylbenzene	ND	0.048	mg/Kg	1	8/31/2023 11:51:00 PM	77152
Xylenes, Total	ND	0.096	mg/Kg	1	8/31/2023 11:51:00 PM	77152

90.1

39.1-146

%Rec

1

8/31/2023 11:51:00 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
- 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 Lab Order 2308D09

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Date Reported: 9/8/2023
Client Sample ID: CS2-Surface

Project: DEV 19 008	Collection Date: 8/21/2023 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					Analys	t: JMT			
Chloride	ND	60	mg/Kg	20	8/29/2023 11:34:54 PM	77178			
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANICS				Analys	t: 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 RAI	NGE				Analys	t: 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					Analys	t: 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
- JAnalyte detected below quantitation limitsPSample pH Not In Range
- RL Reporting Limit
 - it

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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 S	olutions	Cli	ent Sample ID): CS	52-1'	
Project:	DEV 19 008		C	Collection Date	: 8/2	21/2023 12:00:00 PM	
Lab ID:	2308D09-005	Matrix: SOIL		Received Date	e: 8/2	24/2023 7:25:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA ME	THOD 300.0: ANIONS					Analyst	: JMT
Chloride		ND	60	mg/Kg	20	8/29/2023 11:47:18 PM	77178
EPA ME	THOD 8015M/D: DIESEL R	ANGE ORGANICS				Analyst	: DGH
Diesel R	ange Organics (DRO)	ND	9.5	mg/Kg	1	8/29/2023 4:12:59 PM	77158
Motor Oi	I Range Organics (MRO)	ND	48	mg/Kg	1	8/29/2023 4:12:59 PM	77158
Surr: I	DNOP	78.1	69-147	%Rec	1	8/29/2023 4:12:59 PM	77158
EPA ME	THOD 8015D: GASOLINE I	RANGE				Analyst	: KMN
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	9/1/2023 12:56:00 AM	77152
Surr: E	BFB	97.4	15-244	%Rec	1	9/1/2023 12:56:00 AM	77152
EPA ME	THOD 8021B: VOLATILES					Analyst	: KMN
Benzene	9	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
Ethylben	zene	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

Date Reported: 9/8/2023

CLIENT: Safety & I	Environmental Solution	ons	Cli	ent Sample II	D: CS	2-2'	
Project: DEV 19 0	08		(Collection Dat	e: 8/2	21/2023 12:00:00 PM	
Lab ID: 2308D09-	006	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 11:59:43 PM	77178
EPA METHOD 8015	M/D: DIESEL RANG	E ORGANICS				Analyst	DGH
Diesel Range Organic	s (DRO)	ND	9.2	mg/Kg	1	8/29/2023 4:23:50 PM	77158
Motor Oil Range Orga	nics (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 8015	D: GASOLINE RANG	GE				Analyst	: KMN
Gasoline Range Orga	nics (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 8021	B: 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

ND

90.6

0.098

39.1-146

mg/Kg

%Rec

1

1

9/1/2023 1:18:00 AM

9/1/2023 1:18:00 AM

77152

77152

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

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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 METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	ND	60	mg/Kg	20	8/30/2023 12:12:08 AM	77178
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	DGH
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	8/29/2023 4:34:40 PM	77158
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	8/29/2023 4:34:40 PM	77158
Surr: DNOP	82.6	69-147	%Rec	1	8/29/2023 4:34:40 PM	77158
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst	KMN
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	9/1/2023 1:40:00 AM	77152
Surr: BFB	97.2	15-244	%Rec	1	9/1/2023 1:40:00 AM	77152
EPA METHOD 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
Ethylbenzene	ND	0.050	mg/Kg	1	9/1/2023 1:40:00 AM	77152
Xylenes, Total	ND	0.10	mg/Kg	1	9/1/2023 1:40:00 AM	77152
Surr: 4-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 Sample pH Not In Range
- Р 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 Solu	utions	Clier	nt Sample II): CS	3-1'	
Project: DEV 19 008		Co	llection Date	e: 8/2	21/2023 12:15:00 PM	
Lab ID: 2308D09-008	Matrix: SOIL	R	eceived Date	e: 8/2	24/2023 7:25:00 AM	
Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	: JMT
Chloride	ND	60	mg/Kg	20	8/30/2023 12:24:32 AM	77178
EPA METHOD 8015M/D: DIESEL RAN	IGE ORGANICS				Analys	: 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 RA	NGE				Analys	: 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					Analys	: 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

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

1

%Rec

9/1/2023 2:02:00 AM

77152

- 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 Solution	ons	Clier	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 Q	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: ЈМТ
Chloride	170	60	mg/Kg	20	8/30/2023 12:36:56 AM	77178
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	: DGH
Diesel Range 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: DNOP	75.7	69-147	%Rec	1	8/29/2023 4:56:17 PM	77158
EPA METHOD 8015D: GASOLINE RANG	GE				Analyst	KMN
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/1/2023 2:23:00 AM	77152
Surr: BFB	96.7	15-244	%Rec	1	9/1/2023 2:23:00 AM	77152
EPA METHOD 8021B: VOLATILES					Analyst	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
Ethylbenzene	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		(Collection Dat	e: 8/2	21/2023 12:30:00 PM			
Lab ID:	2308D09-010	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					Analyst	: JMT		
Chloride	9	ND	60	mg/Kg	20	8/30/2023 12:49:21 AM	77178		
EPA ME	THOD 8015M/D: DIESEL R	ANGE ORGANICS				Analyst	: DGH		
Diesel R	ange Organics (DRO)	ND	10	mg/Kg	1	8/30/2023 2:00:07 AM	77167		
Motor O	il 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 ME	THOD 8015D: GASOLINE	RANGE				Analyst	: KMN		
Gasoline	e 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 ME	THOD 8021B: VOLATILES					Analyst	: KMN		
Benzene	9	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		
Ethylber	nzene	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 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

9/1/2023 4:55:00 AM

77164

CLIENT:	Safety & Environmental S	olutions	Cli	ent Sample II): CS	54-1'	
Project:	DEV 19 008		(Collection Date	e: 8/2	21/2023 12:30:00 PM	
Lab ID:	2308D09-011	Matrix: SOIL		Received Date	e: 8/2	24/2023 7:25:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA ME	THOD 300.0: ANIONS					Analysi	t: JMT
Chloride		ND	60	mg/Kg	20	8/30/2023 1:01:45 AM	77178
EPA ME	THOD 8015M/D: DIESEL R	ANGE ORGANICS				Analyst	t: DGH
Diesel R	ange Organics (DRO)	ND	9.4	mg/Kg	1	8/30/2023 2:33:07 AM	77167
Motor Oi	I Range Organics (MRO)	ND	47	mg/Kg	1	8/30/2023 2:33:07 AM	77167
Surr: I	DNOP	94.7	69-147	%Rec	1	8/30/2023 2:33:07 AM	77167
EPA ME	THOD 8015D: GASOLINE F	RANGE				Analyst	t: KMN
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	9/1/2023 4:55:00 AM	77164
Surr: E	BFB	99.0	15-244	%Rec	1	9/1/2023 4:55:00 AM	77164
EPA ME	THOD 8021B: VOLATILES					Analyst	t: KMN
Benzene	1	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
Ethylben	zene	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	Solutions	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 ME	THOD 300.0: ANIONS					Analyst	: ЈМТ
Chloride		60	60	mg/Kg	20	8/30/2023 10:26:32 AM	77188
EPA ME	THOD 8015M/D: DIESEL	RANGE ORGANICS				Analyst	DGH
Diesel R	ange Organics (DRO)	ND	10	mg/Kg	1	8/30/2023 2:44:02 AM	77167
Motor Oi	I 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 ME	THOD 8015D: GASOLINE	RANGE				Analyst	: KMN
Gasoline	Range Organics (GRO)	ND	5.0	mg/Kg	1	9/1/2023 6:00:00 AM	77164
Surr: E	BFB	92.1	15-244	%Rec	1	9/1/2023 6:00:00 AM	77164
EPA ME	THOD 8021B: VOLATILES	6				Analyst	: 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
Ethylben	zene	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	1-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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Analytical Report Lab Order 2308D09

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 9/8/2023

CLIENT:	CLIENT: Safety & Environmental Solutions			Client Sample ID: CS5-Surface					
Project:	DEV 19 008	Collection Date: 8/21/2023 12:45:00 PM							
Lab ID:	2308D09-013	Matrix: SOIL		Received Dat	e: 8/2	24/2023 7:25:00 AM			
Analyses	3	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 11:03:46 AM	77188		
EPA ME	THOD 8015M/D: DIESEL RANGE	ORGANICS				Analys	t: DGH		
Diesel R	ange Organics (DRO)	ND	9.4	mg/Kg	1	8/30/2023 2:54:59 AM	77167		
Motor Oi	il Range Organics (MRO)	ND	47	mg/Kg	1	8/30/2023 2:54:59 AM	77167		
Surr: I	DNOP	96.2	69-147	%Rec	1	8/30/2023 2:54:59 AM	77167		
EPA ME	THOD 8015D: GASOLINE RANG	E				Analys	t: KMN		
Gasoline	e Range Organics (GRO)	ND	4.8	mg/Kg	1	9/1/2023 6:22:00 AM	77164		
Surr: I	BFB	96.6	15-244	%Rec	1	9/1/2023 6:22:00 AM	77164		
EPA ME	THOD 8021B: VOLATILES					Analys	t: KMN		
Benzene	9	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		
Ethylben	izene	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	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
- JAnalyte detected below quantitation limitsPSample pH Not In Range
- P Sample pH Not l 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	Solutions	Cli	ient Sample II	D: CS	\$5-1'	
Project:	DEV 19 008		(Collection Dat	e: 8/2	21/2023 12:45:00 PM	
Lab ID:	2308D09-014	Matrix: SOIL		Received Dat	e: 8/2	24/2023 7:25:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA ME	THOD 300.0: ANIONS					Analysi	t: JMT
Chloride		ND	60	mg/Kg	20	8/30/2023 11:16:11 AM	77188
EPA ME	THOD 8015M/D: DIESEL F	RANGE ORGANICS				Analyst	:: DGH
Diesel R	ange Organics (DRO)	ND	9.4	mg/Kg	1	8/30/2023 3:05:51 AM	77167
Motor Oi	I Range Organics (MRO)	ND	47	mg/Kg	1	8/30/2023 3:05:51 AM	77167
Surr: I	ONOP	95.3	69-147	%Rec	1	8/30/2023 3:05:51 AM	77167
EPA ME	THOD 8015D: GASOLINE	RANGE				Analyst	:: KMN
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	9/1/2023 6:51:00 PM	77164
Surr: E	BFB	97.3	15-244	%Rec	1	9/1/2023 6:51:00 PM	77164
EPA ME	THOD 8021B: VOLATILES	6				Analyst	:: KMN
Benzene	1	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
Ethylben	zene	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
Surr: 4	1-Bromofluorobenzene	90.8	39.1-146	%Rec	1	9/1/2023 6:51:00 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
- 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

9/1/2023 7:13:00 PM

%Rec 1

77164

CLIENT	: Safety & Environmental S	Solutions	Client Sample ID: CS5-2'					
Project:	DEV 19 008		0	Collection Date	e: 8/2	21/2023 12:45:00 PM		
Lab ID:	2308D09-015	Matrix: SOIL		Received Date	e: 8/2	24/2023 7:25:00 AM		
Analyses	5	Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA ME	THOD 300.0: ANIONS					Analyst	: ЈМТ	
Chloride		ND	60	mg/Kg	20	8/30/2023 12:18:14 PM	77188	
EPA ME	THOD 8015M/D: DIESEL R	ANGE ORGANICS				Analyst	: DGH	
Diesel R	ange Organics (DRO)	ND	9.8	mg/Kg	1	8/30/2023 3:16:41 AM	77167	
Motor O	il 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				Analyst	KMN	
Gasoline	e Range Organics (GRO)	ND	4.7	mg/Kg	1	9/1/2023 7:13:00 PM	77164	
Surr:	BFB	97.9	15-244	%Rec	1	9/1/2023 7:13:00 PM	77164	
EPA ME	THOD 8021B: VOLATILES					Analyst	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	
Ethylber	izene	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

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 RAN	GE 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 RAM	IGE				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 ValueJ Analyte detected below quantitation limits
- P 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 7:57:00 PM

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CLIENT:	Safety & Environmental S	Solutions	Clie	ent Sample II	D: CS	66-1'	
Project:	DEV 19 008		С	ollection Dat	e: 8/2	21/2023 1:00:00 PM	
Lab ID:	2308D09-017	Matrix: SOIL]	Received Dat	e: 8/2	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 12:43:04 PM	77188
EPA ME	THOD 8015M/D: DIESEL R	ANGE ORGANICS				Analys	t: DGH
Diesel R	ange Organics (DRO)	ND	9.1	mg/Kg	1	8/31/2023 3:12:39 PM	77167
Motor Oi	I Range Organics (MRO)	ND	45	mg/Kg	1	8/31/2023 3:12:39 PM	77167
Surr: I	DNOP	113	69-147	%Rec	1	8/31/2023 3:12:39 PM	77167
EPA ME	THOD 8015D: GASOLINE	RANGE				Analys	t: KMN
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	9/1/2023 7:57:00 PM	77164
Surr: E	BFB	96.7	15-244	%Rec	1	9/1/2023 7:57:00 PM	77164
EPA ME	THOD 8021B: VOLATILES					Analys	t: KMN

PA METHOD 8021B: VOLATILES				
Benzene	ND	0.025	mg/Kg	1
Toluene	ND	0.049	mg/Kg	1
Ethylbenzene	ND	0.049	mg/Kg	1
Xylenes, Total	ND	0.098	mg/Kg	1
Surr: 4-Bromofluorobenzene	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
- 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

CLIENT:	Safety & Environmental Sol	utions	Clie	nt Sample II	D: CS	6-2'			
Project:	DEV 19 008		Co	ollection Dat	e: 8/2	21/2023 1:00:00 PM			
Lab ID:	2308D09-018	Matrix: SOIL	atrix: SOIL Received Date: 8/24/2023 7:25:00 AM						
Analyses		Result	RL (Qual Units	DF	Date Analyzed	Batch		
EPA ME	THOD 300.0: ANIONS					Analyst	: ЈМТ		
Chloride		ND	60	mg/Kg	20	8/30/2023 12:55:28 PM	77188		
EPA ME	THOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst	: DGH		
Diesel R	ange Organics (DRO)	ND	9.6	mg/Kg	1	8/31/2023 3:38:20 PM	77167		
Motor Oi	I Range Organics (MRO)	ND	48	mg/Kg	1	8/31/2023 3:38:20 PM	77167		
Surr: I	ONOP	116	69-147	%Rec	1	8/31/2023 3:38:20 PM	77167		
EPA ME	THOD 8015D: GASOLINE RA	ANGE				Analyst	: KMN		
Gasoline	Range Organics (GRO)	ND	4.6	mg/Kg	1	9/1/2023 8:41:00 PM	77164		

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: KMN
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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 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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Client:	Safety	& 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 Unit	ः mg/Kg	
Analyte		Result PQL SPK valu	e SPK Ref Val %REC LowLimit Hig	JhLimit %RPD R	PDLimit Qual
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 Unit	ः mg/Kg	
Analyte		Result PQL SPK valu	e SPK Ref Val %REC LowLimit Hig	JhLimit %RPD R	PDLimit Qual
Chloride		15 1.5 15.0	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 Unit	ः mg/Kg	
Analyte		Result PQL SPK valu	e SPK Ref Val %REC LowLimit Hig	JhLimit %RPD R	PDLimit Qual
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 Unit	ः mg/Kg	
Analyte		Result PQL SPK valu	e SPK Ref Val %REC LowLimit Hig	JhLimit %RPD R	PDLimit Qual
Chloride		14 1.5 15.0	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

Client: Project:	Safety & F DEV 19 0	Environme 08	ental So	olutions							
Sample ID:	2308D09-003AMS	SampT	ype: MS	6	Tes	stCode: Ef	PA Method	8015M/D: Die	sel Range	Organics	
Client ID:	CS1-2'	Batch	ID: 77	158	F	RunNo: 9 9	9274				
Prep Date:	8/29/2023	Analysis D	ate: 8/	29/2023	:	SeqNo: 3	623842	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range	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	stCode: Ef	PA Method	8015M/D: Die	sel Range	Organics	
Client ID:	CS1-2'	Batch	ID: 77	158	F	RunNo: 9 9	9274				
Prep Date:	8/29/2023	Analysis D	ate: 8/	29/2023	:	SeqNo: 30	623843	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range	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	ype: MS	6	Tes	stCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID:	CS4-Surface	Batch	ID: 77	167	F	RunNo: 9 9	9274				
Prep Date:	8/29/2023	Analysis D	ate: 8/	30/2023	:	SeqNo: 30	623851	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range	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	pe: MS	D	Tes	stCode: El	PA Method	8015M/D: Die	sel Range	Organics	
Client ID:	CS4-Surface	Batch	ID: 77	167	F	RunNo: 9 9	9274				
Prep Date:	8/29/2023	Analysis D	ate: 8/	30/2023	:	SeqNo: 3	623852	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range	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	SampT	ype: LC	S	Tes	stCode: E	PA Method	8015M/D: Die	sel Range	Organics	
Client ID:	LCSS	Batch	ID: 77	158	F	RunNo: 9 9	9274				
Prep Date:	8/29/2023	Analysis D	ate: 8/	29/2023	:	SeqNo: 3	623886	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range	Organics (DRO)	46	10	50.00	0	91.5	61.9	130			
Surr: DNOP)	3.9		5.000		78.6	69	147			
Sample ID:	LCS-77167	SampT	ype: LC	S	Tes	stCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID:	LCSS	Batch	ID: 77	167	F	RunNo: 9 9	9274				
Prep Date:	8/29/2023	Analysis D	ate: 8/	30/2023	:	SeqNo: 30	623887	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	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

2308D09

08-Sep-23

Client: Project:	Safety & DEV 19 (Environn)08	nental So	olutions							
Sample ID:	LCS-77167	Samp	Туре: LC	S	Tes	tCode: E	PA Method	8015M/D: Die	sel Range	Organics	
Client ID:	LCSS	Batc	h ID: 77	167	F	RunNo: 9	9274				
Prep Date:	8/29/2023	Analysis I	Date: 8/	30/2023	S	SeqNo: 3	623887	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	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	Samp	Туре: МЕ	BLK	Tes	tCode: E	PA Method	8015M/D: Die	sel Range	Organics	
Client ID:	PBS	Batc	h ID: 77	157	F	RunNo: 9	9274				
Prep Date:	8/29/2023	Analysis I	Date: 8/	29/2023	5	SeqNo: 3	623888	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Organics (DRO)	ND	10								
Motor Oil Rang	e Organics (MRO)	ND	50								
Surr: DNOP		10		10.00		104	69	147			
Sample ID:	MB-77158	Samp	Туре: МЕ	BLK	Tes	tCode: E	PA Method	8015M/D: Die	sel Range	Organics	
Client ID:	PBS	Batc	h ID: 77	158	F	RunNo: 9	9274				
Prep Date:	8/29/2023	Analysis I	Date: 8/	29/2023	S	SeqNo: 3	623889	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Organics (DRO)	ND	10								
Motor Oil Rang	e Organics (MRO)	ND	50	10.00				=			
Surr: DNOP		7.7		10.00		76.6	69	147			
Sample ID:	MB-77167	Samp	Туре: МЕ	BLK	Tes	tCode: E	PA Method	8015M/D: Die	sel Range	Organics	
Client ID:	PBS	Batc	h ID: 77	167	F	RunNo: 9	9274				
Prep Date:	8/29/2023	Analysis I	Date: 8/	30/2023	Ş	SeqNo: 3	623890	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Organics (DRO)	ND	10								
Motor Oil Rang	e Organics (MRO)	ND	50								
Surr: DNOP		10		10.00		101	69	147			
Sample ID:	LCS-77157	Samp	Type: LC	S	Tes	tCode: E	PA Method	8015M/D: Die	sel Range	Organics	
Client ID:	LCSS	Batc	h ID: 77	157	F	RunNo: 9	9363				
Prep Date:	8/29/2023	Analysis I	Date: 8/	31/2023	Ś	SeqNo: 3	625852	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	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

Client: Project:	Safety & I DEV 19 0	Environme 08	ntal Sc	olutions							
Sample ID:	lcs-77152	SampT	ype: LC	S	Tes	stCode: El	PA Method	8015D: Gaso	line Range		
Client ID:	LCSS	Batch	ID: 771	152	F	RunNo: 9 9	9356				
Prep Date:	8/28/2023	Analysis D	ate: 8/ :	31/2023	\$	SeqNo: 3	626269	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang Surr: BFB	je Organics (GRO)	22 2100	5.0	25.00 1000	0	88.3 206	70 15	130 244			
Sample ID:	mb-77152	SampT	ype: ME	BLK	Tes	stCode: EF	PA Method	8015D: Gaso	line Range		
Client ID:	PBS	Batch	ID: 771	152	F	RunNo: 9 9	9356				
Prep Date:	8/28/2023	Analysis D	ate: 8/ 3	31/2023	Ş	SeqNo: 30	626270	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang Surr: BFB	je Organics (GRO)	ND 980	5.0	1000		98.2	15	244			
Sample ID:	lcs-77164	SampT	ype: LC	S	Tes	stCode: E	PA Method	8015D: Gaso	line Range		
Client ID:	LCSS	Batch	ID: 771	164	F	RunNo: 9 9	9374				
Prep Date:	8/29/2023	Analysis D	ate: 9/ *	1/2023	\$	SeqNo: 3	628001	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang Surr: BFB	je Organics (GRO)	21 2000	5.0	25.00 1000	0	84.8 198	70 15	130 244			
Sample ID:	mb-77164	SampT	ype: ME	BLK	Tes	stCode: EF	PA Method	8015D: Gaso	line Range		
Client ID:	PBS	Batch	ID: 771	164	F	RunNo: 9 9	9374				
Prep Date:	8/29/2023	Analysis D	ate: 9/ *	1/2023	S	SeqNo: 30	628002	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	ge Organics (GRO)	ND	5.0	4000			45				
Surr: BFB		990		1000		98.6	15	244			
Sample ID:	2308D09-010ams	SampT	ype: MS	5	Tes	stCode: EF	PA Method	8015D: Gaso	line Range		
Client ID:	CS4-Surface	Batch	ID: 771	164	F	RunNo: 9 9	9374				
Prep Date:	8/29/2023	Analysis D	ate: 9/*	1/2023	\$	SeqNo: 3	628004	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang Surr: BFB	ge Organics (GRO)	21 1900	4.7	23.61 944.3	0	87.7 200	70 15	130 244			
Sample ID:	2308D09-010amsd	SampT	ype: MS	D	Tes	stCode: EF	PA Method	8015D: Gaso	line Range		
Client ID:	CS4-Surface	Batch	ID: 771	164	F	RunNo: 9 9	9374				
Prep Date:	8/29/2023	Analysis D	ate: 9/ *	1/2023	Ş	SeqNo: 30	628005	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	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

2308D09

08-Sep-23

Client: Project:	Safety & F DEV 19 0	Environme 08	ntal S	olutions							
Sample ID:	2308D09-010amsd	SampTy	pe: M	SD	Tes	tCode: EF	A Method	8015D: Gaso	line Range		
Client ID:	CS4-Surface	Batch	D: 77	/164	F	RunNo: 9 9	374				
Prep Date:	8/29/2023	Analysis Da	te: 9	/1/2023	5	SeqNo: 36	628005	Units: mg/K	ζg		
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:

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- D Sample Diluted Due to Matrix
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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

Client: Safet	y & Environm	ental So	olutions							
Project: DEV	19 008									
Sample ID: Ics-77152	Samp	Туре: LC	S	Tes	tCode: El	PA Method	8021B: Volati	les		
Client ID: LCSS	Batc	h ID: 77 1	152	F	RunNo: 9	9356				
Prep Date: 8/28/2023	Analysis [Date: 8/ 3	31/2023	S	SeqNo: 3	626271	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-Bromofluorobenzene	0.93		1.000		92.6	39.1	146			
Sample ID: mb-77152	Samp	Туре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Volati	les		
Client ID: PBS	Batc	h ID: 77 1	152	F	RunNo: 9	9356				
Prep Date: 8/28/2023	Analysis [Date: 8/ 3	31/2023	S	SeqNo: 3	626272	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.91		1.000		90.7	39.1	146			
Sample ID: Ics-77164	Samp	Type: LC	S	Tes	tCode: El	PA Method	8021B: Volati	les		
Client ID: LCSS	Batc	h ID: 77 1	164	F	RunNo: 9	9374				
Prep Date: 8/29/2023	Analysis [Date: 9/	1/2023	S	SeqNo: 3	628033	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-Bromofluorobenzene	0.94		1.000		94.3	39.1	146			
Sample ID: mb-77164	Samp	Туре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Volati	les		
Client ID: PBS	Batc	h ID: 77 1	164	F	RunNo: 9	9374				
Prep Date: 8/29/2023	Analysis [Date: 9/ *	1/2023	S	SeqNo: 3	628034	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.90		1.000		90.5	39.1	146			

Qualifiers:

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- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
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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:	Safety & I	Environm	iental So	olutions							
Project:	DEV 19 0	008									
Sample ID:	2308D09-011ams	Samp	Туре: МS	;	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID:	CS4-1'	Batc	h ID: 771	164	F	RunNo: 9 9	9374				
Prep Date:	8/29/2023	Analysis I	Date: 9/ *	1/2023	S	SeqNo: 3	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			
Xylenes, Total		2.7	0.098	2.927	0	92.7	70	130			
Surr: 4-Brom	ofluorobenzene	0.90		0.9756		92.4	39.1	146			
Sample ID:	2308D09-011amsd	Samp	Type: MS	D	Tes	tCode: Ef	PA Method	8021B: Volat	iles		
Client ID:	CS4-1'	Batc	h ID: 771	164	F	RunNo: 9 9	9374				
Prep Date:	8/29/2023	Analysis I	Date: 9/ *	1/2023	S	SeqNo: 3	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	
Surr: 4-Brom	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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- 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	Analysis Labora 4901 Hawkins uquerque, NM 87 FAX: 505-345-4 illenvironmental.	NE 109 San 107 com	nple Log-In Che	eck List
Client Name: Safety & Environment Solutions	tal 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: 8-24-23		·			
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 sar	nples?	Yes 🔽	No 🗌		
4. Were all samples received at a temper	erature of >0° C to 6.0°C	Yes 🔽	No 🗌	NA 🗔	
5. Sample(s) in proper container(s)?		Yes 🔽	No 🗌		
6. Sufficient sample volume for indicated	d test(s)?	Yes 🗹	No 🗌		
7. Are samples (except VOA and ONG)	properly preserved?	Yes 🔽	No 🗌		
8. Was preservative added to bottles?		Yes	No 🗹	NA 🗌	
9. Received at least 1 vial with headspace	ce <1/4" for AQ VOA?	Yes	No 🗌	NA 🔽	
10, Were any sample containers received	d broken?	Yes	No 🔽	# of preserved	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custo	dy)	Yes 🗹	No 🗌	bottles checked for pH: (<2 or >12	unless noted)
12. Are matrices correctly identified on Ch	nain of Custody?	Yes 🗹	No 🗌	Adjusted?	
13°_{\circ} Is it clear what analyses were request	ed?	Yes 🔽	No 🗌	150	M 8/24/23
14. Were all holding times able to be met (If no, notify customer for authorization	? n.)	Yes 🗹	No 🗌	Checked by	11 0/01/07
Special Handling (if applicable)					
15. Was client notified of all discrepancie	s with this order?	Yes	No 🗌	NA 🗹	
Person Notified:	Date:				
By Whom:	Via:	eMail 🔄 Ph	ione 🗌 Fax	In Person	
Regarding:				for the new state and a second state	
Client Instructions:					
16. Additional remarks:					
17. <u>Cooler Information</u> Cooler No Temp °C Conditio 1 4.8 Good	n Seal Intact Seal No S Yes Yogi	eal Date	Signed 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 VIDAI 51 (Dau 15 HEAL No. 2308009 nAB-103343404 (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 N.M.MMMMMM 76 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 2002 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 S 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 21:21 22/12/ EDD (Type) Date Time Time: Accreditation: Time: Standard D NELAC 12/23 121/23

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Released to maging: Physical of an even with the subcontracted to attack direction laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

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

Page 3

Oil Conservation Division

	Page 121 of 12	3
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?	(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
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 OC	D: 11/3/2023 10:28:32 AM			Page 122 of 125
FOIIII C-141			Incident ID	nAB1633633401
Page 4	Oil Conservation Division	1	District RP	2RP-4009
			Facility ID	
			Application ID	
regulations all public health o failed to adequ addition, OCD and/or regulation Printed Name Signature:	Dale Woodall Dale Woodall Bale Woodall Dale Woodall Dale Woodall Dale Woodall	otifications and perform co e OCD does not relieve the hreat to groundwater, surfa of responsibility for comp 	operator of liability sho excewater, human health liance with any other fee ofessional 748-1838	ases which may endanger ould their operations have or the environment. In deral, state, or local laws
OCD Only Received by:		Date:		

Page 5

Oil Conservation Division

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

Incident ID	nAB1633633401
District RP	2RP-4009
Facility ID	
Application ID	

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 prodeconstruction.	oduction 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.		
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: Date Weedall			
Signature:	Date: $11/3/2023$		
email: Dale.Woodall@dvn.com	Telephone: <u>575-748-1838</u>		
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	
I hereby certify that the information given above is true and compl 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 Signature: Dale Woodall email: Dale.Woodall@dvn.com	tete to the best of my knowledge and understand that pursuant to OCD rules ain release notifications and perform corrective actions for releases which of a C-141 report by the OCD does not relieve the operator of liability emediate contamination that pose a threat to groundwater, surface water, f a C-141 report does not relieve the operator of responsibility for lations. The responsible party acknowledges they must substantially conditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete. Title: EHS Professional
OCD Only	
Received by:	Date:
Closure approval by the OCD does not relieve the responsible part remediate contamination that poses a threat to groundwater, surface party of compliance with any other federal, state, or local laws and	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