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

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NAPP2201043390
District RP	Part Cont
Facility ID	
Application ID	

### **Release Notification**

			Res	ponsible Par	ty		
Responsible	Party Opal	Operating Compa	ny LLC	OGRID	330887		
Contact Nam	ne Craig Jo	hnson		Contact '	Telephone 405-84	9-5606	
Contact email cjohnson@opalnaturalresources.com				Incident	#nAPP2201043390	VI 1811 VI 1811 18 1811	
Contact mail Oklahoma C		4811 Gaillardia P 142	arkway, Suite 10	00,			
			Location	n of Release S	Source		
Latitude 33	.469808		(NAD 83 in d	Longitude lecimal degrees to 5 dec	-103.6394882 cimal places)		
Site Name N	Aescalero A	RL State #2		Site Type	e Well Location	111 M 111 M 111 M 111 M 1	
Date Release	Discovered	01/02/2022		API#30-0	API#30-025-37039		
Unit Letter	Section	Township	Range	Co	unty		
Onit Letter	2	10S	32E	Lea	diffy		
Surface Owne			Nature an	(Name:		llumes provided below)	
Crude Oi		Volume Release	d (bbls) 4	on calculations of specif	Volume Recove	red (bbls) 1	
☐ Produced	Water	Volume Release	d (bbls) 10		Volume Recovered (bbls) 1		
Is the concentration of dissolved chloriproduced water >10,000 mg/l?		chloride in the	⊠ Yes □ No				
Condensa	ite	Volume Release			Volume Recove	ered (bbls)	
☐ Natural C	ias	Volume Release	d (Mcf)		Volume Recove	ered (Mcf)	
Other (de	escribe)	Volume/Weight	Released (provi	de units)	Volume/Weight	Recovered (provide units)	

Released to Imaging: 6/13/2022 11:33:52 AM

Flow-line freeze caused poly line to split.

Cause of Release

	Page 2 of a
Incident ID	NAPP2201043390
District RP	1 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the respons	sible party consider this a major release?
☐ Yes ☒ No		
If YES, was immediate no	otice given to the OCD? By whom? To who	om? When and by what means (phone, email, etc)?
	Initial Re	sponse
The responsible p	party must undertake the following actions immediately	unless they could create a safety hazard that would result in injury
The source of the rele	ease has been stopped.	
10 0 50 10 10 10 10 10 10 10 10 10 10 10 10 10	s been secured to protect human health and t	he environment.
Released materials ha	we been contained via the use of berms or di	kes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed and	managed appropriately.
If all the actions described	d above have <u>not</u> been undertaken, explain w	hy:
has begun, please attach	a narrative of actions to date. If remedial e	mediation immediately after discovery of a release. If remediation fforts have been successfully completed or if the release occurred ease attach all information needed for closure evaluation.
regulations all operators are public health or the environmental to adequately investigated addition, OCD acceptance of and/or regulations.	required to report and/or file certain release notifi ment. The acceptance of a C-141 report by the OG ate and remediate contamination that pose a threa f a C-141 report does not relieve the operator of re-	est of my knowledge and understand that pursuant to OCD rules and ications and perform corrective actions for releases which may endanger CD does not relieve the operator of liability should their operations have it to groundwater, surface water, human health or the environment. In esponsibility for compliance with any other federal, state, or local laws
Printed Name:	ig Johnson	Title:
Signature:	ig Johnson	Date: 4/11/22
	Copalnatural recourses.com	Telephone: 405-849-5606
OCD Only		
	n Harimon	Date:06/09/2022

f New Mexico

Incident ID NAPP2201043390
District RP
Facility ID
Application ID

### Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	(ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ⊠ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ⊠ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ⊠ No
Did the release impact areas <b>not</b> 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 ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	rtical extents of soil
Characterization Report Checklist: Each of the following items must be included in the report.	
<ul> <li>Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring well Field data</li> <li>□ Data table of soil contaminant concentration data</li> <li>□ Depth to water determination</li> <li>□ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release</li> <li>□ Boring or excavation logs</li> <li>□ Photographs including date and GIS information</li> <li>□ Topographic/Aerial maps</li> <li>□ Laboratory data including chain of custody</li> </ul>	ls.

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: 4/15/2022 12:39:13 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

Incident ID NAPP2201043390
District RP
Facility ID
Application ID

I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release not public health or the environment. The acceptance of a C-141 report by the C failed to adequately investigate and remediate contamination that pose a threaddition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	offications and perform corrective actions for releases which may endanger of DCD does not relieve the operator of liability should their operations have to groundwater, surface water, human health or the environment. In
Printed Name: Craig Johnson Signature: Craig Johnson	Title: <u>Manages</u> Date: 4/11/22
email: Cjohnson@opalnaturalresources.com	
OCD Only	
Received by:	Date:

Page 5 of 45

Incident ID NAPP2201043390
District RP
Facility ID
Application ID

### **Remediation Plan**

Remediation Plan Checklist: Each of the following items must be included in the plan.	1 1
<ul> <li>Detailed description of proposed remediation technique</li> <li>Scaled sitemap with GPS coordinates showing delineation points</li> <li>Estimated volume of material to be remediated</li> <li>Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC</li> <li>Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)</li> </ul>	
Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.	
Contamination must be in areas immediately under or around production equipment where remediation could cause a major deconstruction.	facility
Extents of contamination must be fully delineated.	001. 1 5
Contamination does not cause an imminent risk to human health, the environment, or groundwater.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operational liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwas 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: Cracy Johnson Title: Manager Date: 4/1//22  Signature: Date: 4/1//22  Email: Cjohnson Copalnatural resources. Com Telephone: 405-849-5606	r releases tor of iter,
OCD Only	
Received by: Date:	
Approved	1 6 5 L
Signature: Date:	

Received by OCD: 4/15/2022 12:39:13 PM Form C-141 State of New Mexico Page 6 Oil Conservation Division

Incident ID
District RP
Facility ID
Application ID

### Closure

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

Closure Report Attachment Checklist: Each of the following items mus	t be included in the closure report.
☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC	
Photographs of the remediated site prior to backfill or photos of the lin must be notified 2 days prior to liner inspection)	ner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODC District	office must be notified 2 days prior to final sampling)
□ Description of remediation activities	
I hereby certify that the information given above is true and complete to the and regulations all operators are required to report and/or file certain release may endanger public health or the environment. The acceptance of a C-141 should their operations have failed to adequately investigate and remediate chuman health or the environment. In addition, OCD acceptance of a C-141 compliance with any other federal, state, or local laws and/or regulations. To restore, reclaim, and re-vegetate the impacted surface area to the conditions accordance with 19.15.29.13 NMAC including notification to the OCD when Printed Name:    Printed Name:   Title:   Date:	notifications and perform corrective actions for releases which report by the OCD does not relieve the operator of liability contamination that pose a threat to groundwater, surface water, report does not relieve the operator of responsibility for the responsible party acknowledges they must substantially that existed prior to the release or their final land use in a reclamation and re-vegetation are complete.
OCD Only	
Received by:	Date:
Closure approval by the OCD does not relieve the responsible party of liability remediate contamination that poses a threat to groundwater, surface water, hu party of compliance with any other federal, state, or local laws and/or regular	man health, or the environment nor does not relieve the responsible
Closure Approved by:	Date: _06/13/2022
Closure Approved by:	Title: Environmental Specialist A

# Opal Operating Mescalero ARL #002

# Remediation Report O-02-10S-32E Lea County, New Mexico

NAPP2201043390

**February 4, 2022** 



#### Prepared for:

Opal Operating Company LLC 4811 Gaillardia Parkway Oklahoma City, OK 73142

By:

Safety & Environmental Solutions, Inc. 703 East Clinton Street Hobbs, New Mexico 88240

#### **Company Contacts**

Representative	Company	Telephone	E-mail	
Craig Johnson	Opal Operating	405-849-5606	cjohnson@opalnaturalresources.com	
Bob Allen	SESI	575-397-0510	ballen@sesi-nm.com	

#### **Background**

Safety and Environmental Solutions, Inc., hereinafter referred to as (SESI) was contracted by Opal Operating to assess the Mescalero ARL St #2 location. This site is situated in UL O, Section 2, Township 10S and Range 32E, in Lea County New Mexico.

According to the NOR for NAPP2201043390, a production line froze and ruptured, releasing 4 bbls of oil and 10 bbls of produced water. Of this release 1bbl of oil and 1 bbl of water were recovered. This report encompasses the efforts to remediate and close out this well file.

#### **Surface and Ground Water**

According to the NMOCD Oil and Gas Map, there is no surface water within 3,000 feet of this location. Depth to groundwater determination was not successfully established based on the guidelines required by NMOCD; therefore, Opal will remediate this location according to the most stringent criteria set forth by NMOCD in NMAC 19.15.29.

#### Characterization

The location was fully delineated, which includes establishing horizontal and vertical extent of delineation to the most stringent standard of 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene.

#### Investigation

SESI personnel mapped the location and sampled the area to achieve both vertical and horizontal delineation. Samples were taken at the surface and 1-foot intervals until field testing indicated the samples would meet target levels. This project used a proprietary product (Micro Blaze) to treat the affected area. No initial soil samples were obtained, only confirmation samples were captured to ensure remediation was successful. The results of the analytical are captured in the summary table below.

Opal Operating  Mescalero ARL #2  Soil Sample Results: Hall Environmental Laboratories 1/6/22								
SAMPLE ID Chloride GRO DRO MRO Benzene Toluene Ethyl benzene Total Xylenes								
SP-1 @ 1'	270	ND	ND	ND	ND	ND	ND	ND
SP-2 @ 6"	320	ND	ND	ND	ND	ND	ND	ND
SP-3 @ 3"	ND	ND	ND	ND	ND	ND	ND	ND
SP-4 @ 3"	ND	ND	ND	ND	ND	ND	ND	ND
West Surface	ND	ND	ND	ND	ND	ND	ND	ND
East Surface	ND	ND	ND	ND	ND	ND	ND	ND
South Surface	280	ND	ND	ND	ND	ND	ND	ND
33411 3411466	1 200	1,45	.,,,,	1,45	1 ,,,,,	1 .40	1	I NE

#### Remediation

Based on the results of the field delineation, initial site visit, and the use of the Micro Blaze treatment, SESI, determined the best course of action is to use a second application of the Micro Blaze treatment. In January of 2022, contaminated material was removed by excavating the affected area, Confirmation samples were taken to ensure remediation was successful and that the vertical and horizontal extent of the location had been established.

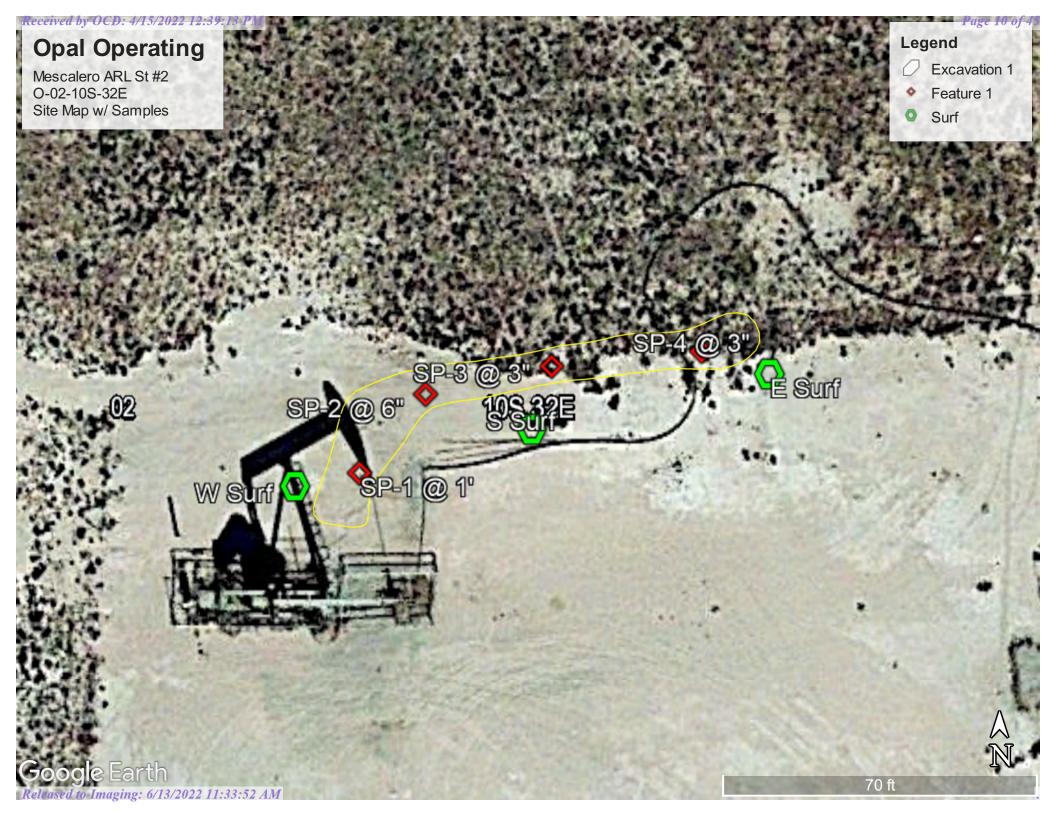
Once sample results verified both successful remediation and horizontal extent, the site was backfilled with clean soil. Pictures of the remediation are included in this report.

#### **Closure Request**

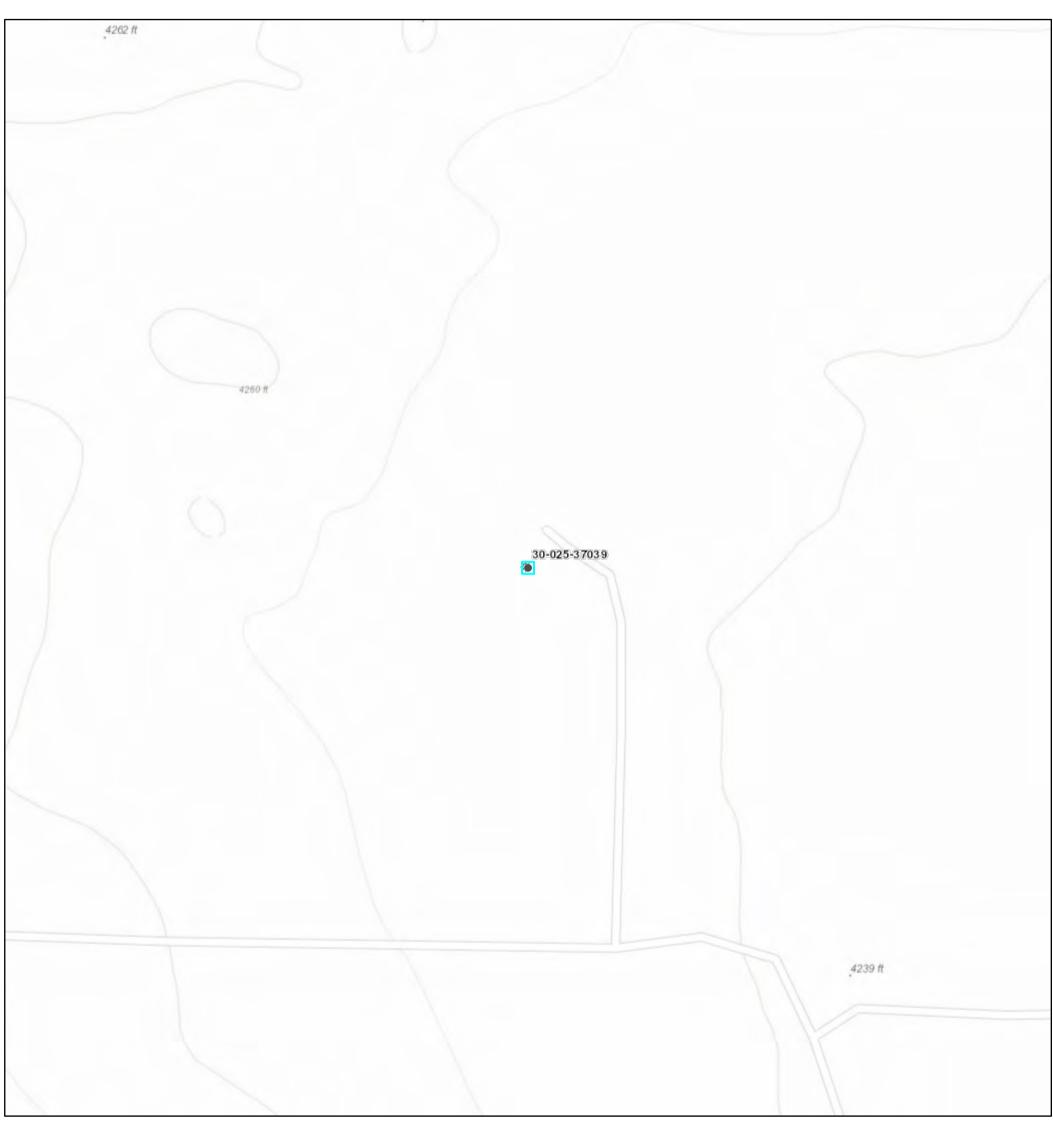
Based on the confirmation and horizontal sample results, SESI believes the location to be properly remediated according to the closure criteria set forth in Table I of the Spill Rule 19.15.29 NMAC. Therefore, SESI, on behalf of Opal Operating respectfully requests closure and release of this location. Supplemental information has been included in this report to support our closure request.

#### **Supplemental Documentation for Closure**

Map of Release with sample locations Photos of release and remediation NMOCD Oil and Gas Map BLM Cave Karst Map FEMA Floodplain Map Laboratory Analysis



# **OCD Well Locations**



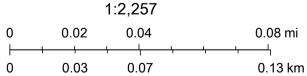
### 1/16/2022, 7:37:08 PM

Wells - Large Scale

- undefined
- Miscellaneous
- CO2, Active
- CO2, Cancelled
- CO2, New
- CO2, Plugged
- CO2, Temporarily Abandoned
- Gas, Active ఘ
- Gas, Cancelled
- 杂 Gas, New
- Gas, Plugged

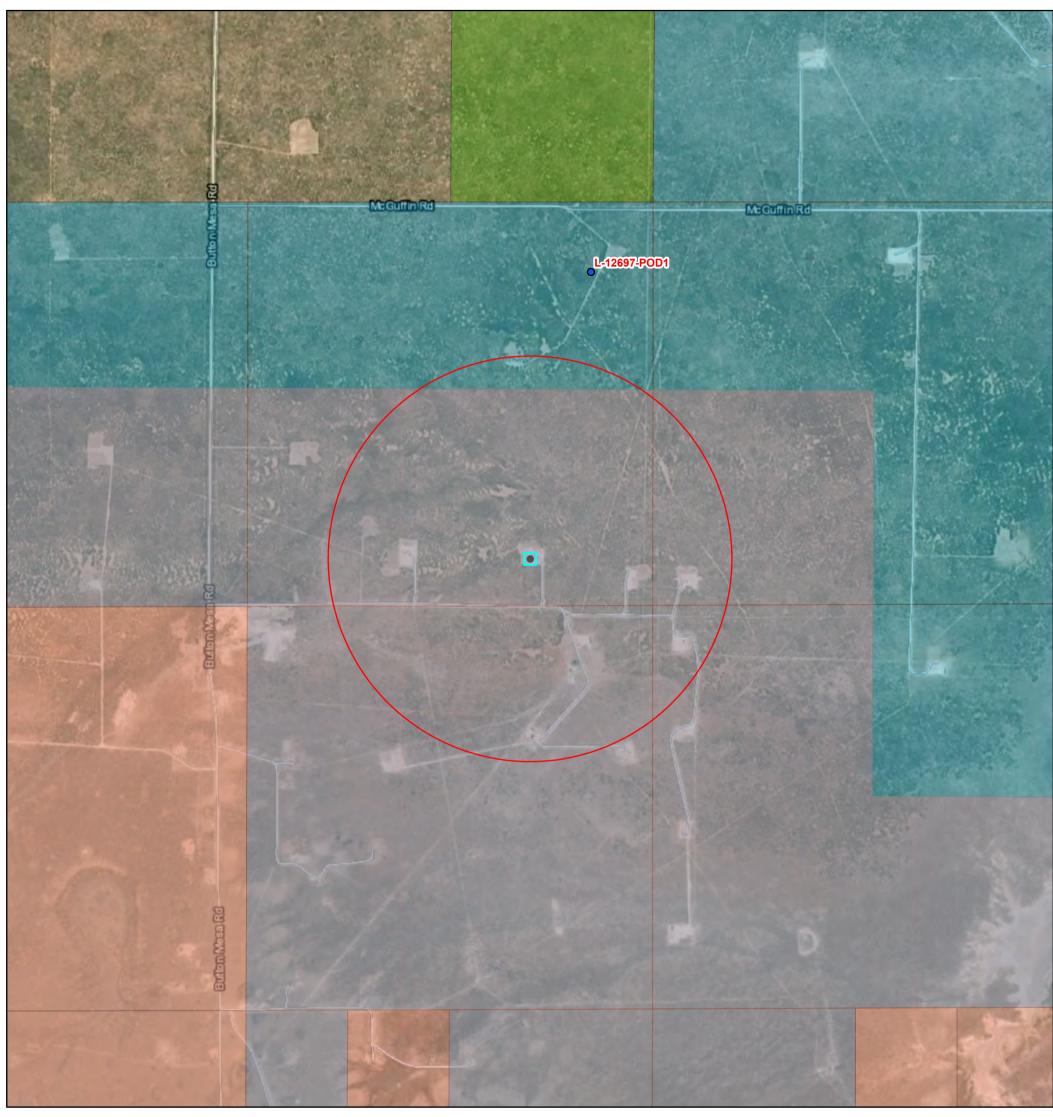
- Gas, Temporarily Abandoned
- Injection, Active
- Injection, Cancelled
- Injection, New
- Injection, Plugged
- Injection, Temporarily Abandoned
- Oil, Active
- Oil, Cancelled
- Oil, New
- Oil, Plugged
- Oil, Temporarily Abandoned

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



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

# **OSE POD Locations Map**



1/16/2022, 7:30:59 PM GIS WATERS PODs

Active

OSE District Boundary

Water Right Regulations

Critical Management Area - Guidelines

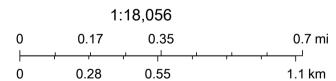
New Mexico State Trust Lands

Subsurface Estate

Surface Estate

Both Estates

SiteBoundaries



Esri, HERE, iPC, U.S. Department of Energy Office of Legacy Management, Esri, HERE, Garmin, iPC, Maxar

#### **National Water Information System: Web Interface**

**USGS Water Resources** 

	Geographic Area:		
~	New Mexico	~	GO
	<b>~</b>		

#### Click to hideNews Bulletins

- Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access real-time water data from over 13,500 stations nationwide.
- Full News 🔊

Groundwater levels for New Mexico

Click to hide state-specific text

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Important: Next Generation Monitoring Location Page

#### Site Selection Results -- 11 sites found

**Site name contains string =** 10S.32E **Minimum number of levels =** 1

Save file of selected sites to local disk for future upload

#### Data for individual sites can be obtained by selecting the site number below

Agency Site Number	Cita Number	Site Name	Period of Record			
Agency	Site Number	Site Name	Begin Date	End Date	Levels	
USGS	332348103403501	10S.32E.33.324134	1970-07-27	1996-01-31	4	
USGS	332402103420301	10S.32E.31.244242	1970-07-27	1976-03-12	3	
USGS	332439103373901	10S.32E.25.31441	1930-07-20	1996-01-31	4	
USGS	332511103415601	10S.32E.29.113212	1971-04-01	1981-02-11	2	
USGS	332524103414101	10S.32E.20.34321	1930-08-07	1930-08-07	1	
USGS	332526103413801	10S.32E.20.342331	1970-07-27	1981-02-11	4	
USGS	332619103422901	10S.32E.18.43134	1971-04-01	1981-02-10	3	
USGS	332656103414301	10S.32E.17.12310	1954-09-17	1996-01-17	7	
USGS	332658103385101	10S.32E.14.111343	1957-06-13	1996-01-31	7	
USGS	332658103392901	10S.32E.15.122344	1930-08-07	1957-06-13	2	
USGS	332658103392902	10S.32E.15.122433	1954-09-17	1981-02-11	2	

Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

Accessibility

FOIA

Privacy

Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey

Title: Groundwater levels -- 11 sites found

URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels? Released to Imaging: 0/13/2022 11:33:32 AM



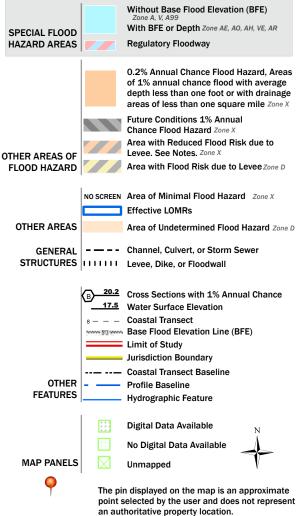
# National Flood Hazard Layer FIRMette





#### Legend

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

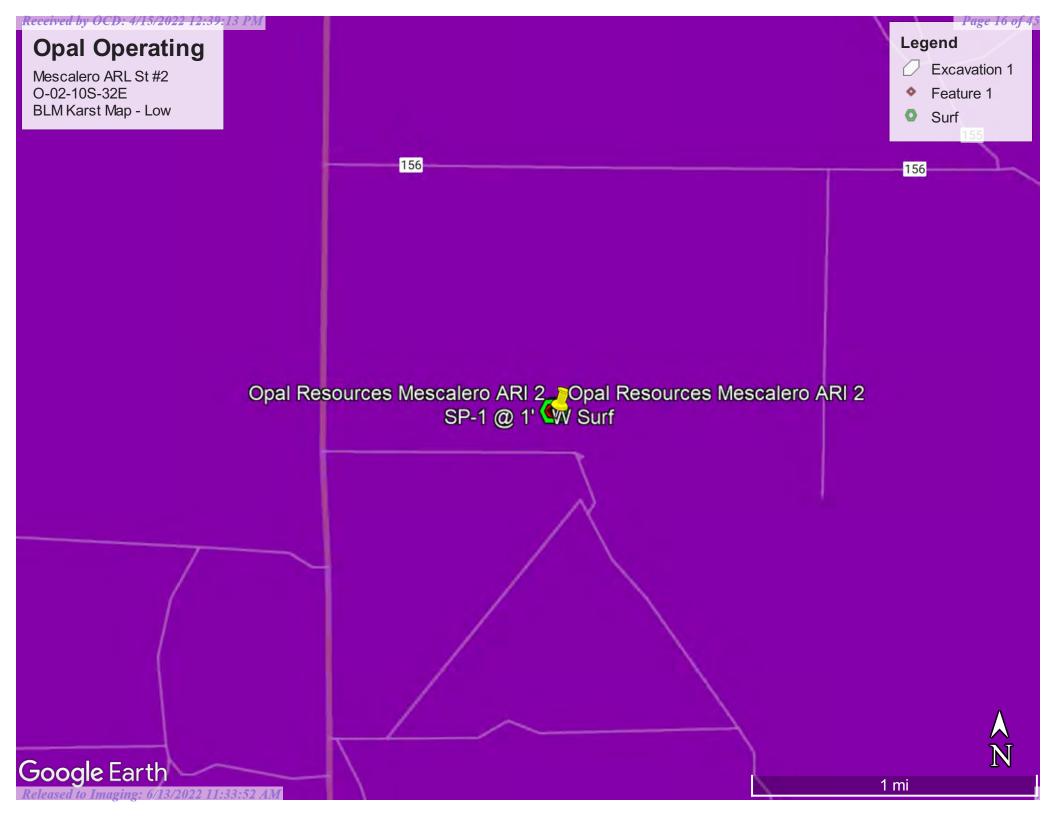


This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/16/2022 at 9:37 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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





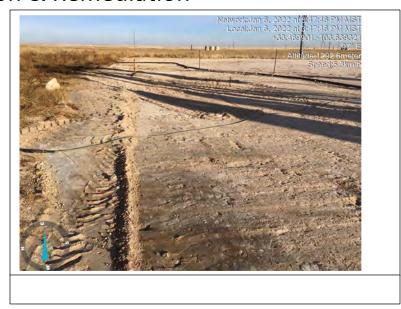


















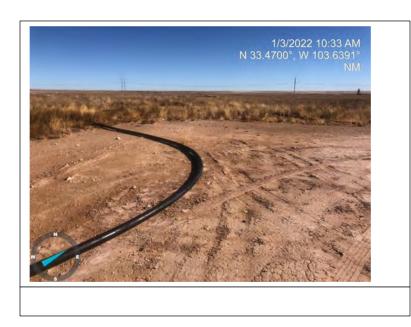




































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Opal Operating	– Mes	calero ARL St #2	
Site Photos – Exc	cavatio	n & Remediation	



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

January 14, 2022

Bob Allen Safety & Environmental Solutions PO Box 1613 Hobbs, NM 88241

TEL: (575) 397-0510 FAX: (575) 393-4388

RE: Opal Operating Mescalero ST 2 OrderNo.: 2201364

#### Dear Bob Allen:

Hall Environmental Analysis Laboratory received 7 sample(s) on 1/11/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 1/14/2022

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: SP-1 1ft

 Project:
 Opal Operating Mescalero ST 2
 Collection Date: 1/6/2022 10:05:00 AM

 Lab ID:
 2201364-001
 Matrix: SOIL
 Received Date: 1/11/2022 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	270	60	mg/Kg	20	1/13/2022 6:26:31 PM	65009
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	JME
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	1/13/2022 6:17:16 PM	64980
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	1/13/2022 6:17:16 PM	64980
Surr: DNOP	103	70-130	%Rec	1	1/13/2022 6:17:16 PM	64980
EPA METHOD 8015D: GASOLINE RANGE					Analyst	mb
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	1/12/2022 1:34:00 PM	64958
Surr: BFB	112	70-130	%Rec	1	1/12/2022 1:34:00 PM	64958
EPA METHOD 8021B: VOLATILES					Analyst	mb
Benzene	ND	0.023	mg/Kg	1	1/12/2022 1:34:00 PM	64958
Toluene	ND	0.046	mg/Kg	1	1/12/2022 1:34:00 PM	64958
Ethylbenzene	ND	0.046	mg/Kg	1	1/12/2022 1:34:00 PM	64958
Xylenes, Total	ND	0.093	mg/Kg	1	1/12/2022 1:34:00 PM	64958
Surr: 4-Bromofluorobenzene	94.5	70-130	%Rec	1	1/12/2022 1:34:00 PM	64958

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 11

### **Analytical Report**

Lab Order **2201364**Date Reported: **1/14/2022** 

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: SP-2 6 inches

 Project:
 Opal Operating Mescalero ST 2
 Collection Date: 1/6/2022 10:20:00 AM

 Lab ID:
 2201364-002
 Matrix: SOIL
 Received Date: 1/11/2022 8:00:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses Analyst: CAS **EPA METHOD 300.0: ANIONS** Chloride 320 60 mg/Kg 20 1/13/2022 7:03:45 PM 65009 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: JME Diesel Range Organics (DRO) ND 9.9 mg/Kg 1/13/2022 6:27:51 PM Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 1/13/2022 6:27:51 PM 64980 Surr: DNOP 105 70-130 %Rec 1/13/2022 6:27:51 PM 64980 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: mb 1/12/2022 1:54:00 PM Gasoline Range Organics (GRO) ND 64958 4.9 mg/Kg Surr: BFB 94.5 %Rec 1/12/2022 1:54:00 PM 64958 70-130 Analyst: mb **EPA METHOD 8021B: VOLATILES** ND 1/12/2022 1:54:00 PM Benzene 0.025 mg/Kg 64958 Toluene ND 0.049 mg/Kg 1/12/2022 1:54:00 PM 64958 Ethylbenzene ND 0.049 mg/Kg 1 1/12/2022 1:54:00 PM 64958 Xylenes, Total ND 0.099 mg/Kg 1/12/2022 1:54:00 PM 64958 Surr: 4-Bromofluorobenzene 91.2 70-130 %Rec 1/12/2022 1:54:00 PM 64958

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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### **Analytical Report**

Lab Order **2201364**Date Reported: **1/14/2022** 

1/12/2022 2:13:00 PM

64958

64958

64958

64958

64958

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions Client Sample ID: SP-3 3 inches

 Project:
 Opal Operating Mescalero ST 2
 Collection Date: 1/6/2022 10:40:00 AM

 Lab ID:
 2201364-003
 Matrix: SOIL
 Received Date: 1/11/2022 8:00:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses Analyst: CAS **EPA METHOD 300.0: ANIONS** Chloride ND 60 mg/Kg 20 1/13/2022 8:18:12 PM 65019 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: JME Diesel Range Organics (DRO) ND 9.6 mg/Kg 1/13/2022 6:38:26 PM Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 1/13/2022 6:38:26 PM 64980 Surr: DNOP 80.5 70-130 %Rec 1/13/2022 6:38:26 PM 64980 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: mb 1/12/2022 2:13:00 PM Gasoline Range Organics (GRO) ND 64958 4.8 mg/Kg Surr: BFB 94.2 %Rec 1/12/2022 2:13:00 PM 64958 70-130 Analyst: mb **EPA METHOD 8021B: VOLATILES** 

ND

ND

ND

ND

89.7

0.024

0.048

0.048

0.096

70-130

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

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: 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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 1/14/2022

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: SP-4 3 inches

 Project:
 Opal Operating Mescalero ST 2
 Collection Date: 1/6/2022 11:05:00 AM

 Lab ID:
 2201364-004
 Matrix: SOIL
 Received Date: 1/11/2022 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	ND	60	mg/Kg	20	1/13/2022 9:20:14 PM	65019
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst	JME
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	1/13/2022 6:49:00 PM	64980
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	1/13/2022 6:49:00 PM	64980
Surr: DNOP	89.4	70-130	%Rec	1	1/13/2022 6:49:00 PM	64980
EPA METHOD 8015D: GASOLINE RANGE					Analyst	mb
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	1/12/2022 2:33:00 PM	64958
Surr: BFB	90.9	70-130	%Rec	1	1/12/2022 2:33:00 PM	64958
EPA METHOD 8021B: VOLATILES					Analyst	mb
Benzene	ND	0.025	mg/Kg	1	1/12/2022 2:33:00 PM	64958
Toluene	ND	0.050	mg/Kg	1	1/12/2022 2:33:00 PM	64958
Ethylbenzene	ND	0.050	mg/Kg	1	1/12/2022 2:33:00 PM	64958
Xylenes, Total	ND	0.10	mg/Kg	1	1/12/2022 2:33:00 PM	64958
Surr: 4-Bromofluorobenzene	89.0	70-130	%Rec	1	1/12/2022 2:33:00 PM	64958

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 1/14/2022

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: West Surface

 Project:
 Opal Operating Mescalero ST 2
 Collection Date: 1/6/2022 11:30:00 AM

 Lab ID:
 2201364-005
 Matrix: SOIL
 Received Date: 1/11/2022 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	ND	59	mg/Kg	20	1/13/2022 9:57:29 PM	65019
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	JME
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	1/13/2022 6:59:35 PM	64980
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	1/13/2022 6:59:35 PM	64980
Surr: DNOP	85.7	70-130	%Rec	1	1/13/2022 6:59:35 PM	64980
EPA METHOD 8015D: GASOLINE RANGE					Analyst	mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	1/12/2022 2:53:00 PM	64958
Surr: BFB	91.9	70-130	%Rec	1	1/12/2022 2:53:00 PM	64958
EPA METHOD 8021B: VOLATILES					Analyst	mb
Benzene	ND	0.024	mg/Kg	1	1/12/2022 2:53:00 PM	64958
Toluene	ND	0.048	mg/Kg	1	1/12/2022 2:53:00 PM	64958
Ethylbenzene	ND	0.048	mg/Kg	1	1/12/2022 2:53:00 PM	64958
Xylenes, Total	ND	0.095	mg/Kg	1	1/12/2022 2:53:00 PM	64958
Surr: 4-Bromofluorobenzene	91.6	70-130	%Rec	1	1/12/2022 2:53:00 PM	64958

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 1/14/2022

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: East Surface

 Project:
 Opal Operating Mescalero ST 2
 Collection Date: 1/6/2022 12:05:00 PM

 Lab ID:
 2201364-006
 Matrix: SOIL
 Received Date: 1/11/2022 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	ND	60	mg/Kg	20	1/13/2022 10:09:53 PM	65019
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	JME
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	1/13/2022 7:10:10 PM	64980
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	1/13/2022 7:10:10 PM	64980
Surr: DNOP	82.1	70-130	%Rec	1	1/13/2022 7:10:10 PM	64980
EPA METHOD 8015D: GASOLINE RANGE					Analyst	mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	1/12/2022 3:13:00 PM	64958
Surr: BFB	90.6	70-130	%Rec	1	1/12/2022 3:13:00 PM	64958
<b>EPA METHOD 8021B: VOLATILES</b>					Analyst	mb
Benzene	ND	0.024	mg/Kg	1	1/12/2022 3:13:00 PM	64958
Toluene	ND	0.048	mg/Kg	1	1/12/2022 3:13:00 PM	64958
Ethylbenzene	ND	0.048	mg/Kg	1	1/12/2022 3:13:00 PM	64958
Xylenes, Total	ND	0.096	mg/Kg	1	1/12/2022 3:13:00 PM	64958
Surr: 4-Bromofluorobenzene	91.7	70-130	%Rec	1	1/12/2022 3:13:00 PM	64958

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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### **Analytical Report**

Lab Order **2201364**Date Reported: **1/14/2022** 

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: South Surface

**Project:** Opal Operating Mescalero ST 2 **Collection Date:** 1/6/2022 12:30:00 PM

**Lab ID:** 2201364-007 **Matrix:** SOIL **Received Date:** 1/11/2022 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	280	60	mg/Kg	20	1/13/2022 10:22:18 PM	65019
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	JME
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	1/13/2022 7:20:45 PM	64980
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	1/13/2022 7:20:45 PM	64980
Surr: DNOP	96.2	70-130	%Rec	1	1/13/2022 7:20:45 PM	64980
EPA METHOD 8015D: GASOLINE RANGE					Analyst	mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	1/12/2022 3:33:00 PM	64958
Surr: BFB	93.7	70-130	%Rec	1	1/12/2022 3:33:00 PM	64958
<b>EPA METHOD 8021B: VOLATILES</b>					Analyst	mb
Benzene	ND	0.025	mg/Kg	1	1/12/2022 3:33:00 PM	64958
Toluene	ND	0.049	mg/Kg	1	1/12/2022 3:33:00 PM	64958
Ethylbenzene	ND	0.049	mg/Kg	1	1/12/2022 3:33:00 PM	64958
Xylenes, Total	ND	0.098	mg/Kg	1	1/12/2022 3:33:00 PM	64958
Surr: 4-Bromofluorobenzene	92.6	70-130	%Rec	1	1/12/2022 3:33:00 PM	64958

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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### Hall Environmental Analysis Laboratory, Inc.

WO#: **2201364** 

14-Jan-22

Client: Safety & Environmental Solutions

Project: Opal Operating Mescalero ST 2

Sample ID: MB-65009 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 65009 RunNo: 85140

Prep Date: 1/13/2022 Analysis Date: 1/13/2022 SeqNo: 2995864 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-65009 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 65009 RunNo: 85140

Prep Date: 1/13/2022 Analysis Date: 1/13/2022 SeqNo: 2995865 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 93.3 90 110

Sample ID: MB-65019 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 65019 RunNo: 85140

Prep Date: 1/13/2022 Analysis Date: 1/13/2022 SeqNo: 2995907 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-65019 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 65019 RunNo: 85140

Prep Date: 1/13/2022 Analysis Date: 1/13/2022 SeqNo: 2995908 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 94.0 90 110

#### Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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### Hall Environmental Analysis Laboratory, Inc.

WO#: **2201364** 

14-Jan-22

Client: Safety & Environmental Solutions

Project: Opal Operating Mescalero ST 2

Sample ID: MB-64980 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 64980 RunNo: 85152 Prep Date: 1/12/2022 Analysis Date: 1/13/2022 SeqNo: 2995661 Units: mg/Kg Analyte PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Result Diesel Range Organics (DRO) ND 10 Motor Oil Range Organics (MRO) ND 50 Surr: DNOP 8.9 10.00 89.2 70 130

Sample ID: LCS-64980	SampType: <b>LCS</b>			Tes	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batcl	n ID: <b>64</b> 9	980	R	tunNo: 8	5152					
Prep Date: 1/12/2022	Analysis D	oate: 1/	13/2022	S	SeqNo: 29	995662	Units: mg/K	(g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	47	10	50.00	0	93.4	68.9	135				
Surr: DNOP	4.6		5.000		91.8	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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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### Hall Environmental Analysis Laboratory, Inc.

WO#: **2201364** *14-Jan-22* 

Client: Safety & Environmental Solutions

Project: Opal Operating Mescalero ST 2

Sample ID: mb-64958 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 64958 RunNo: 85110

Prep Date: 1/11/2022 Analysis Date: 1/12/2022 SeqNo: 2994495 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 890 1000 88.9 70 130

Sample ID: Ics-64958 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 64958 RunNo: 85110

1000

Prep Date: 1/11/2022 Analysis Date: 1/12/2022 SeqNo: 2994497 Units: mg/Kg

1000

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 25 5.0 25.00 0 98.4 78.6 131

102

70

130

#### Qualifiers:

Surr: BFB

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

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### Hall Environmental Analysis Laboratory, Inc.

WO#: **2201364** 

14-Jan-22

Client: Safety & Environmental Solutions

Project: Opal Operating Mescalero ST 2

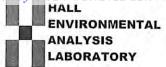
Sample ID: <b>mb-64958</b>	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS Batch ID: 64958		958	RunNo: <b>85110</b>							
Prep Date: 1/11/2022 Analysis Date: 1/12/2022		SeqNo: <b>2994523</b>			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.92		1.000		91.7	70	130			

Sample ID: Ics-64958		SampType: LCS		TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS Batch ID: 64958			RunNo: <b>85110</b>							
Prep Date: 1/11/2022 Analysis Date: 1/12/2022		SeqNo: 2994524			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.025	1.000	0	94.4	80	120			
Toluene	0.95	0.050	1.000	0	94.7	80	120			
Ethylbenzene	0.94	0.050	1.000	0	94.4	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.9	80	120			
Surr: 4-Bromofluorobenzene	0.91		1.000		91.4	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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3025 FAV: 505-345-4107

### Sample Log-In Check List

ANALYSIS
LABORATORY

TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Work Order Number: 2201364

Solutions

Client Name: Safety & Environmental Work Order Numb Solutions			per: 2201364		RcptNo: 1	
Received By:	Cheyenne Cason	1/11/2022 8:00:00	AM	Chal		
Completed By:	Sean Livingston	1/11/2022 8:43:52	AM	Chal S-1		
Reviewed By:	KPG 1/11/2			JL.	y of	
Chain of Cus	stody					
1. Is Chain of C	Custody complete?		Yes 🗸	No 🗌	Not Present	
2. How was the	sample delivered?		Courier			
Log In						
	mpt made to cool the samples	?	Yes 🔽	No 🗆	NA 🗌	
4. Were all samples received at a temperature of >0° C to 6.0°C			Yes	No 🔽	NA 🗆	
5 Complete in	proper container(s)?		Samples not			
o. Sample(s) in	proper container(s)?		Yes 🗹	No 🗀		
6. Sufficient san	nple volume for indicated test(	s)?	Yes 🔽	No 🗆		
7. Are samples	7. Are samples (except VOA and ONG) properly preserved?			No 🗌		
8. Was preservative added to bottles?			Yes	No 🔽	NA 🗌	
9. Received at le	9. Received at least 1 vial with headspace <1/4" for AQ VOA?			No 🗌	NA 🗹	
10. Were any sar	mple containers received brok	en?	Yes	No 🗹	Tuesday and the	
					# of preserved bottles checked	
	ork match bottle labels?		Yes 🗸	No 🗆	for pH:	
	(Note discrepancies on chain of custody)  12. Are matrices correctly identified on Chain of Custody?			No 🗆	Adjusted?	unless noted)
13. Is it clear what analyses were requested?			Yes 🗹	No 🗆	/ —	
14. Were all holding times able to be met?  (If no, notify customer for authorization.)			Yes 🔽	No 🗆	Checked by: Cure	luler
	ling (if applicable)					
	otified of all discrepancies with	this order?	Yes	No 🗌	NA 🗸	
Person	Notified:	Date:				
By Who	om:	Via:		Phone   Fax	In Person	
Regard	ling:					
Client I	nstructions:					
16. Additional re	marks:					
17. Cooler Info	rmation					
Cooler No	Transport Country of the Country of the	Seal Intact   Seal No	Seal Date	Signed By		
1	-0.4 Good					

INTAL ATORY OCD: 4/15/202	1:39:13 PM	Page 44 of 4
HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com kins NE - Albuquerque, NM 87109 345-3975 Fax 505-345-4107 Analysis Request	RCRA 8 Metals  CI, F, Br, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> 8260 (VOA)  8270 (Semi-VOA)  Total Coliform (Present/Absent)	Time: Relinquished by:    Received by: Via: Date Time Remarks: Semple 10   10   10   10   10   10   10   10
HALL ANAL  ANAL  www.hall 4901 Hawkins NE - Tel. 505-345-3975	BTEX / MTBE / TMB's (8021)  TPH:8015D(GRO / DRO / MRO)  8081 Pesticides/8082 PCB's  EDB (Method 504.1)	Remarks: Sample
S Day Pearting \$2	220 1364 BOI BOI BOI BOI BOI BOI BOI BOI	Date Time In 12 1650 Date Time
Rush Rush	Preservative Type	Via: Via:
Turn-Around Time:  Standard Project Name:  MUSCAJALO Project #:  OP/- 22	Project Manager:  Sampler: So S2 On Ice: Preserva Type and # Type	Received by: Received by:
Record  Well  Luta  S240	Sample Name SP2 6 McGs SP2 6 McGs SP3 5 McGs SP4 5 McGs	
-Custody		ished by:
Chain-of-Custody Record Client: Select Gran Grandell Southerns Mailing Address: 705 & Clurks Chilbr N.W 88240 Phone #: 575-397-05/0		Time: Relipquished by:    62
Client: Aailing Ac	email or Fax#:  QA/QC Package:  QA/QC Package:  Color of the color of	Date: Time: 0/67 /63.

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

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

CONDITIONS

Action 94800

#### **CONDITIONS**

Operator:	OGRID:
Opal Operating Company LLC	330887
4811 Gaillardia Parkway Oklahoma City, OK 73142	Action Number: 94800
	Action Type: [C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	6/13/2022