

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	NAPP2103945261
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party E.G.L. Resources, Inc.	OGRID 173413
Contact Name Kelvin Fisher	Contact Telephone 432 687-6560
Contact email stateoilreports@satx.rr.com	Incident # (assigned by OCD) nAPP2103945261
Contact mailing address P. O. Box 10886 Midland, TX 79702	

### Location of Release Source

Latitude 33.36415 Longitude -103.68186  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Moore Devonian SWD	Site Type Salt Water Disposal
Date Release Discovered 1/26/2021	API# (if applicable) 30-025-00048

Unit Letter	Section	Township	Range	County
I	14	11S	32E	Lea

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name: Benjamin Pearce)

### Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 20	Volume Recovered (bbls) 5
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

#### Cause of Release

Corroded injection line broke near wellhead. This caused produced water to get on well pad

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Was this a major release as defined by 19.15.29.7(A) NMAC?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?          
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?          	

### Initial Response

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: There was no need for berms or containment devices. All free liquid was removed promptly with a vacuum truck. Later, 20 yards of contaminated dirt was removed and taken to a land farm.	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Linda Johnston</u>	Title: <u>Agent</u>
Signature: <u></u>	Date: <u>8/10/2021</u>
email: <u>stateoilreports@satx.rr.com</u>	Telephone: <u>830-964-5963</u>
<b><u>OCD Only</u></b>	
Received by: <u>Ramona Marcus</u>	Date: <u>9/20/2021</u>

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## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	_____ (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

State of New Mexico  
Oil Conservation Division

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

Printed Name: Linda Johnston Title: Agent 11/13/17  
Signature: Linda Johnston Date: 8/10/2021  
email: stateoilreports@satx.rr.com Telephone: 830-964-5963

**OCD Only**

Received by: Ramona Marcus Date: 9/20/2021

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## Remediation Plan

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

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

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

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Linda Johnston Title: Agent  
Signature: Linda Johnston Date: 8/10/2021  
email: stateoilreports@satx.rr.com Telephone: 830-964-5963

**OCD Only**

Received by: Ramona Marcus Date: 9/20/2021

☐ Approved ☒ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: Chad Henry Date: 09/20/2021

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## Closure

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

**Closure Report Attachment Checklist:** *Each of the following items must be included in the closure report.*

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Linda Johnston

Title: Agent

Signature: Linda Johnston

Date: 8/10/2021

email: stateoilreports@satx.rr.com

Telephone: 830-964-5963

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Received by: Ramona Marcus

Date: 9/20/2021

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

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Energy Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised August 8, 2011  
Submit 1 Copy to appropriate District Office in  
accordance with 19.15.29 NMAC.

## Release Notification and Corrective Action

### OPERATOR

☒ Initial Report ☒ Final Report

Name of Company E.G.L. Resources, Inc.	Contact Kelvin Fisher
Address P. O. Box 10886 Midland, TX 79702	Telephone No. 432-634-5621
Facility Name Moore Devonian SWD	Facility Type Salt Water Disposal Well
Surface Owner Benjamin Pearce	Mineral Owner
API No. 30-025-00048	

### LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
I	14	11S	32E	1980	South	660	East	Lea

Latitude 33.364151 Longitude -103.6818619

### NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 20 bbls	Volume Recovered 5 bbls
Source of Release line near wellhead	Date and Hour of Occurrence 1/26/2021	Date and Hour of Discovery 1/26/2021
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Gary Robinson of NMOCD	
By Whom? Benjamin Pearce	Date and Hour 1/26/2021 in the morning hours	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*

Corroded injection line broke near wellhead. Eddie Jaramillo, pumper, had vacuum truck suck up all free water (5 barrels).

Describe Area Affected and Cleanup Action Taken.\*

All of the contaminated area occurred within the wellpad. Roustabout gang repaired the corroded pipe. on February 5, 2021, 20 yards of contaminated soil were removed from spill site and hauled to Gandy Marley disposal site.

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

Signature: <i>Linda Johnston</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Linda Johnston	Approved by Environmental Specialist:	
Title: Agent	Approval Date:	Expiration Date:
E-mail Address: stateoilreports@satx.rr.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 8/10/2021 Phone: 830-964-5963		

\* Attach Additional Sheets If Necessary




Date	Sample ID	Point	Latitude	Longitude	Depth of Sample	Chlorides	----- TPH -----			BTEX	Benzene	Comments
							GRO C6- C10*	DRO >C10- C28*	EXT DRO >C28-C36			
4/20/2021	A (H211003-01)	A	33° 21' 50.70" N	103° 40' 54.73" W	0-3"	11,500	<10	181	89.4	<0.300	<0.05	Chlorides Not compliant
4/20/2021	B (H211003-02)	B	33° 21' 50.46" N	103° 40' 54.70" W	0-3"	3,760	<10	58.3	20.5	<0.300	<0.05	All compliant
4/20/2021	C (H211003-03)	C	33° 21' 50.23" N	103° 40' 54.69" W	0-3"	4,800	<10	<10	<10	<0.300	<0.05	All compliant
4/20/2021	D (H211003-04)	D	33° 21' 50.16" N	103° 40' 54.46" W	0-3"	3,280	<10	<10	<10	<0.300	<0.05	All compliant
4/20/2021	E (H211003-05)	E	33° 21' 50.13" N	103° 40' 54.17" W	0-3"	5,040	<10	<10	<10	<0.300	<0.05	All compliant
4/20/2021	F (H211003-06)	F	33° 21' 50.05" N	103° 40' 53.86" W	0-3"	3,280	<10	<10	<10	<0.300	<0.05	All compliant
4/20/2021	G (H211003-07)	G	33° 21' 50.04" N	103° 40' 53.63" W	0-3"	560	<10	<10	<10	<0.300	<0.05	All compliant
4/20/2021	H (H211003-08)	H	33° 21' 50.25" N	103° 40' 53.66" W	0-3"	8,660	<10	<10	<10	<0.300	<0.05	All compliant
4/20/2021	I (H211003-09)	I	33° 21' 50.50" N	103° 40' 53.74" W	0-3"	400	<10	<10	<10	<0.300	<0.05	All compliant
4/20/2021	J (H211003-10)	J	33° 21' 50.59" N	103° 40' 53.81" W	0-3"	400	<10	<10	<10	<0.300	<0.05	All compliant
4/20/2021	K (H211003-11)	K	33° 21' 50.76" N	103° 40' 53.73" W	0-3"	176	<10	<10	<10	<0.300	<0.05	All compliant
4/20/2021	L (H211003-12)	L	33° 21' 50.88" N	103° 40' 54.08" W	0-3"	2,280	<10	10.4	<10	<0.300	<0.05	All compliant
4/20/2021	M (H211003-13)	M	33° 21' 51.12" N	103° 40' 54.23" W	0-3"	384	<10	<10	<10	<0.300	<0.05	All compliant
4/20/2021	N (H211003-14)	N	33° 21' 51.07" N	103° 40' 54.47" W	0-3"	16,600	<10	<10	<10	<0.300	<0.05	Chlorides Not compliant
4/20/2021	O (H211003-15)	O	33° 21' 51.03" N	103° 40' 54.77" W	0-3"	7,040	<10	<10	<10	<0.300	<0.05	All compliant
4/20/2021	P (H211003-16)	P	33° 21' 50.86" N	103° 40' 54.79" W	0-3"	4,840	<10	83	33.5	<0.300	<0.05	All compliant
4/20/2021	Q (H211003-17)	Q	33° 21' 50.69" N	103° 40' 54.75" W	0-3"	29,200	<10	183	198	<0.300	<0.05	Chlorides Not compliant
5/3/2021	R (H211120-01)	R	33° 21' 50.20" N	103° 40' 54.83" W	0-3"	2,920	<10	<10	<10	<0.300	<0.05	All compliant
5/3/2021	S (H211120-02)	S	33° 21' 50.04" N	103° 40' 55.01" W	0-3"	96	<10	<10	<10	<0.300	<0.05	All compliant
5/3/2021	T (H211120-03)	T	33° 21' 50.08" N	103° 40' 55.23" W	0-3"	32	<10	<10	<10	<0.300	<0.05	All compliant
5/3/2021	U (H211120-04)	U	33° 21' 50.59" N	103° 40' 55.22" W	0-3"	656	<10	<10	<10	<0.300	<0.05	All compliant
5/3/2021	V (H211120-05)	V	33° 21' 50.83" N	103° 40' 55.11" W	0-3"	3,160	<10	222	132	<0.300	<0.05	All compliant
5/3/2021	W (H211120-06)	W	33° 21' 51.16" N	103° 40' 55.00" W	0-3"	192	<10	<10	<10	<0.300	<0.05	All compliant
6/9/2021	Q D6 (H211489-01)	Q D6	33° 21' 50.48" N	103° 40' 54.19" W	3-6"	832	<10	11.2	<10	<0.300	<0.05	All compliant
6/9/2021	R D6 (H211489-02)	R D6	33° 21' 50.14" N	103° 40' 55.00" W	3-6"	336	<10	<10	<10	<0.300	<0.05	All compliant
6/9/2021	S D6 (H211489-03)	SD6	33° 21' 50.13" N	103° 40' 55.29" W	3-6"	96	<10	<10	<10	<0.300	<0.05	All compliant
6/9/2021	T D6 (H211489-04)	TD6	33° 21' 50.18" N	103° 40' 54.97" W	3-6"	1,310	<10	<10	<10	<0.300	<0.05	All compliant
6/9/2021	QSTM D6 (H211489-05)	QSTMD6	33° 21' 50.35" N	103° 40' 55.08" W	3-6"	240	<10	<10	<10	<0.300	<0.05	All compliant
6/9/2021	C D6 (H211489-06)	CD6	33° 21' 50.27" N	103° 40' 54.56" W	3-6"	1,500	<10	<10	<10	<0.300	<0.05	All compliant
6/9/2021	B D6 (H211489-07)	BD6	33° 21' 50.42" N	103° 40' 54.72" W	3-6"	1,570	<10	<10	<10	<0.300	<0.05	All compliant
6/9/2021	Q2 D6 (H211489-08)	Q2D6	33° 21' 50.79" N	103° 40' 54.62" W	3-6"	2,840	<10	<10	<10	<0.300	<0.05	All compliant
6/9/2021	W D6 (H211489-09)	WD6	33° 21' 51.05" N	103° 40' 54.85" W	3-6"	784	<10	11.1	<10	<0.300	<0.05	All compliant
6/9/2021	V D6 (H211489-10)	VD6	33° 21' 50.75" N	103° 40' 55.11" W	3-6"	1,360	<10	265	442	<0.300	<0.05	All compliant
6/9/2021	O D6 (H211489-11)	OD6	33° 21' 51.01" N	103° 40' 54.77" W	3-6"	5,040	<10	<10	<10	<0.300	<0.05	All compliant
6/9/2021	M D6 (H211489-12)	MD6	33° 21' 51.22" N	103° 40' 54.06" W	3-6"	800	<10	<10	<10	<0.300	<0.05	All compliant
6/9/2021	K D6 (H211489-13)	KD6	33° 21' 50.64" N	103° 40' 53.84" W	3-6"	672	<10	<10	<10	<0.300	<0.05	All compliant
6/9/2021	H D6 (H211489-14)	HD6	33° 21' 50.35" N	103° 40' 53.63" W	3-6"	4,360	<10	<10	<10	<0.300	<0.05	All compliant
6/9/2021	F D6 (H211489-15)	FD6	33° 21' 49.83" N	103° 40' 53.90" W	3-6"	2,480	<10	<10	<10	<0.300	<0.05	All compliant
6/9/2021	E D6 (H211489-16)	ED6	33° 21' 50.15" N	103° 40' 54.26" W	3-6"	3,640	<10	<10	<10	<0.300	<0.05	All compliant
6/9/2021	D D6 (H211489-17)	DD6	33° 21' 50.05" N	103° 40' 54.41" W	3-6"	2,760	<10	<10	<10	<0.300	<0.05	All compliant
6/9/2021	BC DM6 (H211489-18)	BCDM6	33° 21' 50.22" N	103° 40' 54.50" W	3-6"	576	<10	14.6	<10	<0.300	<0.05	All compliant



These are the water wells within ~0.5 miles of Moore SWD #3




## New Mexico Office of the State Engineer Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	L 02174		3	3	13	11S	32E	623040	3692033* 
<hr/>									
Driller License:	116	Driller Company:				MATTHEWS DRILLING CO.			
Driller Name:	JAMES WILLIAM MATTHEWS								
Drill Start Date:	05/08/1953	Drill Finish Date:				05/10/1953	Plug Date:	08/18/1958	
Log File Date:	06/01/1953	PCW Rcv Date:					Source:	Shallow	
Pump Type:		Pipe Discharge Size:					Estimated Yield:		
Casing Size:		Depth Well:				102 feet	Depth Water:	92 feet	
<hr/>									
Water Bearing Stratifications:					Top	Bottom	Description		
					92	102	Sandstone/Gravel/Conglomerate		



## New Mexico Office of the State Engineer Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	L 06588	1	1	1	13	11S	32E	622924	3693339* 
<hr/>									
Driller License:	46	Driller Company:				ABBOTT BROTHERS COMPANY			
Driller Name:	MURRELL ABBOTT								
Drill Start Date:	09/15/1969	Drill Finish Date:				09/15/1969		Plug Date:	01/11/1973
Log File Date:	09/17/1969	PCW Rcv Date:						Source:	Shallow
Pump Type:		Pipe Discharge Size:						Estimated Yield:	
Casing Size:	7.00	Depth Well:				120 feet		Depth Water:	65 feet
<hr/>									
Water Bearing Stratifications:					Top	Bottom	Description		
					65	120	Sandstone/Gravel/Conglomerate		
<hr/>									
Casing Perforations:					Top	Bottom			
					65	120			



## New Mexico Office of the State Engineer Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(quarters are smallest to largest)		(NAD83 UTM in meters)	
<b>Well Tag</b>	<b>POD Number</b>	<b>Q64</b>	<b>Q16</b>	<b>Q4</b>	<b>Sec</b>	<b>Tws</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
L 10790				2	23	11S	32E	622447	3691419*
<b>Driller License:</b> 1044		<b>Driller Company:</b> EADES WELL DRILLING & PUMP SERVICE							
<b>Driller Name:</b> EADES, ALAN									
<b>Drill Start Date:</b> 02/13/1998		<b>Drill Finish Date:</b> 02/13/1998		<b>Plug Date:</b>					
<b>Log File Date:</b> 02/19/1998		<b>PCW Rcv Date:</b>		<b>Source:</b> Shallow					
<b>Pump Type:</b>		<b>Pipe Discharge Size:</b>		<b>Estimated Yield:</b> 35 GPM					
<b>Casing Size:</b> 5.75		<b>Depth Well:</b> 113 feet		<b>Depth Water:</b> 52 feet					
<b>Water Bearing Stratifications:</b>		<b>Top</b>	<b>Bottom</b>	<b>Description</b>					
		52	113	Other/Unknown					
<b>Casing Perforations:</b>		<b>Top</b>	<b>Bottom</b>						
		73	113						



## New Mexico Office of the State Engineer Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(quarters are smallest to largest)		(NAD83 UTM in meters)	
<b>Well Tag</b>	<b>POD Number</b>	<b>Q64</b>	<b>Q16</b>	<b>Q4</b>	<b>Sec</b>	<b>Tws</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
L 08642		4	1	1	24	11S	32E	623144	3691529*
<b>Driller License:</b> 230		<b>Driller Company:</b> SUMRULD DRILLING SERVICE							
<b>Driller Name:</b> E.H. SUMRULD									
<b>Drill Start Date:</b> 01/18/1982		<b>Drill Finish Date:</b> 01/20/1982		<b>Plug Date:</b>					
<b>Log File Date:</b> 01/27/1982		<b>PCW Rcv Date:</b>		<b>Source:</b> Shallow					
<b>Pump Type:</b>		<b>Pipe Discharge Size:</b>		<b>Estimated Yield:</b> 30 GPM					
<b>Casing Size:</b> 5.50		<b>Depth Well:</b> 110 feet		<b>Depth Water:</b> 64 feet					
<b>Water Bearing Stratifications:</b>		<b>Top</b>	<b>Bottom</b>	<b>Description</b>					
		100	106	Sandstone/Gravel/Conglomerate					
<b>Casing Perforations:</b>		<b>Top</b>	<b>Bottom</b>						
		49	109						



## New Mexico Office of the State Engineer Point of Diversion Summary

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

<b>Well Tag</b>	<b>POD Number</b>	<b>Q64 Q16 Q4</b>	<b>Sec</b>	<b>Tws</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
L 09615		2 1 24	11S	32E		623447	3691635*

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**Driller License:** 46      **Driller Company:** ABBOTT BROTHERS COMPANY  
**Driller Name:** MURRELL ABBOTT

**Drill Start Date:** 10/24/1989      **Drill Finish Date:** 10/31/1989      **Plug Date:**  
**Log File Date:** 11/03/1989      **PCW Rcv Date:** 11/03/1989      **Source:** Shallow  
**Pump Type:** TURBIN      **Pipe Discharge Size:** 6      **Estimated Yield:** 130 GPM  
**Casing Size:** 16.00      **Depth Well:** 125 feet      **Depth Water:** 70 feet

Water Bearing Stratifications:	Top	Bottom	Description
	70	117	Sandstone/Gravel/Conglomerate

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Casing Perforations:	Top	Bottom
	66	125

<b>Meter Number:</b>	8566	<b>Meter Make:</b>	ROCKWELL
<b>Meter Serial Number:</b>	37188	<b>Meter Multiplier:</b>	1000.0000
<b>Number of Dials:</b>	6	<b>Meter Type:</b>	Diversion
<b>Unit of Measure:</b>	Gallons	<b>Return Flow Percent:</b>	
<b>Usage Multiplier:</b>		<b>Reading Frequency:</b>	Quarterly

### Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount Online
01/01/2005	2005	21937	A	jw		0
04/01/2005	2005	21937	A	jw		0

<b>**YTD Meter Amounts:</b>	<b>Year</b>	<b>Amount</b>
	2005	0



# New Mexico Office of the State Engineer

## Point of Diversion Summary

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

<b>Well Tag</b>	<b>POD Number</b>	<b>Q64 Q16 Q4</b>	<b>Sec</b>	<b>Tws</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
L 09615 S		4 1 24	11S	32E	623452	3691232*	

---

**Driller License:** 46      **Driller Company:** ABBOTT BROTHERS COMPANY  
**Driller Name:** MURRELL ABBOTT

**Drill Start Date:** 10/11/1989      **Drill Finish Date:** 10/19/1989      **Plug Date:**  
**Log File Date:** 10/25/1989      **PCW Rcv Date:** 10/25/1989      **Source:** Shallow  
**Pump Type:** TURBIN      **Pipe Discharge Size:** 6      **Estimated Yield:** 140 GPM  
**Casing Size:** 16.00      **Depth Well:** 124 feet      **Depth Water:** 68 feet

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<b>Water Bearing Stratifications:</b>	<b>Top</b>	<b>Bottom</b>	<b>Description</b>
	68	111	Sandstone/Gravel/Conglomerate

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<b>Casing Perforations:</b>	<b>Top</b>	<b>Bottom</b>
	63	124

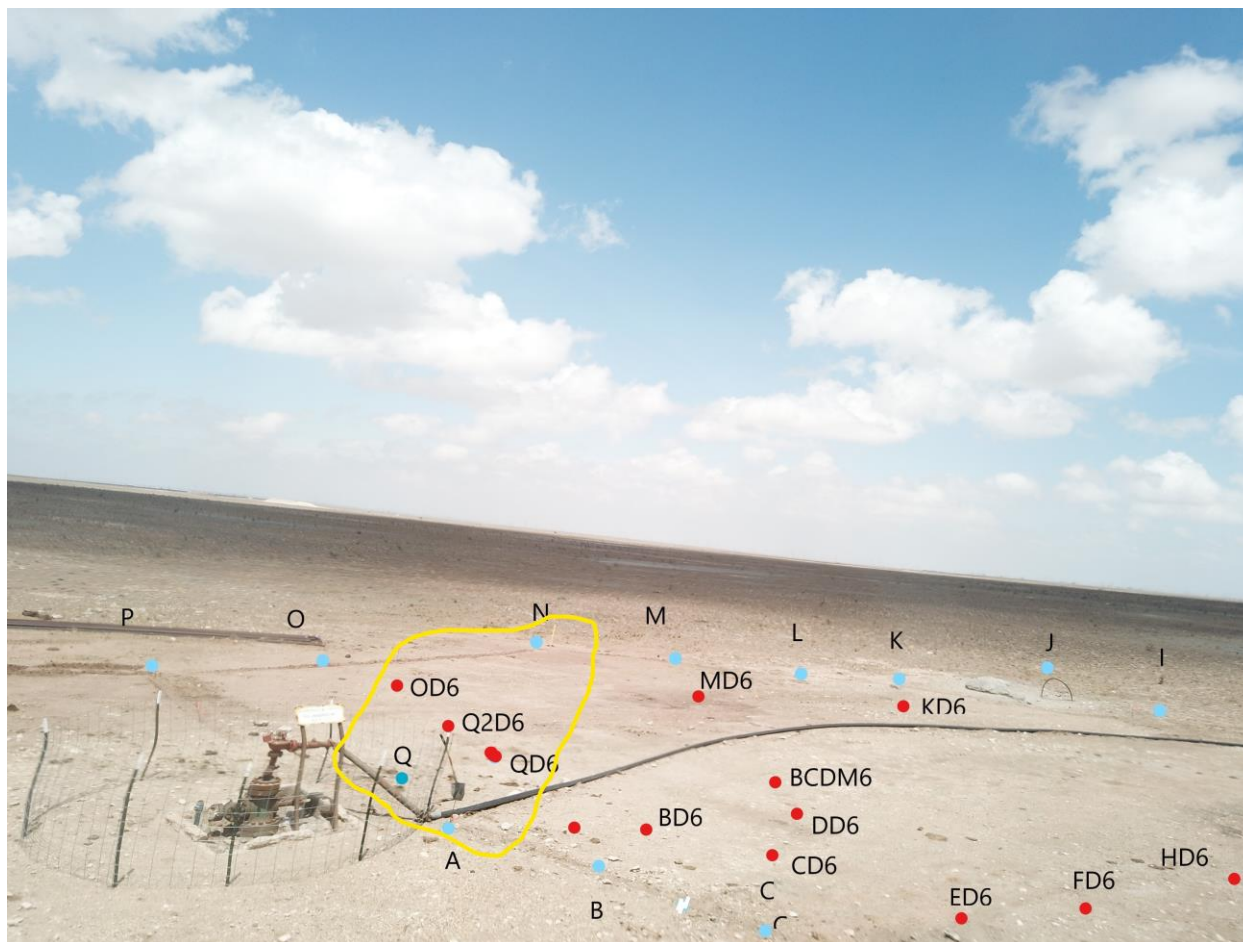
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<b>Meter Number:</b>	8565	<b>Meter Make:</b>	ROCKWELL
<b>Meter Serial Number:</b>	37185	<b>Meter Multiplier:</b>	1000.0000
<b>Number of Dials:</b>	6	<b>Meter Type:</b>	Diversion
<b>Unit of Measure:</b>	Gallons	<b>Return Flow Percent:</b>	
<b>Usage Multiplier:</b>		<b>Reading Frequency:</b>	Quarterly

### Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount Online
01/01/2005	2005	48387	A	jw		0
04/01/2005	2005	48387	A	jw		0
07/12/2005	2005	48387	A	jw		0
10/12/2005	2005	48387	A	jw		0
01/01/2006	2006	48387	A	RPT		0
04/01/2006	2006	48387	A	RPT		0
07/01/2006	2006	48387	A	RPT		0
10/01/2006	2006	48387	A	RPT		0

**YTD Meter Amounts:	Year	Amount
	2005	0
	2006	0















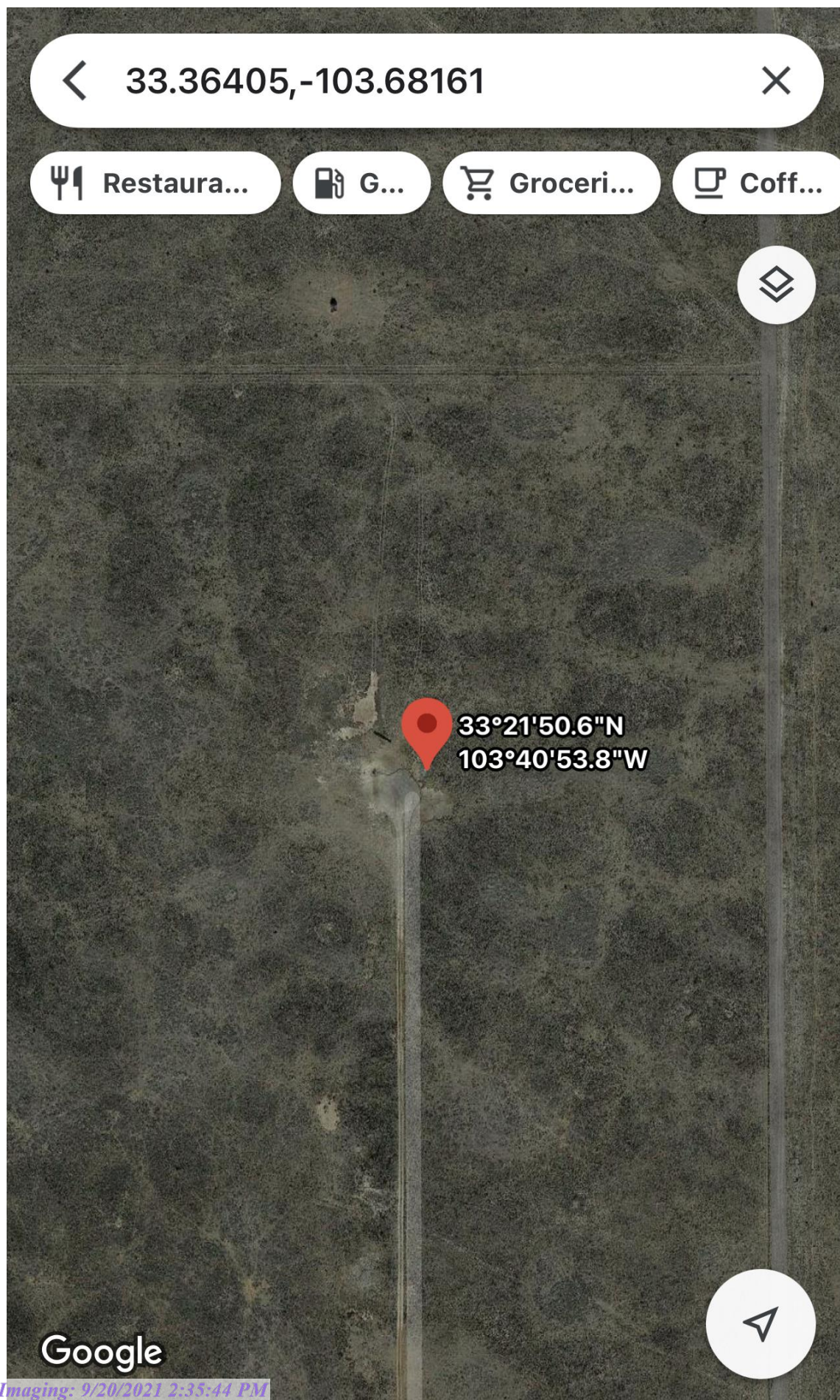




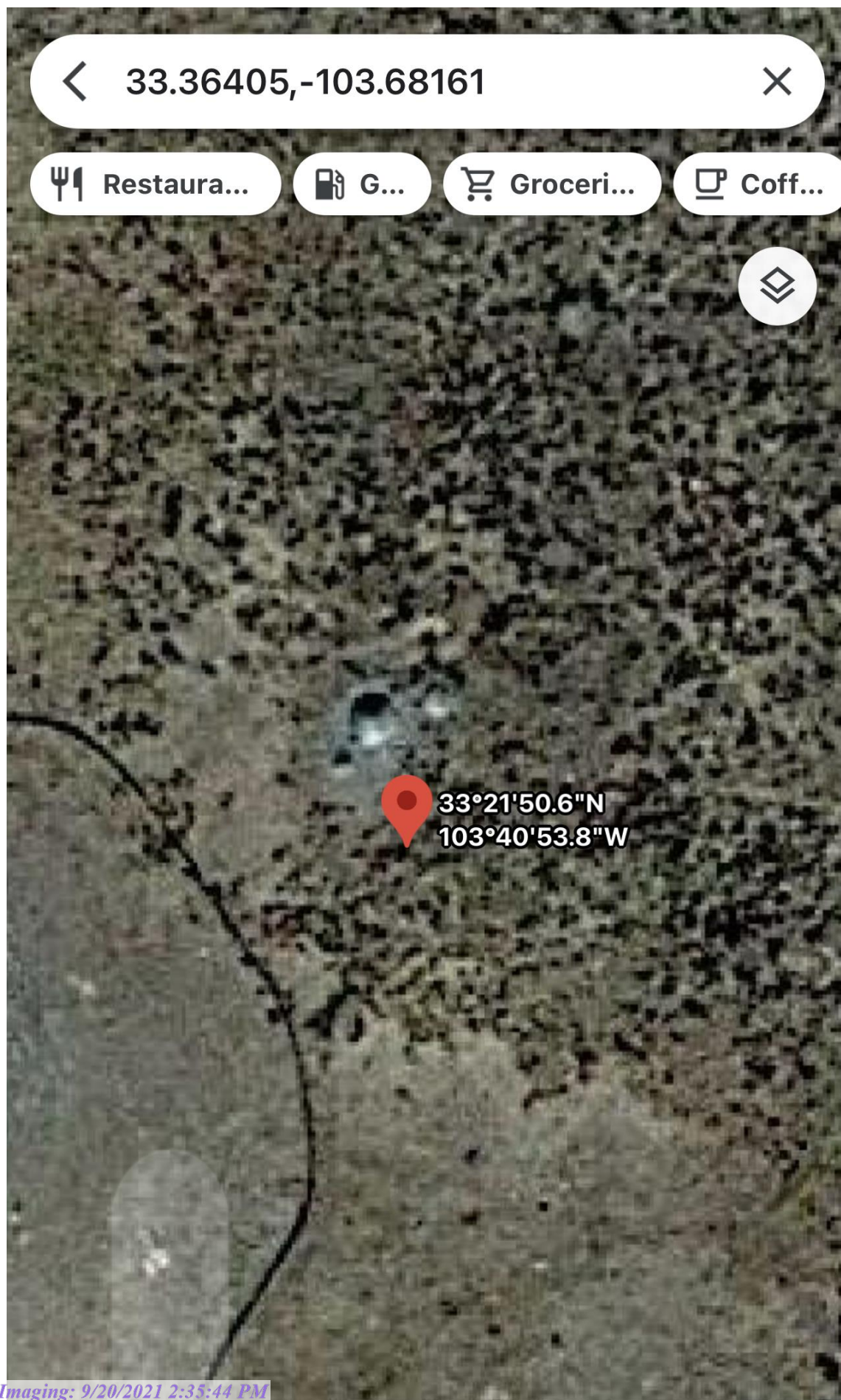












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Table I# Closure Criteria for Soils Impacted by a Release#			
Minimum depth below any point within the horizontal boundary of the release to ground water less than 10,000 mg/l TDS#	Constituent#	Method*#	Limit**#
≤ 50 feet#	Chloride***#	EPA 300.0 or SM4500 Cl B#	600 mg/kg#
	TPH# (GRO+DRO+MRO)#	EPA SW-846# Method 8015M#	100 mg/kg#
	BTEX#	EPA SW-846 Method 8021B or 8260B#	50 mg/kg#
	Benzene#	EPA SW-846 Method 8021B or 8260B#	10 mg/kg#
51 feet-100 feet#	Chloride***#	EPA 300.0 or SM4500 Cl B#	10,000 mg/kg#
	TPH# (GRO+DRO+MRO)#	EPA SW-846 Method 8015M#	2,500 mg/kg#
	GRO+DRO#	EPA SW-846 Method 8015M#	1,000 mg/kg#
	BTEX#	EPA SW-846 Method 8021B or 8260B#	50 mg/kg#
	Benzene#	EPA SW-846 Method 8021B or 8260B#	10 mg/kg#
>100 feet#	Chloride***#	EPA 300.0 or SM4500 Cl B#	20,000 mg/kg#
	TPH# (GRO+DRO+MRO)#	EPA SW-846 Method 8015M#	2,500 mg/kg#
	GRO+DRO#	EPA SW-846 Method 8015M#	1,000 mg/kg#
	BTEX#	EPA SW-846 Method 8021B or 8260B#	50 mg/kg#
	Benzene#	EPA SW-846 Method 8021B or 8260B#	10 mg/kg#

\*Or other test methods approved by the division.#

\*\*Numerical limits or natural background level, whichever is greater.#

\*\*\*This applies to releases of produced water or other fluids, which may contain chloride.#

[19.15.29.12 NMAC - N, 8/14/2018]#

#



Date	Sample ID	Point	Latitude	Longitude	Depth of Sample	Chlorides	----- TPH -----			BTEX	Benzene	Comments
							GRO C6- C10*	DRO >C10- C28*	EXT DRO >C28-C36			
4/20/2021	A (H211003-01)	A	33° 21' 50.70" N	103° 40' 54.73" W	0-3"	11,500	<10	181	89.4	<0.300	<0.05	Chlorides Not compliant
4/20/2021	B (H211003-02)	B	33° 21' 50.46" N	103° 40' 54.70" W	0-3"	3,760	<10	58.3	20.5	<0.300	<0.05	All compliant
4/20/2021	C (H211003-03)	C	33° 21' 50.23" N	103° 40' 54.69" W	0-3"	4,800	<10	<10	<10	<0.300	<0.05	All compliant
4/20/2021	D (H211003-04)	D	33° 21' 50.16" N	103° 40' 54.46" W	0-3"	3,280	<10	<10	<10	<0.300	<0.05	All compliant
4/20/2021	E (H211003-05)	E	33° 21' 50.13" N	103° 40' 54.17" W	0-3"	5,040	<10	<10	<10	<0.300	<0.05	All compliant
4/20/2021	F (H211003-06)	F	33° 21' 50.05" N	103° 40' 53.86" W	0-3"	3,280	<10	<10	<10	<0.300	<0.05	All compliant
4/20/2021	G (H211003-07)	G	33° 21' 50.04" N	103° 40' 53.63" W	0-3"	560	<10	<10	<10	<0.300	<0.05	All compliant
4/20/2021	H (H211003-08)	H	33° 21' 50.25" N	103° 40' 53.66" W	0-3"	8,660	<10	<10	<10	<0.300	<0.05	All compliant
4/20/2021	I (H211003-09)	I	33° 21' 50.50" N	103° 40' 53.74" W	0-3"	400	<10	<10	<10	<0.300	<0.05	All compliant
4/20/2021	J (H211003-10)	J	33° 21' 50.59" N	103° 40' 53.81" W	0-3"	400	<10	<10	<10	<0.300	<0.05	All compliant
4/20/2021	K (H211003-11)	K	33° 21' 50.76" N	103° 40' 53.73" W	0-3"	176	<10	<10	<10	<0.300	<0.05	All compliant
4/20/2021	L (H211003-12)	L	33° 21' 50.88" N	103° 40' 54.08" W	0-3"	2,280	<10	10.4	<10	<0.300	<0.05	All compliant
4/20/2021	M (H211003-13)	M	33° 21' 51.12" N	103° 40' 54.23" W	0-3"	384	<10	<10	<10	<0.300	<0.05	All compliant
4/20/2021	N (H211003-14)	N	33° 21' 51.07" N	103° 40' 54.47" W	0-3"	16,600	<10	<10	<10	<0.300	<0.05	Chlorides Not compliant
4/20/2021	O (H211003-15)	O	33° 21' 51.03" N	103° 40' 54.77" W	0-3"	7,040	<10	<10	<10	<0.300	<0.05	All compliant
4/20/2021	P (H211003-16)	P	33° 21' 50.86" N	103° 40' 54.79" W	0-3"	4,840	<10	83	33.5	<0.300	<0.05	All compliant
4/20/2021	Q (H211003-17)	Q	33° 21' 50.69" N	103° 40' 54.75" W	0-3"	29,200	<10	183	198	<0.300	<0.05	Chlorides Not compliant
5/3/2021	R (H211120-01)	R	33° 21' 50.20" N	103° 40' 54.83" W	0-3"	2,920	<10	<10	<10	<0.300	<0.05	All compliant
5/3/2021	S (H211120-02)	S	33° 21' 50.04" N	103° 40' 55.01" W	0-3"	96	<10	<10	<10	<0.300	<0.05	All compliant
5/3/2021	T (H211120-03)	T	33° 21' 50.08" N	103° 40' 55.23" W	0-3"	32	<10	<10	<10	<0.300	<0.05	All compliant
5/3/2021	U (H211120-04)	U	33° 21' 50.59" N	103° 40' 55.22" W	0-3"	656	<10	<10	<10	<0.300	<0.05	All compliant
5/3/2021	V (H211120-05)	V	33° 21' 50.83" N	103° 40' 55.11" W	0-3"	3,160	<10	222	132	<0.300	<0.05	All compliant
5/3/2021	W (H211120-06)	W	33° 21' 51.16" N	103° 40' 55.00" W	0-3"	192	<10	<10	<10	<0.300	<0.05	All compliant
6/9/2021	Q D6 (H211489-01)	Q D6	33° 21' 50.48" N	103° 40' 54.19" W	3-6"	832	<10	11.2	<10	<0.300	<0.05	All compliant
6/9/2021	R D6 (H211489-02)	R D6	33° 21' 50.14" N	103° 40' 55.00" W	3-6"	336	<10	<10	<10	<0.300	<0.05	All compliant
6/9/2021	S D6 (H211489-03)	SD6	33° 21' 50.13" N	103° 40' 55.29" W	3-6"	96	<10	<10	<10	<0.300	<0.05	All compliant
6/9/2021	T D6 (H211489-04)	TD6	33° 21' 50.18" N	103° 40' 54.97" W	3-6"	1,310	<10	<10	<10	<0.300	<0.05	All compliant
6/9/2021	QSTM D6 (H211489-05)	QSTMD6	33° 21' 50.35" N	103° 40' 55.08" W	3-6"	240	<10	<10	<10	<0.300	<0.05	All compliant
6/9/2021	C D6 (H211489-06)	CD6	33° 21' 50.27" N	103° 40' 54.56" W	3-6"	1,500	<10	<10	<10	<0.300	<0.05	All compliant
6/9/2021	B D6 (H211489-07)	BD6	33° 21' 50.42" N	103° 40' 54.72" W	3-6"	1,570	<10	<10	<10	<0.300	<0.05	All compliant
6/9/2021	Q2 D6 (H211489-08)	Q2D6	33° 21' 50.79" N	103° 40' 54.62" W	3-6"	2,840	<10	<10	<10	<0.300	<0.05	All compliant
6/9/2021	W D6 (H211489-09)	WD6	33° 21' 51.05" N	103° 40' 54.85" W	3-6"	784	<10	11.1	<10	<0.300	<0.05	All compliant
6/9/2021	V D6 (H211489-10)	VD6	33° 21' 50.75" N	103° 40' 55.11" W	3-6"	1,360	<10	265	442	<0.300	<0.05	All compliant
6/9/2021	O D6 (H211489-11)	OD6	33° 21' 51.01" N	103° 40' 54.77" W	3-6"	5,040	<10	<10	<10	<0.300	<0.05	All compliant
6/9/2021	M D6 (H211489-12)	MD6	33° 21' 51.22" N	103° 40' 54.06" W	3-6"	800	<10	<10	<10	<0.300	<0.05	All compliant
6/9/2021	K D6 (H211489-13)	KD6	33° 21' 50.64" N	103° 40' 53.84" W	3-6"	672	<10	<10	<10	<0.300	<0.05	All compliant
6/9/2021	H D6 (H211489-14)	HD6	33° 21' 50.35" N	103° 40' 53.63" W	3-6"	4,360	<10	<10	<10	<0.300	<0.05	All compliant
6/9/2021	F D6 (H211489-15)	FD6	33° 21' 49.83" N	103° 40' 53.90" W	3-6"	2,480	<10	<10	<10	<0.300	<0.05	All compliant
6/9/2021	E D6 (H211489-16)	ED6	33° 21' 50.15" N	103° 40' 54.26" W	3-6"	3,640	<10	<10	<10	<0.300	<0.05	All compliant
6/9/2021	D D6 (H211489-17)	DD6	33° 21' 50.05" N	103° 40' 54.41" W	3-6"	2,760	<10	<10	<10	<0.300	<0.05	All compliant
6/9/2021	BC DM6 (H211489-18)	BCDM6	33° 21' 50.22" N	103° 40' 54.50" W	3-6"	576	<10	14.6	<10	<0.300	<0.05	All compliant



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

---

April 22, 2021

MONICA CERVANTS

RHOMBUS

P.O. BOX 627

LITTLETON, CO 80160

RE: JOHN H. MOORE SWD #3

Enclosed are the results of analyses for samples received by the laboratory on 04/20/21 14:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

RHOMBUS  
 MONICA CERVANTS  
 P.O. BOX 627  
 LITTLETON CO, 80160  
 Fax To: (575) 392-6611

Received:	04/20/2021	Sampling Date:	04/20/2021
Reported:	04/22/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	Cool & Intact
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: 042021 - A (H211003-01)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2021	ND	2.21	111	2.00	2.25	
Toluene*	<0.050	0.050	04/21/2021	ND	2.13	107	2.00	2.28	
Ethylbenzene*	<0.050	0.050	04/21/2021	ND	2.11	105	2.00	2.29	
Total Xylenes*	<0.150	0.150	04/21/2021	ND	6.24	104	6.00	2.10	
Total BTEX	<0.300	0.300	04/21/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11500	16.0	04/22/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2021	ND	209	104	200	4.17	
DRO >C10-C28*	181	10.0	04/21/2021	ND	215	107	200	6.69	
EXT DRO >C28-C36	89.4	10.0	04/21/2021	ND					

Surrogate: 1-Chlorooctane 69.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.7 % 42.2-156

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

RHOMBUS  
 MONICA CERVANTS  
 P.O. BOX 627  
 LITTLETON CO, 80160  
 Fax To: (575) 392-6611

Received:	04/20/2021	Sampling Date:	04/20/2021
Reported:	04/22/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	Cool & Intact
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: 042021 - B (H211003-02)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2021	ND	2.21	111	2.00	2.25		
Toluene*	<0.050	0.050	04/21/2021	ND	2.13	107	2.00	2.28		
Ethylbenzene*	<0.050	0.050	04/21/2021	ND	2.11	105	2.00	2.29		
Total Xylenes*	<0.150	0.150	04/21/2021	ND	6.24	104	6.00	2.10		
Total BTEx	<0.300	0.300	04/21/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3760	16.0	04/22/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2021	ND	209	104	200	4.17	
DRO >C10-C28*	58.3	10.0	04/21/2021	ND	215	107	200	6.69	
EXT DRO >C28-C36	20.5	10.0	04/21/2021	ND					

Surrogate: 1-Chlorooctane 72.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 76.5 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

RHOMBUS  
 MONICA CERVANTS  
 P.O. BOX 627  
 LITTLETON CO, 80160  
 Fax To: (575) 392-6611

Received:	04/20/2021	Sampling Date:	04/20/2021
Reported:	04/22/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	Cool & Intact
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: 042021 - C (H211003-03)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2021	ND	2.17	108	2.00	1.46		
Toluene*	<0.050	0.050	04/21/2021	ND	2.16	108	2.00	1.97		
Ethylbenzene*	<0.050	0.050	04/21/2021	ND	2.15	107	2.00	1.27		
Total Xylenes*	<0.150	0.150	04/21/2021	ND	6.17	103	6.00	0.635		
Total BTX	<0.300	0.300	04/21/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.1 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4800	16.0	04/22/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2021	ND	209	104	200	4.17	
DRO >C10-C28*	<10.0	10.0	04/21/2021	ND	215	107	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	04/21/2021	ND					

Surrogate: 1-Chlorooctane 58.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 59.3 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

RHOMBUS  
 MONICA CERVANTS  
 P.O. BOX 627  
 LITTLETON CO, 80160  
 Fax To: (575) 392-6611

Received:	04/20/2021	Sampling Date:	04/20/2021
Reported:	04/22/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	Cool & Intact
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: 042021 - D (H211003-04)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2021	ND	2.17	108	2.00	1.46		
Toluene*	<0.050	0.050	04/21/2021	ND	2.16	108	2.00	1.97		
Ethylbenzene*	<0.050	0.050	04/21/2021	ND	2.15	107	2.00	1.27		
Total Xylenes*	<0.150	0.150	04/21/2021	ND	6.17	103	6.00	0.635		
Total BTX	<0.300	0.300	04/21/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3280	16.0	04/22/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2021	ND	209	104	200	4.17	
DRO >C10-C28*	<10.0	10.0	04/21/2021	ND	215	107	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	04/21/2021	ND					

Surrogate: 1-Chlorooctane 65.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 65.0 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

RHOMBUS  
 MONICA CERVANTS  
 P.O. BOX 627  
 LITTLETON CO, 80160  
 Fax To: (575) 392-6611

Received:	04/20/2021	Sampling Date:	04/20/2021
Reported:	04/22/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	Cool & Intact
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: 042021 - E (H211003-05)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2021	ND	2.17	108	2.00	1.46		
Toluene*	<0.050	0.050	04/21/2021	ND	2.16	108	2.00	1.97		
Ethylbenzene*	<0.050	0.050	04/21/2021	ND	2.15	107	2.00	1.27		
Total Xylenes*	<0.150	0.150	04/21/2021	ND	6.17	103	6.00	0.635		
Total BTX	<0.300	0.300	04/21/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5040	16.0	04/22/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2021	ND	209	104	200	4.17	
DRO >C10-C28*	<10.0	10.0	04/21/2021	ND	215	107	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	04/21/2021	ND					

Surrogate: 1-Chlorooctane 71.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 70.7 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

RHOMBUS  
 MONICA CERVANTS  
 P.O. BOX 627  
 LITTLETON CO, 80160  
 Fax To: (575) 392-6611

Received:	04/20/2021	Sampling Date:	04/20/2021
Reported:	04/22/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	Cool & Intact
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: 042021 - F (H211003-06)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2021	ND	2.17	108	2.00	1.46		
Toluene*	<0.050	0.050	04/21/2021	ND	2.16	108	2.00	1.97		
Ethylbenzene*	<0.050	0.050	04/21/2021	ND	2.15	107	2.00	1.27		
Total Xylenes*	<0.150	0.150	04/21/2021	ND	6.17	103	6.00	0.635		
Total BTX	<0.300	0.300	04/21/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.9 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3280	16.0	04/22/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2021	ND	209	104	200	4.17	
DRO >C10-C28*	<10.0	10.0	04/21/2021	ND	215	107	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	04/21/2021	ND					

Surrogate: 1-Chlorooctane 76.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 75.9 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

RHOMBUS  
 MONICA CERVANTS  
 P.O. BOX 627  
 LITTLETON CO, 80160  
 Fax To: (575) 392-6611

Received:	04/20/2021	Sampling Date:	04/20/2021
Reported:	04/22/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	Cool & Intact
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: 042021 - G (H211003-07)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2021	ND	2.17	108	2.00	1.46	
Toluene*	<0.050	0.050	04/21/2021	ND	2.16	108	2.00	1.97	
Ethylbenzene*	<0.050	0.050	04/21/2021	ND	2.15	107	2.00	1.27	
Total Xylenes*	<0.150	0.150	04/21/2021	ND	6.17	103	6.00	0.635	
Total BTX	<0.300	0.300	04/21/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	04/22/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2021	ND	209	104	200	4.17	
DRO >C10-C28*	<10.0	10.0	04/21/2021	ND	215	107	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	04/21/2021	ND					

Surrogate: 1-Chlorooctane 76.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 76.3 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

RHOMBUS  
 MONICA CERVANTS  
 P.O. BOX 627  
 LITTLETON CO, 80160  
 Fax To: (575) 392-6611

Received:	04/20/2021	Sampling Date:	04/20/2021
Reported:	04/22/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	Cool & Intact
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: 042021 - H (H211003-08)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2021	ND	2.17	108	2.00	1.46		
Toluene*	<0.050	0.050	04/21/2021	ND	2.16	108	2.00	1.97		
Ethylbenzene*	<0.050	0.050	04/21/2021	ND	2.15	107	2.00	1.27		
Total Xylenes*	<0.150	0.150	04/21/2021	ND	6.17	103	6.00	0.635		
Total BTX	<0.300	0.300	04/21/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8660	16.0	04/22/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2021	ND	209	104	200	4.17	
DRO >C10-C28*	<10.0	10.0	04/21/2021	ND	215	107	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	04/21/2021	ND					

Surrogate: 1-Chlorooctane 79.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 80.2 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

RHOMBUS  
 MONICA CERVANTS  
 P.O. BOX 627  
 LITTLETON CO, 80160  
 Fax To: (575) 392-6611

Received:	04/20/2021	Sampling Date:	04/20/2021
Reported:	04/22/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	Cool & Intact
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: 042021 - I (H211003-09)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2021	ND	2.17	108	2.00	1.46		
Toluene*	<0.050	0.050	04/21/2021	ND	2.16	108	2.00	1.97		
Ethylbenzene*	<0.050	0.050	04/21/2021	ND	2.15	107	2.00	1.27		
Total Xylenes*	<0.150	0.150	04/21/2021	ND	6.17	103	6.00	0.635		
Total BTX	<0.300	0.300	04/21/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	04/22/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2021	ND	209	104	200	4.17	
DRO >C10-C28*	<10.0	10.0	04/21/2021	ND	215	107	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	04/21/2021	ND					

Surrogate: 1-Chlorooctane 68.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 68.2 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

RHOMBUS  
 MONICA CERVANTS  
 P.O. BOX 627  
 LITTLETON CO, 80160  
 Fax To: (575) 392-6611

Received:	04/20/2021	Sampling Date:	04/20/2021
Reported:	04/22/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	Cool & Intact
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: 042021 - J (H211003-10)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2021	ND	2.17	108	2.00	1.46	
Toluene*	<0.050	0.050	04/21/2021	ND	2.16	108	2.00	1.97	
Ethylbenzene*	<0.050	0.050	04/21/2021	ND	2.15	107	2.00	1.27	
Total Xylenes*	<0.150	0.150	04/21/2021	ND	6.17	103	6.00	0.635	
Total BTX	<0.300	0.300	04/21/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.5 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	04/22/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2021	ND	211	106	200	3.65	
DRO >C10-C28*	<10.0	10.0	04/21/2021	ND	255	127	200	5.84	
EXT DRO >C28-C36	<10.0	10.0	04/21/2021	ND					

Surrogate: 1-Chlorooctane 86.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 88.3 % 42.2-156

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

RHOMBUS  
 MONICA CERVANTS  
 P.O. BOX 627  
 LITTLETON CO, 80160  
 Fax To: (575) 392-6611

Received:	04/20/2021	Sampling Date:	04/20/2021
Reported:	04/22/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	Cool & Intact
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: 042021 - K (H211003-11)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2021	ND	2.17	108	2.00	1.46		
Toluene*	<0.050	0.050	04/21/2021	ND	2.16	108	2.00	1.97		
Ethylbenzene*	<0.050	0.050	04/21/2021	ND	2.15	107	2.00	1.27		
Total Xylenes*	<0.150	0.150	04/21/2021	ND	6.17	103	6.00	0.635		
Total BTX	<0.300	0.300	04/21/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	04/22/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2021	ND	211	106	200	3.65	
DRO >C10-C28*	<10.0	10.0	04/21/2021	ND	255	127	200	5.84	
EXT DRO >C28-C36	<10.0	10.0	04/21/2021	ND					

Surrogate: 1-Chlorooctane 88.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.3 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

RHOMBUS  
 MONICA CERVANTS  
 P.O. BOX 627  
 LITTLETON CO, 80160  
 Fax To: (575) 392-6611

Received:	04/20/2021	Sampling Date:	04/20/2021
Reported:	04/22/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	Cool & Intact
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: 042021 - L (H211003-12)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2021	ND	2.17	108	2.00	1.46		
Toluene*	<0.050	0.050	04/21/2021	ND	2.16	108	2.00	1.97		
Ethylbenzene*	<0.050	0.050	04/21/2021	ND	2.15	107	2.00	1.27		
Total Xylenes*	<0.150	0.150	04/21/2021	ND	6.17	103	6.00	0.635		
Total BTEx	<0.300	0.300	04/21/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2280	16.0	04/22/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2021	ND	211	106	200	3.65	
DRO >C10-C28*	10.4	10.0	04/21/2021	ND	255	127	200	5.84	
EXT DRO >C28-C36	<10.0	10.0	04/21/2021	ND					

Surrogate: 1-Chlorooctane 71.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 74.0 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

RHOMBUS  
 MONICA CERVANTS  
 P.O. BOX 627  
 LITTLETON CO, 80160  
 Fax To: (575) 392-6611

Received:	04/20/2021	Sampling Date:	04/20/2021
Reported:	04/22/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	Cool & Intact
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: 042021 - M (H211003-13)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2021	ND	2.17	108	2.00	1.46	
Toluene*	<0.050	0.050	04/21/2021	ND	2.16	108	2.00	1.97	
Ethylbenzene*	<0.050	0.050	04/21/2021	ND	2.15	107	2.00	1.27	
Total Xylenes*	<0.150	0.150	04/21/2021	ND	6.17	103	6.00	0.635	
Total BTX	<0.300	0.300	04/21/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.4 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	04/22/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2021	ND	211	106	200	3.65	
DRO >C10-C28*	<10.0	10.0	04/21/2021	ND	255	127	200	5.84	
EXT DRO >C28-C36	<10.0	10.0	04/21/2021	ND					

Surrogate: 1-Chlorooctane 72.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 72.9 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

RHOMBUS  
 MONICA CERVANTS  
 P.O. BOX 627  
 LITTLETON CO, 80160  
 Fax To: (575) 392-6611

Received:	04/20/2021	Sampling Date:	04/20/2021
Reported:	04/22/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	Cool & Intact
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: 042021 - N (H211003-14)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2021	ND	2.17	108	2.00	1.46		
Toluene*	<0.050	0.050	04/21/2021	ND	2.16	108	2.00	1.97		
Ethylbenzene*	<0.050	0.050	04/21/2021	ND	2.15	107	2.00	1.27		
Total Xylenes*	<0.150	0.150	04/21/2021	ND	6.17	103	6.00	0.635		
Total BTX	<0.300	0.300	04/21/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16600	16.0	04/22/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2021	ND	211	106	200	3.65	
DRO >C10-C28*	<10.0	10.0	04/21/2021	ND	255	127	200	5.84	
EXT DRO >C28-C36	<10.0	10.0	04/21/2021	ND					

Surrogate: 1-Chlorooctane 87.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.8 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

RHOMBUS  
 MONICA CERVANTS  
 P.O. BOX 627  
 LITTLETON CO, 80160  
 Fax To: (575) 392-6611

Received:	04/20/2021	Sampling Date:	04/20/2021
Reported:	04/22/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	Cool & Intact
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: 042021 - O (H211003-15)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2021	ND	2.17	108	2.00	1.46		
Toluene*	<0.050	0.050	04/21/2021	ND	2.16	108	2.00	1.97		
Ethylbenzene*	<0.050	0.050	04/21/2021	ND	2.15	107	2.00	1.27		
Total Xylenes*	<0.150	0.150	04/21/2021	ND	6.17	103	6.00	0.635		
Total BTX	<0.300	0.300	04/21/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7040	16.0	04/22/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2021	ND	211	106	200	3.65	
DRO >C10-C28*	<10.0	10.0	04/21/2021	ND	255	127	200	5.84	
EXT DRO >C28-C36	<10.0	10.0	04/21/2021	ND					

Surrogate: 1-Chlorooctane 94.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 93.9 % 42.2-156

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**Analytical Results For:**

RHOMBUS  
 MONICA CERVANTS  
 P.O. BOX 627  
 LITTLETON CO, 80160  
 Fax To: (575) 392-6611

Received:	04/20/2021	Sampling Date:	04/20/2021
Reported:	04/22/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	Cool & Intact
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: 042021 - P (H211003-16)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2021	ND	2.17	108	2.00	1.46		
Toluene*	<0.050	0.050	04/21/2021	ND	2.16	108	2.00	1.97		
Ethylbenzene*	<0.050	0.050	04/21/2021	ND	2.15	107	2.00	1.27		
Total Xylenes*	<0.150	0.150	04/21/2021	ND	6.17	103	6.00	0.635		
Total BTEx	<0.300	0.300	04/21/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4840	16.0	04/22/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2021	ND	211	106	200	3.65	
DRO >C10-C28*	83.0	10.0	04/21/2021	ND	255	127	200	5.84	
EXT DRO >C28-C36	33.5	10.0	04/21/2021	ND					

Surrogate: 1-Chlorooctane 85.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 92.8 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

RHOMBUS  
 MONICA CERVANTS  
 P.O. BOX 627  
 LITTLETON CO, 80160  
 Fax To: (575) 392-6611

Received:	04/20/2021	Sampling Date:	04/20/2021
Reported:	04/22/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	Cool & Intact
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: 042021 - Q (H211003-17)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2021	ND	2.17	108	2.00	1.46		
Toluene*	<0.050	0.050	04/21/2021	ND	2.16	108	2.00	1.97		
Ethylbenzene*	<0.050	0.050	04/21/2021	ND	2.15	107	2.00	1.27		
Total Xylenes*	<0.150	0.150	04/21/2021	ND	6.17	103	6.00	0.635		
Total BTX	<0.300	0.300	04/21/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	29200	16.0	04/22/2021	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2021	ND	211	106	200	3.65	
DRO >C10-C28*	183	10.0	04/21/2021	ND	255	127	200	5.84	
EXT DRO >C28-C36	198	10.0	04/21/2021	ND					

Surrogate: 1-Chlorooctane 81.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 100 % 42.2-156

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### Notes and Definitions

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

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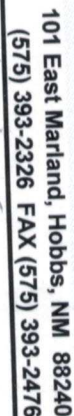
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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager





**BILL TO**

## ANALYSIS REQUEST

FOI#-000 K.S. 100104120





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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> Rhombus <b>Project Manager:</b> Greg Cielski <b>Address:</b> P.O. Box 627 <b>City:</b> Littleton <b>State:</b> CO <b>Zip:</b> 80160-0627 <b>Phone #:</b> 720-839-2555 <b>Fax #:</b> <b>Project #:</b> 2 <b>Project Owner:</b> Greg Cielski <b>Project Name:</b> 5044 H. Moore Sub #3 <b>Project Location:</b> 3302149.6611N 103°45'51.7911W <b>Sample Name:</b> Mineral Servantes, CSP		<b>P.O. #:</b> <b>Company:</b> Rhombus <b>Attn:</b> Greg Cielski <b>Address:</b> P.O. Box 627 <b>City:</b> Littleton <b>State:</b> CO <b>Zip:</b> 80160-0627 <b>Phone #:</b> 720-839-2555 <b>Fax #:</b>	
<b>Lab I.D.</b> Sample I.D. HZ11003 11 042021-K 12 042021-L 13 042021-M 14 042021-N 15 042021-O 16 042021-P 17 042021-Q		<b>BILL TO</b> <b>ANALYSIS REQUEST</b>	
<b>FOR LAB USE ONLY</b> (G) RAB OR (C) OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : DATE TIME		MATRIX PRESERV SAMPLING TPIH CL BTEX	
<b>Relinquished By:</b> [Signature] <b>Date:</b> 4-20-21 <b>Time:</b> 1440 <b>Relinquished By:</b> [Signature] <b>Date:</b> 4-20-21 <b>Time:</b> 1440 <b>Received By:</b> [Signature] <b>Date:</b> 4-20-21 <b>Time:</b> 1440		<b>Verbal Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Phone #:</b> <b>All Results are emailed. Please provide Email address:</b> <b>REMARKS:</b> evaluate@grail.com, reg@rhombus.com	
<b>Delivered By:</b> (Circle One) Observed Temp. °C 5.6 Corrected Temp. °C Sample - UPS - Bus - Other:		<b>Sample Condition</b> Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> <b>CHECKED BY:</b> (Initials) [Signature] <b>Turnaround Time:</b> Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #113 Correction Factor None <b>Bacteria (only) Sample Condition</b> Cool Intact <input type="checkbox"/> Observed Temp. °C Yes <input type="checkbox"/> No <input type="checkbox"/> Corrected Temp. °C	

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabs.com



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June 14, 2021

MONICA CERVANTS

RHOMBUS

P.O. BOX 627

LITTLETON, CO 80160

RE: JOHN H. MOORE SWD #3

Enclosed are the results of analyses for samples received by the laboratory on 06/09/21 14:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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**Analytical Results For:**

RHOMBUS  
MONICA CERVANTS  
P.O. BOX 627  
LITTLETON CO, 80160  
Fax To: (575) 392-6611

Received:	06/09/2021	Sampling Date:	06/09/2021
Reported:	06/14/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	** (See Notes)
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: Q D6 (H211489-01)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2021	ND	2.05	102	2.00	0.798		
Toluene*	<0.050	0.050	06/10/2021	ND	2.00	100	2.00	1.07		
Ethylbenzene*	<0.050	0.050	06/10/2021	ND	1.93	96.6	2.00	1.14		
Total Xylenes*	<0.150	0.150	06/10/2021	ND	5.84	97.4	6.00	1.16		
Total BTEX	<0.300	0.300	06/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	832	16.0	06/10/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2021	ND	193	96.5	200	0.850	
DRO >C10-C28*	11.2	10.0	06/11/2021	ND	205	102	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	06/11/2021	ND					

Surrogate: 1-Chlorooctane 89.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.1 % 38.9-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

RHOMBUS  
 MONICA CERVANTS  
 P.O. BOX 627  
 LITTLETON CO, 80160  
 Fax To: (575) 392-6611

Received:	06/09/2021	Sampling Date:	06/09/2021
Reported:	06/14/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	** (See Notes)
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: R D6 (H211489-02)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2021	ND	2.05	102	2.00	0.798	
Toluene*	<0.050	0.050	06/10/2021	ND	2.00	100	2.00	1.07	
Ethylbenzene*	<0.050	0.050	06/10/2021	ND	1.93	96.6	2.00	1.14	
Total Xylenes*	<0.150	0.150	06/10/2021	ND	5.84	97.4	6.00	1.16	
Total BTEx	<0.300	0.300	06/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	06/10/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2021	ND	193	96.5	200	0.850	
DRO >C10-C28*	<10.0	10.0	06/11/2021	ND	205	102	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	06/11/2021	ND					

Surrogate: 1-Chlorooctane 88.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

RHOMBUS  
 MONICA CERVANTS  
 P.O. BOX 627  
 LITTLETON CO, 80160  
 Fax To: (575) 392-6611

Received:	06/09/2021	Sampling Date:	06/09/2021
Reported:	06/14/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	** (See Notes)
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: S D6 (H211489-03)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2021	ND	2.05	102	2.00	0.798	
Toluene*	<0.050	0.050	06/10/2021	ND	2.00	100	2.00	1.07	
Ethylbenzene*	<0.050	0.050	06/10/2021	ND	1.93	96.6	2.00	1.14	
Total Xylenes*	<0.150	0.150	06/10/2021	ND	5.84	97.4	6.00	1.16	
Total BTEx	<0.300	0.300	06/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/10/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2021	ND	193	96.5	200	0.850	
DRO >C10-C28*	<10.0	10.0	06/11/2021	ND	205	102	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	06/11/2021	ND					

Surrogate: 1-Chlorooctane 86.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.8 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

RHOMBUS  
 MONICA CERVANTS  
 P.O. BOX 627  
 LITTLETON CO, 80160  
 Fax To: (575) 392-6611

Received:	06/09/2021	Sampling Date:	06/09/2021
Reported:	06/14/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	** (See Notes)
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: T D6 (H211489-04)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2021	ND	2.12	106	2.00	3.44		
Toluene*	<0.050	0.050	06/10/2021	ND	2.08	104	2.00	3.57		
Ethylbenzene*	<0.050	0.050	06/10/2021	ND	1.99	99.7	2.00	3.65		
Total Xylenes*	<0.150	0.150	06/10/2021	ND	6.01	100	6.00	3.28		
Total BTX	<0.300	0.300	06/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1310	16.0	06/10/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2021	ND	193	96.5	200	0.850	
DRO >C10-C28*	<10.0	10.0	06/11/2021	ND	205	102	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	06/11/2021	ND					

Surrogate: 1-Chlorooctane 86.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.1 % 38.9-142

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**Analytical Results For:**

RHOMBUS  
 MONICA CERVANTS  
 P.O. BOX 627  
 LITTLETON CO, 80160  
 Fax To: (575) 392-6611

Received:	06/09/2021	Sampling Date:	06/09/2021
Reported:	06/14/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	** (See Notes)
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: QSTM D6 (H211489-05)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2021	ND	2.12	106	2.00	3.44		
Toluene*	<0.050	0.050	06/10/2021	ND	2.08	104	2.00	3.57		
Ethylbenzene*	<0.050	0.050	06/10/2021	ND	1.99	99.7	2.00	3.65		
Total Xylenes*	<0.150	0.150	06/10/2021	ND	6.01	100	6.00	3.28		
Total BTX	<0.300	0.300	06/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	06/10/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2021	ND	207	103	200	1.37	
DRO >C10-C28*	<10.0	10.0	06/11/2021	ND	217	108	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	06/11/2021	ND					

Surrogate: 1-Chlorooctane 81.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.0 % 38.9-142

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**Analytical Results For:**

RHOMBUS  
 MONICA CERVANTS  
 P.O. BOX 627  
 LITTLETON CO, 80160  
 Fax To: (575) 392-6611

Received:	06/09/2021	Sampling Date:	06/09/2021
Reported:	06/14/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	** (See Notes)
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: C D6 (H211489-06)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2021	ND	2.12	106	2.00	3.44	
Toluene*	<0.050	0.050	06/10/2021	ND	2.08	104	2.00	3.57	
Ethylbenzene*	<0.050	0.050	06/10/2021	ND	1.99	99.7	2.00	3.65	
Total Xylenes*	<0.150	0.150	06/10/2021	ND	6.01	100	6.00	3.28	
Total BTEx	<0.300	0.300	06/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1500	16.0	06/10/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2021	ND	207	103	200	1.37	
DRO >C10-C28*	<10.0	10.0	06/11/2021	ND	217	108	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	06/11/2021	ND					

Surrogate: 1-Chlorooctane 83.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 86.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

RHOMBUS  
 MONICA CERVANTS  
 P.O. BOX 627  
 LITTLETON CO, 80160  
 Fax To: (575) 392-6611

Received:	06/09/2021	Sampling Date:	06/09/2021
Reported:	06/14/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	** (See Notes)
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: B D6 (H211489-07)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2021	ND	2.12	106	2.00	3.44		
Toluene*	<0.050	0.050	06/10/2021	ND	2.08	104	2.00	3.57		
Ethylbenzene*	<0.050	0.050	06/10/2021	ND	1.99	99.7	2.00	3.65		
Total Xylenes*	<0.150	0.150	06/10/2021	ND	6.01	100	6.00	3.28		
Total BTX	<0.300	0.300	06/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1570	16.0	06/10/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2021	ND	207	103	200	1.37	
DRO >C10-C28*	<10.0	10.0	06/11/2021	ND	217	108	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	06/11/2021	ND					

Surrogate: 1-Chlorooctane 87.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.6 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

RHOMBUS  
 MONICA CERVANTS  
 P.O. BOX 627  
 LITTLETON CO, 80160  
 Fax To: (575) 392-6611

Received:	06/09/2021	Sampling Date:	06/09/2021
Reported:	06/14/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	** (See Notes)
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: Q2 D6 (H211489-08)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2021	ND	2.12	106	2.00	3.44		
Toluene*	<0.050	0.050	06/10/2021	ND	2.08	104	2.00	3.57		
Ethylbenzene*	<0.050	0.050	06/10/2021	ND	1.99	99.7	2.00	3.65		
Total Xylenes*	<0.150	0.150	06/10/2021	ND	6.01	100	6.00	3.28		
Total BTEx	<0.300	0.300	06/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2840	16.0	06/10/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2021	ND	207	103	200	1.37	
DRO >C10-C28*	<10.0	10.0	06/11/2021	ND	217	108	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	06/11/2021	ND					

Surrogate: 1-Chlorooctane 85.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.0 % 38.9-142

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**Analytical Results For:**

RHOMBUS  
 MONICA CERVANTS  
 P.O. BOX 627  
 LITTLETON CO, 80160  
 Fax To: (575) 392-6611

Received:	06/09/2021	Sampling Date:	06/09/2021
Reported:	06/14/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	** (See Notes)
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: W D6 (H211489-09)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2021	ND	2.12	106	2.00	3.44	
Toluene*	<0.050	0.050	06/10/2021	ND	2.08	104	2.00	3.57	
Ethylbenzene*	<0.050	0.050	06/10/2021	ND	1.99	99.7	2.00	3.65	
Total Xylenes*	<0.150	0.150	06/10/2021	ND	6.01	100	6.00	3.28	
Total BTEx	<0.300	0.300	06/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	06/10/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2021	ND	207	103	200	1.37	
DRO >C10-C28*	11.1	10.0	06/11/2021	ND	217	108	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	06/11/2021	ND					

Surrogate: 1-Chlorooctane 75.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 76.5 % 38.9-142

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**Analytical Results For:**

RHOMBUS  
 MONICA CERVANTS  
 P.O. BOX 627  
 LITTLETON CO, 80160  
 Fax To: (575) 392-6611

Received:	06/09/2021	Sampling Date:	06/09/2021
Reported:	06/14/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	** (See Notes)
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: V D6 (H211489-10)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2021	ND	2.12	106	2.00	3.44	
Toluene*	<0.050	0.050	06/10/2021	ND	2.08	104	2.00	3.57	
Ethylbenzene*	<0.050	0.050	06/10/2021	ND	1.99	99.7	2.00	3.65	
Total Xylenes*	<0.150	0.150	06/10/2021	ND	6.01	100	6.00	3.28	
Total BTEx	<0.300	0.300	06/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	06/10/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2021	ND	207	103	200	1.37	
DRO >C10-C28*	265	10.0	06/11/2021	ND	217	108	200	3.54	
EXT DRO >C28-C36	442	10.0	06/11/2021	ND					

Surrogate: 1-Chlorooctane 79.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.6 % 38.9-142

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**Analytical Results For:**

RHOMBUS  
 MONICA CERVANTS  
 P.O. BOX 627  
 LITTLETON CO, 80160  
 Fax To: (575) 392-6611

Received:	06/09/2021	Sampling Date:	06/09/2021
Reported:	06/14/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	** (See Notes)
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: O D6 (H211489-11)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2021	ND	2.12	106	2.00	3.44		
Toluene*	<0.050	0.050	06/10/2021	ND	2.08	104	2.00	3.57		
Ethylbenzene*	<0.050	0.050	06/10/2021	ND	1.99	99.7	2.00	3.65		
Total Xylenes*	<0.150	0.150	06/10/2021	ND	6.01	100	6.00	3.28		
Total BTX	<0.300	0.300	06/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5040	16.0	06/10/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2021	ND	207	103	200	1.37	
DRO >C10-C28*	<10.0	10.0	06/11/2021	ND	217	108	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	06/11/2021	ND					

Surrogate: 1-Chlorooctane 80.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.9 % 38.9-142

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**Analytical Results For:**

RHOMBUS  
 MONICA CERVANTS  
 P.O. BOX 627  
 LITTLETON CO, 80160  
 Fax To: (575) 392-6611

Received:	06/09/2021	Sampling Date:	06/09/2021
Reported:	06/14/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	** (See Notes)
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: M D6 (H211489-12)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2021	ND	2.12	106	2.00	3.44	
Toluene*	<0.050	0.050	06/10/2021	ND	2.08	104	2.00	3.57	
Ethylbenzene*	<0.050	0.050	06/10/2021	ND	1.99	99.7	2.00	3.65	
Total Xylenes*	<0.150	0.150	06/10/2021	ND	6.01	100	6.00	3.28	
Total BTEx	<0.300	0.300	06/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	06/10/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2021	ND	207	103	200	1.37	
DRO >C10-C28*	<10.0	10.0	06/11/2021	ND	217	108	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	06/11/2021	ND					

Surrogate: 1-Chlorooctane 96.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 96.6 % 38.9-142

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**Analytical Results For:**

RHOMBUS  
 MONICA CERVANTS  
 P.O. BOX 627  
 LITTLETON CO, 80160  
 Fax To: (575) 392-6611

Received:	06/09/2021	Sampling Date:	06/09/2021
Reported:	06/14/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	** (See Notes)
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: K D6 (H211489-13)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2021	ND	2.12	106	2.00	3.44	
Toluene*	<0.050	0.050	06/10/2021	ND	2.08	104	2.00	3.57	
Ethylbenzene*	<0.050	0.050	06/10/2021	ND	1.99	99.7	2.00	3.65	
Total Xylenes*	<0.150	0.150	06/10/2021	ND	6.01	100	6.00	3.28	
Total BTEx	<0.300	0.300	06/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	06/10/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2021	ND	207	103	200	1.37	
DRO >C10-C28*	<10.0	10.0	06/11/2021	ND	217	108	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	06/11/2021	ND					

Surrogate: 1-Chlorooctane 89.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 89.8 % 38.9-142

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**Analytical Results For:**

RHOMBUS  
 MONICA CERVANTS  
 P.O. BOX 627  
 LITTLETON CO, 80160  
 Fax To: (575) 392-6611

Received:	06/09/2021	Sampling Date:	06/09/2021
Reported:	06/14/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	** (See Notes)
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: H D6 (H211489-14)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2021	ND	2.12	106	2.00	3.44		
Toluene*	<0.050	0.050	06/10/2021	ND	2.08	104	2.00	3.57		
Ethylbenzene*	<0.050	0.050	06/10/2021	ND	1.99	99.7	2.00	3.65		
Total Xylenes*	<0.150	0.150	06/10/2021	ND	6.01	100	6.00	3.28		
Total BTEx	<0.300	0.300	06/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4360	16.0	06/10/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2021	ND	207	103	200	1.37	
DRO >C10-C28*	<10.0	10.0	06/11/2021	ND	217	108	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	06/11/2021	ND					

Surrogate: 1-Chlorooctane 94.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.8 % 38.9-142

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**Analytical Results For:**

RHOMBUS  
 MONICA CERVANTS  
 P.O. BOX 627  
 LITTLETON CO, 80160  
 Fax To: (575) 392-6611

Received:	06/09/2021	Sampling Date:	06/09/2021
Reported:	06/14/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	** (See Notes)
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: F D6 (H211489-15)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2021	ND	2.12	106	2.00	3.44	
Toluene*	<0.050	0.050	06/10/2021	ND	2.08	104	2.00	3.57	
Ethylbenzene*	<0.050	0.050	06/10/2021	ND	1.99	99.7	2.00	3.65	
Total Xylenes*	<0.150	0.150	06/10/2021	ND	6.01	100	6.00	3.28	
Total BTEx	<0.300	0.300	06/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2480	16.0	06/10/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2021	ND	207	103	200	1.37	
DRO >C10-C28*	<10.0	10.0	06/11/2021	ND	217	108	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	06/11/2021	ND					

Surrogate: 1-Chlorooctane 83.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.0 % 38.9-142

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**Analytical Results For:**

RHOMBUS  
 MONICA CERVANTS  
 P.O. BOX 627  
 LITTLETON CO, 80160  
 Fax To: (575) 392-6611

Received:	06/09/2021	Sampling Date:	06/09/2021
Reported:	06/14/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	** (See Notes)
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: E D6 (H211489-16)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2021	ND	2.12	106	2.00	3.44		
Toluene*	<0.050	0.050	06/10/2021	ND	2.08	104	2.00	3.57		
Ethylbenzene*	<0.050	0.050	06/10/2021	ND	1.99	99.7	2.00	3.65		
Total Xylenes*	<0.150	0.150	06/10/2021	ND	6.01	100	6.00	3.28		
Total BTEx	<0.300	0.300	06/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3640	16.0	06/10/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2021	ND	207	103	200	1.37	
DRO >C10-C28*	<10.0	10.0	06/11/2021	ND	217	108	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	06/11/2021	ND					

Surrogate: 1-Chlorooctane 90.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.5 % 38.9-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

RHOMBUS  
 MONICA CERVANTS  
 P.O. BOX 627  
 LITTLETON CO, 80160  
 Fax To: (575) 392-6611

Received:	06/09/2021	Sampling Date:	06/09/2021
Reported:	06/14/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	** (See Notes)
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: D D6 (H211489-17)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2021	ND	2.12	106	2.00	3.44	
Toluene*	<0.050	0.050	06/10/2021	ND	2.08	104	2.00	3.57	
Ethylbenzene*	<0.050	0.050	06/10/2021	ND	1.99	99.7	2.00	3.65	
Total Xylenes*	<0.150	0.150	06/10/2021	ND	6.01	100	6.00	3.28	
Total BTEx	<0.300	0.300	06/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2760	16.0	06/10/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2021	ND	207	103	200	1.37	
DRO >C10-C28*	<10.0	10.0	06/11/2021	ND	217	108	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	06/11/2021	ND					

Surrogate: 1-Chlorooctane 86.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

RHOMBUS  
 MONICA CERVANTS  
 P.O. BOX 627  
 LITTLETON CO, 80160  
 Fax To: (575) 392-6611

Received:	06/09/2021	Sampling Date:	06/09/2021
Reported:	06/14/2021	Sampling Type:	Soil
Project Name:	JOHN H. MOORE SWD #3	Sampling Condition:	** (See Notes)
Project Number:	2	Sample Received By:	Tamara Oldaker
Project Location:	33 DEG., 21'49.66"N, 103 DEG. 40'54.79 "W		

**Sample ID: BC DM6 (H211489-18)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2021	ND	2.12	106	2.00	3.44		
Toluene*	<0.050	0.050	06/10/2021	ND	2.08	104	2.00	3.57		
Ethylbenzene*	<0.050	0.050	06/10/2021	ND	1.99	99.7	2.00	3.65		
Total Xylenes*	<0.150	0.150	06/10/2021	ND	6.01	100	6.00	3.28		
Total BTEx	<0.300	0.300	06/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	06/10/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2021	ND	207	103	200	1.37	
DRO >C10-C28*	14.6	10.0	06/11/2021	ND	217	108	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	06/11/2021	ND					

Surrogate: 1-Chlorooctane 83.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager

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### Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

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Celey D. Keene, Lab Director/Quality Manager



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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> Rhombus <b>Project Manager:</b> Greg Cielski <b>Address:</b> P.O. Box 627 <b>City:</b> Littleton <b>State:</b> CO <b>Zip:</b> 80160-0627 <b>Phone #:</b> 720-639-2550 <b>Fax #:</b> <b>Project #:</b> 2 <b>Project Owner:</b> Greg Cielski <b>Project Name:</b> John H. Moore SWD <b>Project Location:</b> 33°21'49" 66°N, 103°40'59.79"W <b>Sample Name:</b> Monica P. Cervantes, CSF		<b>P.O. #:</b> <b>Company:</b> Rhombus <b>Attn:</b> Greg Cielski <b>Address:</b> P.O. Box 627 <b>City:</b> Littleton <b>State:</b> CO <b>Zip:</b> 80160-0627 <b>Phone #:</b> 720-639-2550 <b>Fax #:</b>	
<b>FOR LAB USE ONLY</b>		<b>BILL TO</b>	
<b>Lab I.D.</b>		<b>ANALYSIS REQUEST</b>	
<b>Sample I.D.</b>		<b>DATE</b>	
1 ADL (G)RAB OR (C)OMP. # CONTAINERS 2 RDG 3 SDG 4 TDG 5 ASTMDG 6 BDG 7 WDG 8 VDG 9 10		6/9/21 10:42 AM 10:45 AM 10:48 AM 10:50 AM 10:51 AM 10:54 AM 10:58 AM 11:02 AM 11:04 AM 11:06 AM	
MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:		PRESERV ACID/BASE: ICE / COOL OTHER:	
SAMPLING		TPH CL BTEX	
Relinquished By: <i>Monica P. Cervantes</i> Date: 6-9-21 Time: 1420		Received By: <i>Monica P. Cervantes</i> Date: 6-9-21 Time: 1420	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C 9.7 Corrected Temp. °C Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Checked By: (Initials) <i>AC</i>	
Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #113 Correction Factor None		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address: REMARKS: <i>elvalab@gmail.com, greg@rhombusop.com</i>	

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com





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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> Rhombus <b>Project Manager:</b> Greg Cielski <b>Address:</b> P.O. Box 627 <b>City:</b> Littleton <b>State:</b> CO <b>zip:</b> 80160-0627 <b>Phone #:</b> 720-839-2550 <b>Fax #:</b> <b>Project #:</b> 2 <b>Project Owner:</b> Greg Cielski <b>Project Name:</b> 30th St. More SW <b>Project Location:</b> 33°21'49"N, 103°40'54"W <b>Sample Name:</b> Municipal Wastewater, CSP		<b>BILL TO</b> <b>P.O. #:</b> <b>Company:</b> Rhombus <b>Attn:</b> Greg Cielski <b>Address:</b> P.O. Box 627 <b>City:</b> Littleton <b>State:</b> CO <b>zip:</b> 80160-0627 <b>Phone #:</b> 720-839-2550 <b>Fax #:</b>	
<b>FOR LAB USE ONLY</b> <b>Lab I.D.</b> <b>Sample I.D.</b>		<b>MATRIX</b> (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	
<b>PLEASE NOTE:</b> Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.		<b>PRESERV.</b> <b>SAMPLING</b>	
<b>Relinquished By:</b> M. Powell <b>Relinquished Date:</b> 6-9-21 <b>Received By:</b> [Signature] <b>Received Date:</b> 6-9-21		<b>Verbal Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Phone #:</b> <b>All Results are emailed. Please provide Email address:</b> <b>REMARKS:</b> eval@ke@gmail.com, greg@rhombus.co.com	
<b>Delivered By: (Circle One)</b> Sampler - UPS - Bus - Other:		<b>Observed Temp. °C</b> 9.7 <b>Corrected Temp. °C</b> <b>Sample Condition</b> Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <b>CHECKED BY:</b> [Signature] <b>Turnaround Time:</b> <b>Thermometer ID #113</b> <b>Correction Factor None</b> <b>Standard</b> <input checked="" type="checkbox"/> <b>Rush</b> <input type="checkbox"/> <b>Bacteria (only)</b> <input type="checkbox"/> <b>Sample Condition</b> Cool Intact <input type="checkbox"/> <b>Observed Temp. °C</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <b>Corrected Temp. °C</b>	

**Moore SWD #3 Spill Report**  
**EGL Resources Inc.**

1. Benjamin Pearce, the son of the landowner, notified the NMOCD of a spill at the Moore SWD #3 on the morning of January 26. Gary Robinson of the NMOCD inspected the site that day.
2. On January 26, the lease operator, Eddie Jaramillo, had a vacuum truck suck up all free water (5 bbls). The leak was caused by a hole in a corroded portion of the injection line, a few feet from the wellhead. A roustabout gang repaired the corroded pipe.
3. On February 5, 20 yards of contaminated soil were removed from the spill site and hauled to Gandy Marley disposal site.
4. The Notification of Release C-141A) was filed with the NMOCD on February 8, 2021.
5. Email correspondence on March 24 from Mike Bratcher, NMOCD Incident Supervisor: "This release did get assigned an incident number, which you will need to submit the C-141. It is: nAPP2103945261"
6. Twin Horse Environmental (Monica Cervantes) was hired in March to help with the sampling and to coordinate the cleanup with the NMOCD.
7. On April 20 Monica Cervantes took 17 soil samples from a depth of 0-3" and sent them to the lab for analysis.
8. On May 3 Monica Cervantes took 6 soil samples from a depth of 0-3" and sent them to the lab for analysis.
9. On June 6 Monica Cervantes took 18 soil samples from a depth of 3-6" and sent them to the lab for analysis.
10. Water well data included with this report show six fresh water wells located within about 0.5 miles of the spill site. The depth to ground water for these six wells ranges from 52' to 94'. The applicable portion of 19.15.29.12 NMAC Table 1 "Closure Criteria for Soils Impacted by a Release" is shown here:

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



11. A total of 41 soil samples were taken and were analyzed by the Cardinal laboratories. The "Laboratory Data Summary.xlsx" document shows the results of all the laboratory tests and the GPS locations of each sample point. The Sample Point locations are shown in the "Moore SWD Sample Points Locations.jpg" picture files. The flow path of the spill was from the leak point (about 3' from the wellhead on the elevated portion of the injection line) towards Point N.
12. Of the 41 soil samples taken, three (Points A, N, and Q) were not in compliance with the Closure Criteria. They had chloride values higher than the 10,000 ppm limit (11500, 16600 and 29200). All other constituents for these 3 samples, and all constituents for the remaining 38 sample points, were in compliance with the Closure Criteria.

#### Proposed Remediation Plan

EGL Resources proposes to remove 15-20 yards of contaminated soil and dispose of it at the Gandy Marley disposal site. The soil to be removed would be within the area encompassed by Points A, N and Q, along with a few feet of adjoining area, from a depth of 0-3". This area is shown by the yellow line on the photo "Moore SWD Proposed Area to Remediate.jpg". We are proposing to not do any additional sampling since all the surrounding sample points, including those below (deeper than) the proposed remediation area, were well within the Closure Criteria limits.

The schedule for doing this work would be as soon as possible after the NMOCD approves the plan (probably within a week or two). The work should all be able to be completed in one day.

**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

Action 40991

**CONDITIONS**

Operator: E G L RESOURCES INC P.O. Box 10886 Midland, TX 79702	OGRID: 173413
	Action Number: 40991
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
chensley	All (floor/sidewall) closure samples on pad will need to meet closure criteria standards for depth to water of 51'-100' in Table 1 of the Spill Rule. Floor and sidewall composite samples to exceed no greater than 200 sq/ft.	9/20/2021
chensley	The OCD request a additional sample to a depth of 3ft near point A to show delineation. This sample will be to the left of sample A by 2ft next to the wellhead according to your attached picture showing sample points.	9/20/2021