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	NAPP2210932844
District RP	
Facility ID	
Application ID	

#### **Remediation Plan**

Remediation Plan Checklist: Each of the following items must be i	ncluded in the plan.
<ul> <li>☑ Detailed description of proposed remediation technique</li> <li>☑ Scaled sitemap with GPS coordinates showing delineation points</li> <li>☑ Estimated volume of material to be remediated</li> <li>☑ Closure criteria is to Table 1 specifications subject to 19.15.29.12</li> <li>☑ Proposed schedule for remediation (note if remediation plan timel</li> </ul>	
Deferral Requests Only: Each of the following items must be confi	wand as nave of any request for deferral of remediation
Deterral Requests Only: Luch of the following tiems must be confi	rmeu as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around produceonstruction.	duction equipment where remediation could cause a major facility
Extents of contamination must be fully delineated.	
Contamination does not cause an imminent risk to human health,	he environment, or groundwater.
I hereby certify that the information given above is true and complete rules and regulations all operators are required to report and/or file cerwhich may endanger public health or the environment. The acceptance liability should their operations have failed to adequately investigate a surface water, human health or the environment. In addition, OCD ac responsibility for compliance with any other federal, state, or local law	tain release notifications and perform corrective actions for releases e of a C-141 report by the OCD does not relieve the operator of nd remediate contamination that pose a threat to groundwater, ceptance of a C-141 report does not relieve the operator of
Printed Name: Robert Dunaway	Title: Senior Environmental Engineer
Signature: All	Date: 12/13/22
email: <u>rhdunaway@eprod.com</u>	Telephone:575-628-6802
OCD Only	
Received by:Jocelyn Harimon	Date:12/14/2022
Approved	pproval
Signature: D	ate:



September 13, 2022

#5E31002-BG5

Mr. Robert Hamlet NMOCD District 2 811 S. First St Artesia, New Mexico 88210

SUBJECT: Remediation Plan for the Poker Lake Discharge (Line 16-24-30) Release (nAPP2210932844), Eddy County, New Mexico

#### Mr. Hamlet:

On behalf of Enterprise Field Services LLC (Enterprise), Souder, Miller & Associates (SMA) has prepared this Remediation Plan for a release of produced water and natural gas related to oil and gas gathering activities at the Poker Lake Discharge (Line 16-24-30) Release (nAPP2210932844) site. The site is in Unit B, Section 30, Township 24S, Range 30E, Eddy County, New Mexico, on public land administered by the Bureau of Land Management (BLM). A topographic map showing the release location is included as Figure 1 and an aerial site map is included as Figure 2.

The gas portion of this release constitutes venting that occurred during an emergency or malfunction, as authorized by NMOCD regulations at NMAC 19.15.28.8.A and B(1). This release therefore is not prohibited by NMAC 19.15.29.8.A.

	Table 1: Release Information and Closure Criteria								
Name	Poker Lake Discharge (Line 16-24-30)	Company	Enterprise Field Services LLC						
API Number	N/A	Location	32.194002, -103.917758						
Tracking Number	n <i>l</i>	\PP2210932844							
Date Release Discovered	April 18, 2022	Land Status	Federal (BLM)						
Source of Release	Hole in gathering pipeline								
Released Volume	6 barrels (bbls) Produced Water 331 Mcf Natural Gas	Recovered Volume	bbls Produced Water     Mcf Natural Gas						
NMOCD Closure Criteria	51-100 feet to groundwater								
SMA Response Dates	May 2, 2022; and July 20 through July 21, 2022								

Poker Lake Discharge (Line 16-24-30) Remediation Plan Report September 13, 2022

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#### 1.0 Background

On April 18, 2022, a release of produced water and natural gas was discovered at the Poker Lake Discharge (Line 16-24-30) site due to a hole in the gathering pipeline. Initial response activities were conducted by Enterprise which included source elimination and containment activities. A copy of the C-141 form is included in Appendix A.

#### 2.0 Site Information and Closure Criteria

The Poker Lake Discharge (Line 16-24-30) is an active gathering pipeline located approximately 11 miles southeast of Malaga, New Mexico on Federal (BLM) land at an elevation of approximately 3,160 feet above mean sea level (amsl).

#### **Depth to Groundwater**

A search of the New Mexico Office of the State Engineer (OSE) New Mexico Water Rights Reporting System (NMWRRS) and the United States Geological Society (USGS) National Water Information System did not yield any results within ½-mile of the site (Appendix B). Registered wells in the vicinity are shown on Figure 1. Also, as described in below in Section 4.0, no groundwater was encountered in the borings advanced during site characterization activities, thus groundwater is greater than 56 feet below grade surface (bgs).

#### Wellhead Protection Area

As stated above, there are no known groundwater sources within ½-mile of the location, according to the OSE NMWRRS and USGS National Water Information System. Registered wells in the vicinity are shown on Figure 1.

#### Distance to Nearest Significant Watercourse

The site is located approximately 1,200 feet north of Pierce Canyon.

#### Closure Criteria

Table 2 demonstrates the Closure Criteria applicable to this location. Figures 1 and 2 illustrate the 500 and 1,000-foot and the 0.5-mile radii which indicate that the site does not lie within a sensitive area as described in Paragraph (4) of Subsection (C) of 19.15.29.12 NMAC.

Based on the information presented herein, the applicable NMOCD Closure Criteria for this site is for a groundwater depth of between 51-100 feet bgs. In addition to meeting the Closure Criteria, the top four feet of impacted areas will be subject to the reclamation standard of Paragraph (1) of Subsection (D) of 19.15.29.13 NMAC.

#### 3.0 Initial Release Characterization

On May 2, 2022, following pipeline repair and excavation activities, SMA personnel provided excavation guidance and excavation confirmation sampling at the release site.

During excavation guidance, soil samples were field screened for volatile organic compounds (VOCs) using a calibrated MiniRAE 3000 photoionization detector (PID) equipped with a 10.6 eV lamp. Field notes are included in Appendix C.

Eighteen composite confirmation samples were collected from the initial excavation for laboratory analysis for total chloride using United States Environmental Protection Agency (USEPA) Method 300.0; benzene, toluene, ethylbenzene and total xylenes (BTEX) using USEPA Method 8021B; and total petroleum hydrocarbons (TPH) as motor, diesel and gasoline range organics (MRO, DRO, and GRO) by USEPA Method 8015D. Excavation samples were composed of 5-point composites collected every 200

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Poker Lake Discharge (Line 16-24-30) Remediation Plan Report September 13, 2022

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square feet or less in accordance with the sampling protocol included in Appendix D. A copy of the confirmation sampling notification email is included in Appendix E.

The initial remediation excavation measured approximately 29 feet by 18 feet with a depth of 16 feet. Excavation extents and confirmation sample locations are depicted in Figure 3. A photo log is included in Appendix F. Excavation confirmation laboratory results are summarized in Table 3. Laboratory reports are included in Appendix G.

Laboratory analytical results, in conjunction with field screening results, indicated that benzene, total BTEX, TPH and/or chloride concentrations are above the Closure Criteria or reclamation standard, as applicable, in the north and east excavation sidewalls and excavation base. Due to the depth and sloughing sidewalls of the excavation, the excavation was backfilled with the spoils pending additional release characterization. An extension request was submitted to and approved by the NMOCD on June 1, 2022. A copy of this correspondence is included in Appendix E.

#### 4.0 Continued Release Characterization

On July 20 through 21, 2022, five soil borings (BH-01 through BH-05) were advanced in the release area using a drill rig operated by Enviro-Drill, Inc. of Albuquerque, New Mexico. The borings were advanced through the alluvium and into the underlying rock using a combination of hollow-stem auger and air-rotary drilling techniques. Samples were field screened for VOCs as described previously. Sample intervals representing the highest field screening results, changes in lithology, and/or the deepest sampled interval of the boring were submitted for laboratory analysis. Laboratory analytical results indicated concentrations of constituents of concern were below laboratory reporting limits for all samples except for chloride concentrations which ranged from below laboratory reporting limits up to 279 milligrams per kilogram (mg/kg).

No groundwater was encountered during the drilling of the borings. Boring BH-01 was left open for more than 48-hours at a depth of 56.5 feet bgs, then reassessed for the presence of groundwater, which was not found to be present.

Boring locations are illustrated on Figure 3. Boring logs are included in Appendix H. Laboratory analytical and field screening results are summarized in Table 4. Laboratory reports are included in Appendix G.

#### 5.0 Recommendations

Based on the results of release characterization activities, SMA proposes to remove the backfill from the original excavation, and extend the total excavation to the north, east, and south as well as remove additional material from the excavation base until confirmation samples show that the Closure Criteria and reclamation requirements have been met. The proposed excavation extents are illustrated on Figure 4. Excavation is expected to commence late September 2022.

#### 6.0 Scope and Limitations

The scope of our services included: assessment sampling; verifying release stabilization, regulatory liaison, and preparing this remediation plan. All work has been performed in accordance with generally accepted professional environmental consulting practices for oil and gas releases in the Permian Basin in New Mexico.

Poker Lake Discharge (Line 16-24-30) Remediation Plan Report September 13, 2022

Page 4 of 4

If there are any questions regarding this report, please contact Heather Woods at 505-325-7535.

Submitted by:

SOUDER, MILLER & ASSOCIATES

Reviewed by:

Heather M. Woods, P.G. Project Geoscientist

Heather M. Woods

Reid S. Allan, P.G. Project Geoscientist

Lall

#### **ATTACHMENTS:**

#### Figures:

Figure 1: Topographic Site Map

Figure 2: Aerial Site Map

Figure 3: Site and Sample Location Map

Figure 4: Proposed Remedial Excavation Map

#### Tables:

Table 2: NMOCD Closure Criteria

Table 3: Summary of Excavation Confirmation Field Screening and Laboratory Analytical Results

Table 4: Summary of Boring Field Screening and Laboratory Analytical Results

#### **Appendices:**

Appendix A: Copy of Form C-141

Appendix B: Groundwater Well Documentation

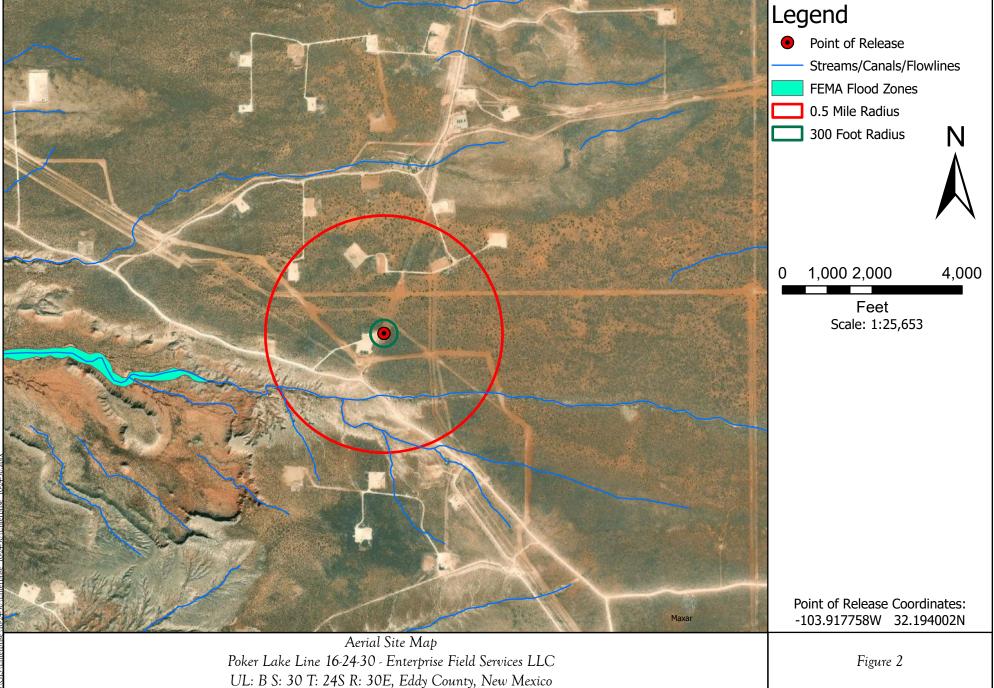
Appendix C: Field Notes

Appendix D: Sampling Protocol Appendix E: Correspondence Appendix F: Photograph Log

Appendix G: Laboratory Analytical Reports

Appendix H: Boring Logs

## **FIGURES**



Revisions Date: Descr: Descr: Descr:

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Drawn Date Checked Approved Sarahmay Schlea 9/13/2022



201 South Halagueno Street Carlsbad, New Mexico 88221 (575) 689-7040 Serving the Southwest & Rocky Mountains

Approved

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### **TABLES**

Table 2: NMOCD Closure Criteria Enterprise Field Services LLC Poker Lake Discharge (Line 16-24-30)

Site Information (19.15.29.11.A(2, 3, and 4) NMAC)	Source/Notes	
Depth to Groundwater (feet bgs)	>56.5	Onsite Measurement within Borehole (not encountered)
Hortizontal Distance From All Water Sources Within 1/2 Mile (mi)	>0.5	NMOSE and USGS Water Well Data
Hortizontal Distance to Nearest Significant Watercourse (ft)	880	USGS 7.5 quadrangle map

Closure Criteria (19.15.2	d Table 1 NMAC)					
	Closure Criteria (units in mg/kg)					
Depth to Groundwater		Chloride *numerical limit or background, whichever is greater	ТРН	GRO + DRO	ВТЕХ	Benzene
< 50' BGS		600	100		50	10
51' to 100'	Х	10000	2500	1000	50	10
>100'		20000	2500	1000	50	10
Surface Water	yes or no		if yes	s, then		
<300' from continuously flowing watercourse or other significant						
watercourse?	No					
<200' from lakebed, sinkhole or playa lake?	No					
Water Well or Water Source						
<500 feet from spring or a private, domestic fresh water well used by						
less than 5 households for domestic or stock watering purposes?	No					
<1000' from fresh water well or spring?	No					
Human and Other Areas		600	100		50	10
<300' from an occupied permanent residence, school, hospital,		600	100		50	10
institution or church?	No					
within incorporated municipal boundaries or within a defined						
municipal fresh water well field?	No					
<100' from wetland?	No					
within area overlying a subsurface mine	No					
within an unstable area?	No					
within a 100-year floodplain?	No					



#### Table 3: Summary of Excavation Laboratory Analytical Results

		Depth of	Method	l 8021B		N	1ethod 8015	D		Method 300.0
Sample ID	Sample Date	Sample (feet bgs)	ВТЕХ	Benzene	GRO	DRO	GRO + DRO	MRO	Total TPH	Chloride
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
NMOCD Rec	lamation Stand	dard (<4 ft)	50	10					100	600
NMO	CD Closure Crit	eria	50	10			1,000		2,500	10,000
SC-1		16	356	32	7,200	910	8,110	970	9,080	1,900
SC-2		16	758	85	14,000	3,900	17,900	5,400	23,300	2,900
SC-3		0-8	<0.66	<0.073	<15	<9.3	<24.3	<47	<71.3	170
SC-4		8-16	376	26	7,200	2,200	9,400	2,800	12,200	260
SC-5		0-8	563	38	10,000	2,600	12,600	3,300	16,900	3,500
SC-6		8-16	332	14	4,600	3,200	7,800	3,800	19,400	4,900
SC-7		0-8	22.8	0.27	430	220	650	290	1,590	1,900
SC-8		8-16	715	33	10,000	4,400	14,400	4,400	33,200	2,300
SC-9		0-8	<0.84	<0.03	<8.6	<37	<45.6	<82	<127.6	390
SC-10	E /2 /2022	8-16	<49.49	<0.69	840	160	1,000	420	2,420	<60
SC-11	5/2/2022	0-8	<0.176	<0.020	<3.9	<9.5	13.4	<48	<61.4	100
SC-12		8-16	<0.595	<0.014	24	45	69	98	167	150
SC-13		0-8	<0.327	<0.018	<3.7	<10	<13.7	<50	<63.7	95
SC-14		8-16	<0.196	<0.015	<3.0	14	14	58	<75.0	<60
SC-15		0-8	<0.166	0.031	<3.4	<9.7	<13.1	<48	<61.1	<59
SC-16		8-16	<0.158	<0.018	<3.5	<10	<13.5	<50	<63.5	<61
SC-17		0-8	<0.149	<0.017	<3.3	<9.3	<12.6	<46	<58.6	<60
SC-18		8-16	<0.153	<0.017	<3.4	<9.8	<13.2	<49	<62.2	<60
StockPile			101.89	3.79	1,550	36,700	38,250	4,340	42,590	137
Background										<20.0

Notes:

NMOCD - New Mexico Oil Conservation Division

bgs - below grade surface mg/kg - milligram per kilogram

"--" indicates not analyzed or not applicable

BTEX - benzene, toluene, ethylbenzene, and xylenes

GRO - gasoline range organics

DRO - diesel range organics MRO - motor oil range organics TPH - total petroluem hydrocabons



Table 4: Summary of Boring Field Screening and Laboratory Analytical Results

Sample   No			Depth of	Field Screening	Method	d 8021B		N	/lethod 8015	5D		Method 300.0
MMOCD Clearer Citeria	Sample ID	Sample Date			ВТЕХ	Benzene	GRO	DRO		MRO	Total TPH	Chloride
Note   September   September				ppm	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/kg	mg/Kg	mg/Kg	mg/Kg
BH01   15-17   36.6   <a href="https://doi.org/10.1003/ncb.250">https://doi.org/10.1003/ncb.250</a>												



#### Table 4: Summary of Boring Field Screening and Laboratory Analytical Results

		Depth of	Field Screening				N	Nethod 8015	SD.		Method 300.0
Sample ID	Sample Date	Sample (feet bgs)	VOCs by PID	ВТЕХ	Benzene	GRO	DRO	GRO + DRO	MRO	Total TPH	Chloride
			ppm	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/kg	mg/Kg	mg/Kg	mg/Kg
	clamation Stand	. ,		50	10					100	600
NMO	CD Closure Crit	teria		50	10			1,000		2,500	10,000
		5-6.5	15.5	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	<20.0
		10-11.5	2.6								
		12-13.5	26.0								
		15-16.5	32.8	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	87.2
		17-18.5	32.9								
		20-21.5	89.9	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	48.1
BH04	7/21/2022	22-23.5	80.4	ı	-		-	-		-	-
B1104	7/21/2022	25-26.5	249.1	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	30.0
		27-28.5	66.5								
		30-31.5	108.7	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	<20.0
		32-33.5	31.5								
		35-36.5	39.4	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	236
		37-38.5	3.8								
		40-41.5	4.2	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	139
		2.5-4	17.0								
		5-6.5	32.0	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	<20.0
		7.5-9	15.4								
		10-11.5	146.0	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	25.3
		12-13.5	15.7								
		15-16.5	81.6	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	77.0
		17-18.5	103.3								
		20-21.5	107.1								
BH05	7/21/2022	22-23.5	139.0	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	182
		25-26.5	64.2								
		27-28.5	32.0								
		30-31.5	112.0	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	225
		32-33.5	42.0								
		35-36.5	42.0	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	208
		37-38.5	24.7								
		40-41.5	28.0								
ĺ		42-43.5	9.2	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	142

Notes: NMOCD - New Mexico Oil Conservation Division

VOC - volitile organic compounds PID - photoionization detector ppm - parts per million bgs - below grade surface mg/kg - milligram per kilogram BTEX - benzene, toluene, ethylbenzene, and xylenes

GRO - gasoline range organics
DRO - diesel range organics
MRO - motor oil range organics
TPH - total petroluem hydrocabons
"--" indicates not analyzed or not applicable



## APPENDIX A COPY OF FORM C-141

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

Responsible Party

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	NAPP2210932844
District RP	
Facility ID	
Application ID	

#### **Release Notification**

#### **Responsible Party**

**OGRID** 

241602

Enterprise Field Services LLC

Contact Nam	e	Robert Dunaway	у		Contact Telephone 575-628-6802				
Contact emai	1	rhdunaway@epr	rod.com		Incident # (assigned by OCD)				
Contact mails	ing address	PO Box 4324, H	Iouston, TX 77210	)					
Latitude	32.194	4002	Location  (NAD 83 in dec		Longitude _		-103.917758		
Site Name	Line 16	-24-30			Site Type	Gather	ing Pipeline		
Date Release	Discovered	4/18/22			API# (if app	licable)			
Unit Letter	Section 30	Township 24S	Range 30		Coun				
Surface Owner			ribal Private (A  Nature and  I that apply and attach	l Vol			he volumes provided below)		
Crude Oil		Volume Release	d (bbls)			Volume Rec	covered (bbls)		
□ Produced	Water	Volume Release	d (bbls) 6			Volume Recovered (bbls) -0-			
		Is the concentrat	ion of dissolved cl >10,000 mg/l?	hloride	in the	☐ Yes ⊠	No		
Condensa	te	Volume Release	d (bbls)			Volume Red	covered (bbls)		
Natural G	as	Volume Release	d (Mcf) 331		Volume Recovered (Mcf) -0-				
Other (des	scribe)	Volume/Weight	Released (provide	units)		Volume/We	ight Recovered (provide units)		
Cause of Release  Found a leak on a gathering pipeline, cause is to be determined.									

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- 17	an	10	e di s	32	10	•	4	97.3
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Incident ID	NAPP2210932844
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the respon	nsible party consider this a major release?
☐ Yes ⊠ No		
	1 0 000 0 1 0 0 0	0.777 11 1 ( / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1
If YES, was immediate n	otice given to the OCD? By whom? To wi	nom? When and by what means (phone, email, etc)?
	Initial R	esponse
The responsible	party must undertake the following actions immediate	ly unless they could create a safety hazard that would result in injury
☐ The source of the rele	ease has been stopped.	
☐ ☐ The impacted area ha	as been secured to protect human health and	the environment.
	•	likes, absorbent pads, or other containment devices.
	ecoverable materials have been removed an	
	d above have <u>not</u> been undertaken, explain	
has begun, please attach	a narrative of actions to date. If remedial	emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred blease attach all information needed for closure evaluation.
regulations all operators are public health or the environ failed to adequately investig	required to report and/or file certain release noti ment. The acceptance of a C-141 report by the C gate and remediate contamination that pose a three	best of my knowledge and understand that pursuant to OCD rules and fications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have eat to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
Printed Name: Robert	Dunaway	Title: Senior Environmental Engineer
Signature: Z	duy	Date: 4/19/22
email: <u>rhdunaway@epro</u>	od.com	Telephone: <u>575-628-6802</u>
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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 99701

#### **CONDITIONS**

Operator:	OGRID:
Enterprise Field Services, LLC	241602
PO Box 4324	Action Number:
Houston, TX 77210	99701
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created By		Condition Date
jharimon	None	4/19/2022

# APPENDIX B GROUNDWATER WELL DOCUMENTATION



# New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) (R=POD has been replaced, O=orphaned,

C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

 POD

 Sub Q Q Q
 Depth Depth Water

 POD Number
 Code basin County 64 16 4 Sec Tws Rng
 X
 Y
 Well Water Column

 C 02109
 CUB ED 1 2 4 19 24S 30E 602130 3563412
 3563412
 130 150 -20

Average Depth to Water: 150 feet

Minimum Depth: 150 feet

Maximum Depth: 150 feet

**Record Count: 1** 

PLSS Search:

**Section(s):** 19, 30, 31, 20, **Township:** 24S **Range:** 30E

29, 32



# New Mexico Office of the State Engineer Water Column/Average Depth to Water

No records found.

PLSS Search:

**Section(s):** 24, 25, 36 **Township:** 24S **Range:** 29E

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Agency code = usgs site\_no list = • 321205103544701

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#### USGS 321205103544701 24S.30E.19.42113

Eddy County, New Mexico Latitude 32°12'05", Longitude 103°54'47" NAD27 Land-surface elevation 3,188 feet above NAVD88 The depth of the well is 452 feet below land surface. This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.

This well is completed in the Rustler Formation (312RSLR) local aquifer.

#### **Output formats**

of data	
separated data	
h of data	
ect period	

Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water- level approval status
1958-10-24		D	62610		2958.66	NGVD29	1	Z			A
1958-10-24		D	62611		2960.30	NAVD88	1	Z			A
1958-10-24		D	72019	227.70			1	Z			A
1959-03-19		D	62610		2958.61	NGVD29	1	Z			A
1959-03-19		D	62611		2960.25	NAVD88	1	Z			A
1959-03-19		D	72019	227.75			1	Z			A
1975-12-10		D	62610		2954.58	NGVD29	1	Z			A
1975-12-10		D	62611		2956.22	NAVD88	1	Z			A
1975-12-10		D	72019	231.78			1	Z			A
1976-01-16		D	62610		2949.10	NGVD29	1	Z			A
1976-01-16		D	62611		2950.74	NAVD88	1	Z			A
1976-01-16		D	72019	237.26			1	Z			A
1976-12-01		D	62610		2955.63	NGVD29	1	Z			A
1976-12-01		D	62611		2957.27	NAVD88	1	Z			A
1976-12-01		D	72019	230.73			1	Z			P
1977-01-14		D	62610		2955.74	NGVD29	1	Z			A
1977-01-14		D	62611		2957.38	NAVD88	1	Z			A
1977-01-14		D	72019	230.62			1	Z			A
1983-02-01		D	62610		2950.43	NGVD29	1	Z			A
1983-02-01		D	62611		2952.07	NAVD88	1	Z			A
1983-02-01		D	72019	235.93			1	Z			A
1987-10-15		D	62610		2953.06	NGVD29	1	S			A
1987-10-15		D	62611		2954.70	NAVD88	1	S			A
1987-10-15		D	72019	233.30			1	S			A
1998-01-27		D	62610		2955.34	NGVD29	1	S			A
1998-01-27		D	62611		2956.98	NAVD88	1	S			A
1998-01-27		D	72019	231.02			1	S			A

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	А	Approved for publication Processing and review completed.

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URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

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0.33 0.29 nadww01



# APPENDIX C FIELD NOTES

Field Screening	Date: 5/2/2022	emp (°C)  Primary Soil Type  Moisture  Other Remarks/Notes:	Light Dark Gravel Rock Dry Tan Brown Sand Silt Moist Gray Olive Clay Wet	LightDarkGravelRockDryFanBrownSandSiltMoistGrayOliveClayWet		Light Dark Gravel Rock Dry Tan Brown Sand Silt Moist Gray Olive Clay Wet	Light Dark Gravel Rock Dry Tan Brown Sand Silt Moist SC-2 Gray Olive Clay Wet	Light Dark Gravel Rock Dry  Tan Brown Sand Silt Moist SC - / O Yellow Red Clay Wet	Light Dark Gravel Rock Dry Tan Brown Sand Silt Moist SC-9 Yellow Red Clay Wet	Light Dark Gravel Rock Dry Tan Brown Sand Silt Moist Gray Olive Clay Wet	Light Dark Gravel Rock Dry  Tan Brown Sand Silt Moist
NSWA		ms) Temp									
	16-24-30	Collection Time:	ano	130	041	24	1152	San	( )		Carlo
	tupust Line	Vame:	tt 012	est est	サカレー	2000 A	A role	A. S. C. 2007	South Top	13 11-	South
leased to Ima	cation Name: $arnothing$	Sample N	Basi e East	Base-East	3031 - 2454	Bass - East	Base - Cost	East Wall-South	East Well Sox	Base - West	

od to Ima		NSWA	Field Screening	ening			
Location Name: Enterprise Line	16-24-30		Date: 5 / 2	2021219			96ge 2 of 3
Sample Name:	Collection EC (mS)	Temp (°C)	PID Reading /PF	Soil Color	Primary Soil Type	Moisture Level	Other Remarks/Notes:
West wall - South - Bim	1232		395.1	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	26-16
With well - South - Top	1236				Gravel Rock Sand Silt Clay	Dry Moist Wet	51-75
South walk - Wot - Blan	1306		976.1	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	61-25
Security wall - west - Top	1308		115.2	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	81-79
South wall-east- Etm	1314		2150	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	21.78
South wall-east-70p			755.7	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	11-25
North will - west - Btm	1321		879.2	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	h-25
North wall- west Top	1323		1174	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	8.05
North Wall - East - Blm	1326			Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	25.40

			Field Screening	ening			
Enterprise Line	16.24-30		Date: 5/2	5/2/2021			E 10 & 3 bid
Sample Name:	Collection EC (mS) Te	Temp (°C)	PID Reading /PF	Soil Color	Primary Soil Type	Moisture Level	Other Remarks/Notes:
10:49:27 F0:49:27	1328			Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	56-5
East wall - North. Birn	(330)				Gravel Rock Sand Silt Clay	Dry Moist Wet	5c-8
East will - North - Top	1332		1 - 0 ->	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	25-72
West would have some	1334		V	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	25-18
Was well-North - Top	1336		>		Gravel Rock Sand Silt Clay	Dry Moist Wet	time of a Tag
			<del></del>	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	
			9 >	_ >	Gravel Rock Sand Silt Clay	Dry Moist Wet	
			0 >		Gravel Rock Sand Silt Clay	Dry Moist Wet	
			1 F 5 X	_	Gravel Rock Sand Silt Clay	Dry Moist Wet	

								0	Received
			SWA	Field Screening	ening				by OCI
1. ocation Name: Enterprise Poker Lake (Line 16-24-30)	lake (i	13m 14	,-24-30)	Date: 7/	7/20/55				): 12/14/ <sub>2</sub>
Sample Name:	Collection Time:	EC (mS)	Temp (°C)	PID Reading /PF	Soil Color	Primary Soil Type	Moisture Level	Other Remarks/Notes:	2022 10
BH01 @ 15-17	£280			36.6	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	Backfill above Silty sand, day, heavy od no St., pinkish while	):20:32 AI
@ 10 - 18.5	7890			23.		Gravel Rock Sand Silt Clay	Dry Moist Wet	some, mod od, no st.	И
020-21.5	9880			50.4	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	soft fock -siltstone, redden white , any , slod,	
42-229	21180			93.1	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	Same, mod od, some	
625.27	1490	0.38	26.5	102.1	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	same as previous	
62728	9655			82.1		Gravel Rock Sand Silt Clay	Dry Moist Wet	addüh brown, same as previous	
630-31.5	0859			54.3		Gravel Rock Sand Silt Clay	Dry Moist Wet	Same, 51 od., no st.	
632 132.5	9060			1.8	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	sam as previous	
035-37	5260			ή·/ <u></u>	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	same as pavious, very thin budding	

Received	by	OCD:	12/14/2022	10:20:32 AM

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ield
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Released								(Z)	Received
to Imag			SMA	Field Screening	ening				by OCL
Location Name: Enturprise Poler	. Lake (Lin	ne Ibi	24-30)	Date: 7/20/22	20/22				12/14/2
Sample Name:	Collection Time:	EC (mS)	Temp (°C)	PID Reading /PF	Soil Color	Primary Soil Type	Moisture Level	Other Remarks/Notes:	2022 10
BHO1037-39	0350			31.4	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	same a previous	:20:32 AI
S.14 - 040	9260			0.0	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	same, no od, no st.	
642-43	2460			1.4	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	Same as providens	
11-510	1560	0.39	4.47	11.7	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	Sum as previous	
047.5-49.5	1001			2.9	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	sam as prwiow	
050-51	t001	0.30	28.1	2.4	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	Same as previous	
052.5-54	1020	0.21	27.6	2.7	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	Same as previous	
5.45-550	1501	0.23	26.5	Z.y	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	Sam as previous	
					Light Dark Tan Brown Gray Olive	Gravel Rock Sand Silt Clay	Dry Moist Wet	(4)	
								1 1	1

7/22 no groundwater in bove holy

Received_l	bv.	OCD:	12/14	/2022	10:	20:32	AM
Hecetren L	~	UUD.	I M/ I T/	MUMM.	10.	MU.UM	ZAZTA

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Released								(3)
to Imag			NSWA	Field Screening	ening			
1. Ocation Name: Entemprise Poller Lalle (Line 16-24-30)	Lake (Li	u16-24	(-30)	Date: 7/20/22	20/22			
Sample Name:	Collection Time:	EC (mS)	Temp (°C)	PID Reading /PF	Soil Color	Primary Soil Type	Moisture Level	Other Remarks/Notes:
3402 e 5-1e.5	1214			1.1	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	Silty sand, red, sl. moist, no od, no st.
010-11.5	1216			h·S	ш -	Gravel Rock Sand Silt Clay	Dry Moist Wet	It tan, same, duy
012-13.5	1219			12.7	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	Same as pruious
615-16.5	1221			1.41	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	sum as previous
017-18.5	1226			h.F1	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	soft rock -siltsbare, reddish white, dry to st. moist, no od, no st
020-21.5	1228			677	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	Sume as previous
021-23.5	1232			14.3	<b></b>	Gravel Rock Sand Silt Clay	Dry Moist Wet	reddish bown, same
625-24.5	1236			22.6	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	same as previous
027-28.5	1241			35.3	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	v. thin budding, same

Released								$\Theta$
			SMA V	Field Screening	ening			
e fokur L	ak (Li	n 16-21	4-30)	Date:	4/20/22			
	Collection Time:	EC (mS)	Temp (°C)	PID Reading /PF	Soil Color	Primary Soil Type	Moisture Level	Other Remarks/Notes:
	1244			F.H1		Gravel Rock Sand Silt Clay	Dry Moist Wet	Same a privious
	0521			6.01	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	Same as previous
035-36.5	1258			£*11		Gravel Rock Sand Silt Clay	Dry Moist Wet	Sam as previous
e 37.5-39	1301			10.8	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	same as provious
040-41.5	1305			10.2	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	Same as previous
					Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	
					<b>.</b>	Gravel Rock Sand Silt Clay	Dry Moist Wet	
					Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	
					Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	

							(3)
	J	NSMA	Field Screening	eening			
Cocation Name: Enterprise Poker Lake (Line 16-24-30) Da	ale (Une 1	(oe-121-30)	te:	7/20/22			
Sample Name:	Collection EC (m	S) Temp (°C)	PID Reading /PF	Soil Color	Primary Soil Type	Moisture Level	Other Remarks/Notes:
BH03 @ 5-1º.5	1349		21.4	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	Silty Sund, red, SI moist, SI to no od, no st
0 10-11.5	1351		22.7	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	ambs'ubf tl
5.41-519	1326		18.4		Gravel Rock Sand Silt Clay	Dry Moist Wet	Sam as privious
617-18.5	1359		25.5	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	5) Hobere, reddish white, dm to st
620-21.5	1404		43.2	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	red bown, same
611-23.5	4041		61.2	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	some as previous
025.24.5	1415		21.0	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	some as previous
027.5-29	02 h l		72.0	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	V. thin budding, sand
630-31.5	1756		19.7	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	Same de previous

SMA Sundame: Endrais Pake Lake (Line 16-24-30) Sample Name: Time: Time:	SMA	Field Screening	, buind				
on Name: Enderpriss Poko Lake (Unc 1) Sample Name: Collection E			פוווווא				by OCI
Sample Name: Collection E	(05-47-9)	Date: 7/20/22	t 22/0;	7/21/22			D: 12/14/
	C(mS) Temp (°C)	PID Reading /PF	Soil Color	Primary Soil Type	Moisture Level	Other Remarks/Notes:	2022 10
BH03 6 32-33.5 1432		38.4	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	Same as pravious	):20:32 Al
0 35-34.5		43.6	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	Same as privious	<u></u>
037-38.5		38.1		Gravel Rock Sand Silt Clay	Dry Moist Wet	Sam a prubous	
6 40-41.5		23. Lo	,	Gravel Rock Sand Silt Clay	Dry Moist Wet	Sam as previous	I -
6 42-43.5 1507		16.8	_	Gravel Rock Sand Silt Clay	Dry Moist Wet	Sam as pravious	
1151 S.9H-249		31.5	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	Sam as previous (end of day)	
647-48.5		25.4	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	Same as previous	
0 50-52 0836		4.7		Gravel Rock Sand Silt Clay	Dry Moist Wet	Some as previous	
			Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet		

Location Name: Enterprise Poler Lake (Line 16-24-70)							
		SMA	Field Screening	ening			
	. (Line 16-	(0c-kz	Date: 7/21/22	22/12			
Sample Name: Time:	tion EC (mS)	Temp (°C)	PID Reading /PF	Soil Color	Primary Soil Type	Moisture Level	Other Remarks/Notes:
BH04 65-4.5 6918	92		15.5	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	17 fan, SI lysand, SI nivery, no od, no st.
010-11.5	97		J. L	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	nd, same
612-13.5	67		24.0	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	Same, slod.
0630	30		32.8		Gravel Rock Sand Silt Clay	Dry Moist Wet	sane
00 5.81-19.5	0935		32.9	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	Siltstone, reddish white, Si od, no st. some ealich
620-21.5	39		84.9	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	red, same
2469 8.22-27.9	15		B0.4		Gravel Rock Sand Silt Clay	Dry Moist Wet	Sane, v. fn beelding
0.15-26.5	16		249.1	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	Same as previous
627 - 28.5	53		ક.મળ	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	Same as previous

Field Screening	Field	Field Screening	ening				(%)	Received by OCD:
Location Name: Enturprise Poter Lake (Line 16-24-30)	ake (line 16-2	14-30)	Date: 7/2	7/21/22				12/14/2
Sample Name:	Collection EC (mS)	Temp (°C)	PID Reading /PF	soil Col	Primary Soil Type	Moisture Level	Other Remarks/Notes:	022 10
BHOY @ 30-31.5	6560		108.7	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	Same as previous	:20:32 Al
032-33.5	1003		31.5	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	Same as previous, no od, no st	1
635-36.5	1008		b.68	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	Same as previous	
637-38.5	6101		3.8	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	Same as previous	
640-41.5	1024		4.2	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	Same as previous	
				Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet		
					Gravel Rock Sand Silt Clay	Dry Moist Wet		
				Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet		
				Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet		
				l				1

	by OCI	D: 12/14/	2022 10	):20:32 Al	И							
6			Other Remarks/Notes:	14 tan, 511 ty sand, duy to 51. moist, no od, no st.	same as previous	same as previous	Slod, same, reddish	no od, same	51 od, same	Silfstone, u. Soft, SI od, no st, reddish tan	sam as previous	sam as pruveus
			Moisture Level	Dry Moist Wet	Dry Moist Wet	Dry Moist Wet	Dry Moist Wet	Dry Moist Wet	Dry Moist Wet	Dry Moist Wet	Dry Moist Wet	Dry Moist Wet
			Primary Soil Type	Gravel Rock Sand Silt Clay	Gravel Rock Sand Silt Clay	Gravel Rock Sand Silt Clay	Gravel Rock Sand Silt Clay	Gravel Rock Sand Silt Clay	Gravel Rock Sand Silt Clay	Gravel Rock Sand Silt Clay	Gravel Rock Sand Silt Clay	Gravel Rock Sand Silt Clay
	ening	72/17	Soil Color	Light Dark Tan Brown Gray Olive Yellow Red	_	Light Dark Tan Brown Gray Olive Yellow Red	2 -	Light Dark Tan Brown Gray Olive Yellow Red				
	Field Screening	Date: 7/21/22	PID Reading /PF	17.0	32.0	15.4	144	15.7	B1.Le	103.3	107.1	139.0
	l ì		Temp (°C)				=					
		e 16-24-	EC (mS)									
		uk (lin	Collection Time:	6141	1425	8741	1431	1434	b£h1	8443	444	1452
Released	to Ima	Location Name: Entropin Poler La	Sample Name:	BH05@2.5-4	5-4-50	6 7.5-9	6 10-11.5	0 12 - 13.5	8.41-519	617-18.5	620-21.5	022-23.5

Page 40 of 175

Field Screening	7 7 7
NSWA -	Names T. S. C.

sed to In			SMA	Field Screening	eening			
Location Name: Enturprise Poleu La	ve (Line 1	-h29	(%)	Date: 7/	7/21/22			
Sample Name:	Collection Time:	EC (mS)	Temp (°C)	PID Reading /PF	Soil Color	Primary Soil Type	Moisture Level	Other Remarks/Notes:
19:49:27 SHOS @ 25-24.5	1455			64.2	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	5/6d, some calidu, Same as previous
027-28.5	1501			32.0	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	Same as previous
6 30-31.5	1507			112.0	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	Same as previous
032-33.5	5151			42.0	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	Same as previous
835-36.5	1521			42.0	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	same as previous
37-38.5 0 数一件5	1537			24.7	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	no ed, v. thin budding. Som
0 40-41.5	1545			28.0	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	Sam as previous
042-43.5	1552			9.5	Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	Sam as preview
					Light Dark Tan Brown Gray Olive Yellow Red	Gravel Rock Sand Silt Clay	Dry Moist Wet	
		1			l			

# APPENDIX D SAMPLING PROTOCOL



#### **Sampling Protocol**

The soil samples were collected in laboratory supplied containers in accordance with this sampling protocol, immediately placed on ice and sent under standard chain-of-custody protocols to Hall Environmental Analysis Laboratory in Albuquerque, New Mexico for analysis. Samples collected for laboratory analysis were analyzed for total chloride using EPA Method 300.0; benzene, toluene, ethylbenzene and total xylenes (BTEX) using EPA Method 8021B; and motor, diesel and gasoline range organics (MRO, DRO, and GRO) by EPA Method 8015D.

#### **Sampling Analysis Field Quality Assurance Procedures**

A unique sample numbering was used to identify each sample collected and designated for on-site and off-site laboratory analysis. The purpose of this numbering scheme was to provide a tracking system for the retrieval of analytical and field data on each sample. Sample identification numbers were recorded on sample labels or tags, field notes, chain-of-custody records (COC) and all other applicable documentation used during the project. Sample labels were affixed to all sample containers during sampling activities. Information was recorded on each sample container label at the time of sample collection. The information recorded on the labels were as follows: sample identification number; sample type (discrete or composite); site name and area/location number; analysis to be performed; type of chemical preservative present in container; date and time of sample collection; and sample collector's name and initials. All samples were packed in ice in an approved rigid body container, custody sealed signed and shipped to the appropriate laboratory via insured currier service.

COC procedures implemented for the project provided documentation of the handling of each sample from the time of collection until completion of laboratory analysis. A COC form serves as a legal record of possession of the sample. A sample is considered to be under custody if one or more of the following criteria are met: the sample is in the sampler's possession; the sample is in the sampler's view after being in possession; the sample was in the sampler's possession and then was placed into a locked area to prevent tampering; and/or the sample is in a designated secure area. Custody was documented throughout the project field sampling activities by a chain-of custody form initiated each day during which samples are collected. Container custody seals placed on either individual samples or on the rigid body container were used to ensure that no sample tampering occurs between the time the samples are placed into the containers and the time the containers are opened for analysis at the laboratory. Container custody seals were signed and dated by the individual responsible for completing the COC form contained within the container.

Engineering • Environmental • Surveying

www.soudermiller.com

# APPENDIX E CORRESPONDENCE

From: Hamlet, Robert, EMNRD
To: Dunaway, Robert

Cc: Reinermann, Paul; Mendez, Brenda; Bratcher, Mike, EMNRD; Nobui, Jennifer, EMNRD; Harimon, Jocelyn, EMNRD

Subject: RE: [EXTERNAL] Extension Request for nAPP2210932844

**Date:** Wednesday, June 1, 2022 10:16:55 AM

#### [Use caution with links/attachments]

Please send all future extension requests to the OCD Enviro email box at OCD.Enviro@state.nm.us

RE: Incident #NAPP2210932844

#### Robert,

Your request for an extension to **October 17th, 2022** is approved. Please include this e-mail correspondence in the remediation and/or closure report.

Robert Hamlet • Environmental Specialist - Advanced

Environmental Bureau
EMNRD - Oil Conservation Division
811 S. First Street | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
http://www.emnrd.state.nm.us/OCD/



From: Dunaway, Robert <rhdunaway@eprod.com>

Sent: Wednesday, June 1, 2022 10:10 AM

To: Hamlet, Robert, EMNRD < Robert. Hamlet@state.nm.us>

Cc: Reinermann, Paul <PSREINERMANN@eprod.com>; Mendez, Brenda <BJMendez@eprod.com>

Subject: RE: [EXTERNAL] Extension Request for nAPP2210932844

Robert,

I am requesting a 90 day extension.



Senior Environmental Engineer

W: 575-628-6802

C: 361-815-0990

rhdunaway@eprod.com

From: Hamlet, Robert, EMNRD < Robert. Hamlet@state.nm.us >

**Sent:** Wednesday, June 1, 2022 10:08 AM

**To:** Dunaway, Robert < <a href="mailto:rhdunaway@eprod.com">rhdunaway@eprod.com</a>>

Cc: Reinermann, Paul < PSREINERMANN@eprod.com >; Mendez, Brenda < BJMendez@eprod.com >

Subject: RE: [EXTERNAL] Extension Request for nAPP2210932844

#### [Use caution with links/attachments]

Robert,

How long of an extension are you requesting?

Robert Hamlet • Environmental Specialist - Advanced

Environmental Bureau

EMNRD - Oil Conservation Division

811 S. First Street | Artesia, NM 88210

575.909.0302 | robert.hamlet@state.nm.us

http://www.emnrd.state.nm.us/OCD/



**From:** Dunaway, Robert < <a href="mailto:rhdunaway@eprod.com">rhdunaway@eprod.com</a>>

Sent: Wednesday, June 1, 2022 9:32 AM

To: Hamlet, Robert, EMNRD < <a href="mailto:Robert.Hamlet@state.nm.us">Robert.Hamlet@state.nm.us</a>>

**Cc:** Reinermann, Paul < <a href="mailto:PSREINERMANN@eprod.com">PSREINERMANN@eprod.com</a>>; Mendez, Brenda < <a href="mailto:BJMendez@eprod.com">BJMendez@eprod.com</a>>

Subject: [EXTERNAL] Extension Request for nAPP2210932844

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good morning, Mr. Hamlet:

I would like to request an extension for nAPP2210932844 (Line 16-24-30, Poker Lake Discharge). There are logistical issues with digging including soft sand, loose fill, and parallel pipelines. I am bringing out a drilling rig to fully delineate the release in early July and plan to call y'all to discuss next steps once I get the results back. This will not be complete by the July 17, 2022 deadline.

Note that I am doing this sampling at the same time as nAPP2131670294 (A-18 lateral along the county road) and this is the earliest I could schedule a drill rig.

If you have any questions, please let me know.



Senior Environmental Engineer

W: 575-628-6802 C: 361-815-0990

rhdunaway@eprod.com

This message (including any attachments) is confidential and intended for a specific individual and purpose. If you are not the intended recipient, please notify the sender immediately and delete this message.

#### **Heather Woods**

From: Hamlet, Robert, EMNRD < Robert.Hamlet@state.nm.us>

**Sent:** Thursday, April 28, 2022 9:31 AM

**To:** Heather Woods

Cc: Ashley Maxwell; Sarahmay Schlea; Dunaway, Robert; Bratcher, Mike, EMNRD; Nobui, Jennifer, EMNRD

**Subject:** RE: [EXTERNAL] 48-Hour Notification: nAPP2209526360 and nAPP2210932844 Enterprise Line

16-24-30 (Poker Lake Discharge)

Heather,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Robert Hamlet • Environmental Specialist - Advanced

Environmental Bureau
EMNRD - Oil Conservation Division
811 S. First Street | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
http://www.emnrd.state.nm.us/OCD/



From: Enviro, OCD, EMNRD < OCD.Enviro@state.nm.us>

Sent: Wednesday, April 27, 2022 3:53 PM

To: Hamlet, Robert, EMNRD < Robert. Hamlet@state.nm.us>

Subject: Fw: [EXTERNAL] 48-Hour Notification: nAPP2209526360 and nAPP2210932844 Enterprise Line 16-24-30 (Poker

Lake Discharge)

From: Heather Woods < Heather. Woods@soudermiller.com >

Sent: Wednesday, April 27, 2022 1:14 PM

To: Enviro, OCD, EMNRD < OCD. Enviro@state.nm.us>

**Cc:** Ashley Maxwell <a href="maxwell@soudermiller.com">ashley.maxwell@soudermiller.com</a>; Sarahmay Schlea <a href="maxwell@soudermiller.com">sarahmay.schlea@soudermiller.com</a>; sarahmay.schlea@soudermiller.com</a>;

rhdunaway@eprod.com <rhdunaway@eprod.com>

Subject: [EXTERNAL] 48-Hour Notification: nAPP2209526360 and nAPP2210932844 Enterprise Line 16-24-30 (Poker Lake

Discharge)

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Afternoon,

Souder, Miller and Associates will be on location Monday, May 2, 2022, beginning at 9:00am to conduct confirmation

sampling at the Enterprise Line 16-24-30 (Poker Lake Discharge) (nAPP2209526360 and nAPP2210932844) release sites located at 32.193277, -103.91797 and 32.194002, -103.917758, respectively. Please contact me with any questions.

Heather Woods, P.G. *Project Geoscientist* 

Personal Registrations: UT Professional Geologist

Corporate Registrations: AZ Engineering/Geology/Surveying Firm (14070), FL Engineering Firm (34203), ID Engineering/Surveying Firm (C-3564), ND Engineering Firm (28545PE), OK Engineering Firm (8498), SD Surveying Firm (C-7436), TX Engineering Firm (8877), TX Geology Firm (50254), TX PST CAPM (CS-0000051), TX Surveying Firm (10162200), WY Engineering/Surveying Firm (S-1704)



#### Souder, Miller & Associates

Engineering ♦ Environmental ♦ Geomatics 401 West Broadway Farmington, NM 87401 (505) 716-2787 (mobile) (505) 325-7535 (office) www.soudermiller.com





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### APPENDIX F PHOTOGRAPH LOG



Photograph #1

Client: Enterprise Field Services

Site Name:

Poker Lake Discharge (Line 16-24-30)

Date Photo Taken: May 2, 2022

Release Location: N32.194002, W103.917758

B-Sec 30-T24S-R30E Eddy County, New Mexico

Photo Taken by: Heather Woods UTC: 2022.05.02T19:37:03Z Lat, Lon; 32.193999, -103.91778 Alt: 936m MSL WGS84 Azimuth and Bearing 78° N77E

Description: Facing east-northeast, view of the excavation on May 2, 2022.



Photograph #2

Client: Enterprise Field Services

Site Name:

Poker Lake Discharge (Line 16-24-30)

Date Photo Taken: May 2, 2022

Release Location: N32.194002, W103.917758

B-Sec 30-T24S-R30E Eddy County, New Mexico

Photo Taken by: Heather Woods



Description: Facing south-southeast, view of the excavation on May 2, 2022.



Photograph #3 Client: UTC: 2022.05.02T19:37:30Z Lat, Lon: 32.194013, -103.917732 Alt: 934m MSL WGS84 **Enterprise Field** Services Azimuth and Bearing Site Name: 126° S35E Poker Lake Discharge (Line 16-24-30) -32.1° -30° Date Photo Taken: May 2, 2022 Release Location: N32.194002, W103.917758 B-Sec 30-T24S-R30E Eddy County, New Mexico Photo Taken by: Description: Facing southeast, view of the excavation on May 2, 2022. **Heather Woods** 



Photograph #4

Client: Enterprise Field Services

Site Name:

Poker Lake Discharge (Line 16-24-30)

Date Photo Taken: May 2, 2022

Release Location: N32.194002, W103.917758

B-Sec 30-T24S-R30E Eddy County, New Mexico

Photo Taken by: Heather Woods



Description: Facing south, view of the excavation on May 2, 2022.



Photograph #5

Client: Enterprise Field Services

Site Name:

Poker Lake Discharge (Line 16-24-30)

Date Photo Taken: May 2, 2022

Release Location: N32.194002, W103.917758

B-Sec 30-T24S-R30E Eddy County, New Mexico

Photo Taken by: Heather Woods UTC: 2022.05.02T19:37:56Z Lat, Lon: 32.194022, -103.917725 Alt: 934m MSL WGS84 Azimuth and Bearing 250° S69W

Description: Facing west-southwest, view of the excavation on May 2, 2022.



Photograph #6

Client: Enterprise Field Services

Site Name:

Poker Lake Discharge (Line 16-24-30)

Date Photo Taken: May 2, 2022

Release Location: N32.194002, W103.917758

B-Sec 30-T24S-R30E Eddy County, New Mexico

Photo Taken by: Heather Woods

UTC: 2022.05.02T19:38:34Z Lat, Lon: 32.193954, -103.917651 Alt: 931 m MSL WGS84 CEP 14m **Azimuth and Bearing** 

Description: Facing north, view of the excavation on May 2, 2022.



Photograph #6

Client: Enterprise Field Services

Site Name:

Poker Lake Discharge (Line 16-24-30)

Date Photo Taken: July 22, 2022

Release Location: N32.194002, W103.917758

B-Sec 30-T24S-R30E Eddy County, New Mexico

Photo Taken by: Heather Woods

UTC: 2022.07.22T16:02:37Z Lat, Lon: 32.194047, -103.917786 Alt: 931m MSL WGS84 CEP. 11m Azimuth and Bearing 110° S19E

Description: Facing east-southeast, view of the soil boring areas on July 22, 2022.



Photograph #7

Client: Enterprise Field Services

Site Name:

Poker Lake Discharge (Line 16-24-30)

Date Photo Taken: May 2, 2022

Release Location: N32.194002, W103.917758

B-Sec 30-T24S-R30E Eddy County, New Mexico

Photo Taken by: Heather Woods

UTC: 2022.07.22T16:03:20Z Lat, Lon: 32.194015, -103.917556 Alt: 934m MSL WGS84 CEP. 14m muth and Bearing 98° S18W

Description: Facing south-southwest, view of the soil boring areas on July 22, 2022.

# APPENDIX G LABORATORY ANALYTICAL REPORTS



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

May 10, 2022

Ashley Maxwell Souder, Miller & Associates 201 S Halagueno Carlsbad, NM 88221 TEL: FAX:

RE: Enterprise Line 16 24 30 OrderNo.: 2205127

Dear Ashley Maxwell:

Hall Environmental Analysis Laboratory received 18 sample(s) on 5/3/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman

Laboratory Manager

anded

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 2205127

Date Reported: 5/10/2022

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: SC-1

**Project:** Enterprise Line 16 24 30 **Collection Date:** 5/2/2022 12:28:00 PM

**Lab ID:** 2205127-001 **Matrix:** MEOH (SOIL) **Received Date:** 5/3/2022 7:05:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	1900	60	mg/Kg	20	5/4/2022 10:54:30 AM	67253
EPA METHOD 8015M/D: DIESEL RANGE ORGA	ANICS				Analyst	:: SB
Diesel Range Organics (DRO)	910	9.9	mg/Kg	1	5/4/2022 9:43:37 AM	67242
Motor Oil Range Organics (MRO)	970	50	mg/Kg	1	5/4/2022 9:43:37 AM	67242
Surr: DNOP	119	51.1-141	%Rec	1	5/4/2022 9:43:37 AM	67242
EPA METHOD 8015D: GASOLINE RANGE					Analyst	:: NSB
Gasoline Range Organics (GRO)	7200	360	mg/Kg	100	5/4/2022 1:43:26 PM	G87724
Surr: BFB	208	37.7-212	%Rec	100	5/4/2022 1:43:26 PM	G87724
EPA METHOD 8021B: VOLATILES					Analyst	:: NSB
Benzene	32	1.8	mg/Kg	100	5/4/2022 1:43:26 PM	B87724
Toluene	160	3.6	mg/Kg	100	5/4/2022 1:43:26 PM	B87724
Ethylbenzene	24	3.6	mg/Kg	100	5/4/2022 1:43:26 PM	B87724
Xylenes, Total	140	7.3	mg/Kg	100	5/4/2022 1:43:26 PM	B87724
Surr: 4-Bromofluorobenzene	109	70-130	%Rec	100	5/4/2022 1:43:26 PM	B87724

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

Qualifiers:

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

Page 1 of 24

Lab Order 2205127

Date Reported: 5/10/2022

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: SC-2

**Project:** Enterprise Line 16 24 30 **Collection Date:** 5/2/2022 11:52:00 AM

**Lab ID:** 2205127-002 **Matrix:** MEOH (SOIL) **Received Date:** 5/3/2022 7:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: JMT
Chloride	2900	150		mg/Kg	50	5/4/2022 1:35:03 PM	67253
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst	:: SB
Diesel Range Organics (DRO)	3900	190		mg/Kg	20	5/4/2022 1:48:48 PM	67242
Motor Oil Range Organics (MRO)	5400	970		mg/Kg	20	5/4/2022 1:48:48 PM	67242
Surr: DNOP	0	51.1-141	S	%Rec	20	5/4/2022 1:48:48 PM	67242
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	14000	1900		mg/Kg	500	5/4/2022 2:07:01 PM	G87724
Surr: BFB	154	37.7-212		%Rec	500	5/4/2022 2:07:01 PM	G87724
EPA METHOD 8021B: VOLATILES						Analyst	:: NSB
Benzene	85	9.4		mg/Kg	500	5/4/2022 2:07:01 PM	B87724
Toluene	310	19		mg/Kg	500	5/4/2022 2:07:01 PM	B87724
Ethylbenzene	53	19		mg/Kg	500	5/4/2022 2:07:01 PM	B87724
Xylenes, Total	310	37		mg/Kg	500	5/4/2022 2:07:01 PM	B87724
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	500	5/4/2022 2:07:01 PM	B87724

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

Qualifiers:

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

Page 2 of 24

Lab Order 2205127

Date Reported: 5/10/2022

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: SC-3

**Project:** Enterprise Line 16 24 30 **Collection Date:** 5/2/2022 1:23:00 PM

**Lab ID:** 2205127-003 **Matrix:** MEOH (SOIL) **Received Date:** 5/3/2022 7:05:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	170	60	mg/Kg	20	5/4/2022 11:19:12 AM	67253
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: SB
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	5/4/2022 10:11:25 AM	67242
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	5/4/2022 10:11:25 AM	67242
Surr: DNOP	86.0	51.1-141	%Rec	1	5/4/2022 10:11:25 AM	67242
EPA METHOD 8015D: GASOLINE RANGE					Analys	: NSB
Gasoline Range Organics (GRO)	ND	15	mg/Kg	5	5/4/2022 2:30:35 PM	G87724
Surr: BFB	107	37.7-212	%Rec	5	5/4/2022 2:30:35 PM	G87724
EPA METHOD 8021B: VOLATILES					Analys	: NSB
Benzene	ND	0.073	mg/Kg	5	5/4/2022 2:30:35 PM	B87724
Toluene	ND	0.15	mg/Kg	5	5/4/2022 2:30:35 PM	B87724
Ethylbenzene	ND	0.15	mg/Kg	5	5/4/2022 2:30:35 PM	B87724
Xylenes, Total	ND	0.29	mg/Kg	5	5/4/2022 2:30:35 PM	B87724
Surr: 4-Bromofluorobenzene	97.1	70-130	%Rec	5	5/4/2022 2:30:35 PM	B87724

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

Qualifiers:

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

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Lab Order **2205127** 

Date Reported: 5/10/2022

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: SC-4

 Project:
 Enterprise Line 16 24 30
 Collection Date: 5/2/2022 1:21:00 PM

 Lab ID:
 2205127-004
 Matrix: MEOH (SOIL)
 Received Date: 5/3/2022 7:05:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 260 60 mg/Kg 20 5/4/2022 11:31:32 AM 67253 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 2200 96 mg/Kg 10 5/4/2022 12:37:42 PM 67242 Motor Oil Range Organics (MRO) 2800 480 mg/Kg 10 5/4/2022 12:37:42 PM 67242 Surr: DNOP 0 51.1-141 S %Rec 5/4/2022 12:37:42 PM 67242 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) 7200 710 200 5/4/2022 2:53:55 PM G87724 mg/Kg Surr: BFB 169 200 5/4/2022 2:53:55 PM G87724 37.7-212 %Rec **EPA METHOD 8021B: VOLATILES** Analyst: NSB 200 5/4/2022 2:53:55 PM B87724 Benzene 26 3.5 mg/Kg Toluene 140 7.1 mg/Kg 200 5/4/2022 2:53:55 PM B87724 Ethylbenzene 30 7.1 mg/Kg 200 5/4/2022 2:53:55 PM B87724 Xylenes, Total 180 14 200 5/4/2022 2:53:55 PM B87724 mg/Kg Surr: 4-Bromofluorobenzene 103 70-130 %Rec 200 5/4/2022 2:53:55 PM B87724

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

Qualifiers:

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

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Lab Order 2205127

Date Reported: 5/10/2022

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: SC-5

**Project:** Enterprise Line 16 24 30 **Collection Date:** 5/2/2022 1:28:00 PM

**Lab ID:** 2205127-005 **Matrix:** MEOH (SOIL) **Received Date:** 5/3/2022 7:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: JMT
Chloride	3500	150		mg/Kg	50	5/4/2022 1:47:22 PM	67253
EPA METHOD 8015M/D: DIESEL RANGE ORGA	ANICS					Analyst	:: SB
Diesel Range Organics (DRO)	2600	200		mg/Kg	20	5/4/2022 2:36:19 PM	67242
Motor Oil Range Organics (MRO)	3300	990		mg/Kg	20	5/4/2022 2:36:19 PM	67242
Surr: DNOP	0	51.1-141	S	%Rec	20	5/4/2022 2:36:19 PM	67242
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	10000	710		mg/Kg	200	5/4/2022 3:17:25 PM	G87724
Surr: BFB	232	37.7-212	S	%Rec	200	5/4/2022 3:17:25 PM	G87724
EPA METHOD 8021B: VOLATILES						Analyst	:: NSB
Benzene	38	3.6		mg/Kg	200	5/4/2022 3:17:25 PM	B87724
Toluene	210	7.1		mg/Kg	200	5/4/2022 3:17:25 PM	B87724
Ethylbenzene	45	7.1		mg/Kg	200	5/4/2022 3:17:25 PM	B87724
Xylenes, Total	270	14		mg/Kg	200	5/4/2022 3:17:25 PM	B87724
Surr: 4-Bromofluorobenzene	112	70-130		%Rec	200	5/4/2022 3:17:25 PM	B87724

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

Qualifiers:

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

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Lab Order 2205127

Date Reported: 5/10/2022

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: SC-6

**Project:** Enterprise Line 16 24 30 **Collection Date:** 5/2/2022 1:26:00 PM

**Lab ID:** 2205127-006 **Matrix:** MEOH (SOIL) **Received Date:** 5/3/2022 7:05:00 AM

Analyses	Result	RL	Qual	Units	DF Date Analyzed Batc	:h
EPA METHOD 300.0: ANIONS					Analyst: <b>JMT</b>	
Chloride	4900	300		mg/Kg	100 5/4/2022 1:59:43 PM 6725	3
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: SB	
Diesel Range Organics (DRO)	3200	180		mg/Kg	20 5/4/2022 3:24:04 PM 6724	.2
Motor Oil Range Organics (MRO)	3800	890		mg/Kg	20 5/4/2022 3:24:04 PM 6724:	.2
Surr: DNOP	0	51.1-141	S	%Rec	20 5/4/2022 3:24:04 PM 6724:	.2
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB	•
Gasoline Range Organics (GRO)	4600	520		mg/Kg	200 5/4/2022 3:40:51 PM G877	724
Surr: BFB	204	37.7-212		%Rec	200 5/4/2022 3:40:51 PM G877	724
EPA METHOD 8021B: VOLATILES					Analyst: NSB	1
Benzene	14	2.6		mg/Kg	200 5/4/2022 3:40:51 PM B877	′24
Toluene	100	5.2		mg/Kg	200 5/4/2022 3:40:51 PM B877	'24
Ethylbenzene	28	5.2		mg/Kg	200 5/4/2022 3:40:51 PM B877	'24
Xylenes, Total	190	10		mg/Kg	200 5/4/2022 3:40:51 PM B877	'24
Surr: 4-Bromofluorobenzene	110	70-130		%Rec	200 5/4/2022 3:40:51 PM B877	'24

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

Qualifiers:

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

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Lab Order 2205127

Date Reported: 5/10/2022

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: SC-7

**Project:** Enterprise Line 16 24 30 **Collection Date:** 5/2/2022 1:32:00 PM

**Lab ID:** 2205127-007 **Matrix:** MEOH (SOIL) **Received Date:** 5/3/2022 7:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: JMT
Chloride	1900	61		mg/Kg	20	5/4/2022 12:08:35 PM	67253
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst	: SB
Diesel Range Organics (DRO)	220	9.7		mg/Kg	1	5/4/2022 10:22:09 AM	67242
Motor Oil Range Organics (MRO)	290	49		mg/Kg	1	5/4/2022 10:22:09 AM	67242
Surr: DNOP	81.5	51.1-141		%Rec	1	5/4/2022 10:22:09 AM	67242
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	430	20		mg/Kg	5	5/4/2022 4:04:27 PM	G87724
Surr: BFB	516	37.7-212	S	%Rec	5	5/4/2022 4:04:27 PM	G87724
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	0.27	0.10		mg/Kg	5	5/4/2022 4:04:27 PM	B87724
Toluene	4.2	0.20		mg/Kg	5	5/4/2022 4:04:27 PM	B87724
Ethylbenzene	2.3	0.20		mg/Kg	5	5/4/2022 4:04:27 PM	B87724
Xylenes, Total	16	0.40		mg/Kg	5	5/4/2022 4:04:27 PM	B87724
Surr: 4-Bromofluorobenzene	120	70-130		%Rec	5	5/4/2022 4:04:27 PM	B87724

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

Qualifiers:

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

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Lab Order **2205127** 

Date Reported: 5/10/2022

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: SC-8

**Project:** Enterprise Line 16 24 30 **Collection Date:** 5/2/2022 1:30:00 PM

**Lab ID:** 2205127-008 **Matrix:** MEOH (SOIL) **Received Date:** 5/3/2022 7:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: JMT
Chloride	2300	60		mg/Kg	20	5/4/2022 12:20:56 PM	67253
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst	:: SB
Diesel Range Organics (DRO)	4400	190		mg/Kg	20	5/4/2022 4:11:49 PM	67242
Motor Oil Range Organics (MRO)	4400	950		mg/Kg	20	5/4/2022 4:11:49 PM	67242
Surr: DNOP	0	51.1-141	S	%Rec	20	5/4/2022 4:11:49 PM	67242
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	10000	830		mg/Kg	200	5/4/2022 4:27:50 PM	G87724
Surr: BFB	244	37.7-212	S	%Rec	200	5/4/2022 4:27:50 PM	G87724
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	33	4.1		mg/Kg	200	5/4/2022 4:27:50 PM	B87724
Toluene	210	8.3		mg/Kg	200	5/4/2022 4:27:50 PM	B87724
Ethylbenzene	62	8.3		mg/Kg	200	5/4/2022 4:27:50 PM	B87724
Xylenes, Total	410	17		mg/Kg	200	5/4/2022 4:27:50 PM	B87724
Surr: 4-Bromofluorobenzene	113	70-130		%Rec	200	5/4/2022 4:27:50 PM	B87724

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

Qualifiers:

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

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Lab Order 2205127

Client Sample ID: SC-9

Date Reported: 5/10/2022

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates

**Project:** Enterprise Line 16 24 30 **Collection Date:** 5/2/2022 12:00:00 PM

**Lab ID:** 2205127-009 **Matrix:** MEOH (SOIL) **Received Date:** 5/3/2022 7:05:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	:: JMT
Chloride	390	60	mg/Kg	20	5/4/2022 12:57:59 PM	67253
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	:: <b>SB</b>
Diesel Range Organics (DRO)	37	9.7	mg/Kg	1	5/4/2022 10:56:31 AM	67242
Motor Oil Range Organics (MRO)	82	48	mg/Kg	1	5/4/2022 10:56:31 AM	67242
Surr: DNOP	97.6	51.1-141	%Rec	1	5/4/2022 10:56:31 AM	67242
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	8.6	3.4	mg/Kg	1	5/4/2022 4:51:18 PM	G87724
Surr: BFB	175	37.7-212	%Rec	1	5/4/2022 4:51:18 PM	G87724
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	0.029	0.017	mg/Kg	1	5/4/2022 4:51:18 PM	B87724
Toluene	0.19	0.034	mg/Kg	1	5/4/2022 4:51:18 PM	B87724
Ethylbenzene	0.072	0.034	mg/Kg	1	5/4/2022 4:51:18 PM	B87724
Xylenes, Total	0.55	0.068	mg/Kg	1	5/4/2022 4:51:18 PM	B87724
Surr: 4-Bromofluorobenzene	111	70-130	%Rec	1	5/4/2022 4:51:18 PM	B87724

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

Qualifiers:

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

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Lab Order 2205127

Date Reported: 5/10/2022

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: SC-10

**Project:** Enterprise Line 16 24 30 **Collection Date:** 5/2/2022 11:55:00 AM

**Lab ID:** 2205127-010 **Matrix:** MEOH (SOIL) **Received Date:** 5/3/2022 7:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	:: LRN
Chloride	ND	60		mg/Kg	20	5/4/2022 11:25:13 AM	67255
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst	:: SB
Diesel Range Organics (DRO)	160	10		mg/Kg	1	5/4/2022 11:18:16 AM	67242
Motor Oil Range Organics (MRO)	420	50		mg/Kg	1	5/4/2022 11:18:16 AM	67242
Surr: DNOP	88.6	51.1-141		%Rec	1	5/4/2022 11:18:16 AM	67242
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	840	17		mg/Kg	5	5/4/2022 12:33:07 PM	G87724
Surr: BFB	461	37.7-212	S	%Rec	5	5/4/2022 12:33:07 PM	G87724
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	0.69	0.087		mg/Kg	5	5/4/2022 12:33:07 PM	B87724
Toluene	11	0.17		mg/Kg	5	5/4/2022 12:33:07 PM	B87724
Ethylbenzene	4.8	0.17		mg/Kg	5	5/4/2022 12:33:07 PM	B87724
Xylenes, Total	33	0.35		mg/Kg	5	5/4/2022 12:33:07 PM	B87724
Surr: 4-Bromofluorobenzene	149	70-130	S	%Rec	5	5/4/2022 12:33:07 PM	B87724

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

Qualifiers:

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

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Lab Order 2205127

Date Reported: 5/10/2022

5/4/2022 9:53:00 AM

B87721

B87721

B87721

B87721

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates Client Sample ID: SC-11

**Project:** Enterprise Line 16 24 30 Collection Date: 5/2/2022 1:16:00 PM Lab ID: 2205127-011 Matrix: MEOH (SOIL) Received Date: 5/3/2022 7:05:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: LRN Chloride 100 59 mg/Kg 20 5/4/2022 11:37:37 AM 67255 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 9.5 mg/Kg 5/4/2022 11:40:04 AM 67242 Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 5/4/2022 11:40:04 AM 67242 Surr: DNOP 86.3 51.1-141 %Rec 5/4/2022 11:40:04 AM 67242 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM Gasoline Range Organics (GRO) ND 5/4/2022 9:53:00 AM A87721 3.9 mg/Kg 1 Surr: BFB 112 %Rec 5/4/2022 9:53:00 AM A87721 37.7-212 **EPA METHOD 8021B: VOLATILES** Analyst: BRM ND B87721

ND

ND

ND

85.4

0.020

0.039

0.039

0.078

70-130

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

1

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

Qualifiers:

Benzene

Toluene

Ethylbenzene

Xylenes, Total

Surr: 4-Bromofluorobenzene

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

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Lab Order 2205127

Date Reported: 5/10/2022

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: SC-12

**Project:** Enterprise Line 16 24 30 **Collection Date:** 5/2/2022 1:14:00 PM

**Lab ID:** 2205127-012 **Matrix:** MEOH (SOIL) **Received Date:** 5/3/2022 7:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	:: LRN
Chloride	150	60		mg/Kg	20	5/4/2022 11:50:02 AM	67255
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analys	:: <b>SB</b>
Diesel Range Organics (DRO)	45	9.6		mg/Kg	1	5/4/2022 12:01:35 PM	67242
Motor Oil Range Organics (MRO)	98	48		mg/Kg	1	5/4/2022 12:01:35 PM	67242
Surr: DNOP	101	51.1-141		%Rec	1	5/4/2022 12:01:35 PM	67242
EPA METHOD 8015D: GASOLINE RANGE						Analys	:: BRM
Gasoline Range Organics (GRO)	24	2.8		mg/Kg	1	5/4/2022 10:13:00 AM	A87721
Surr: BFB	304	37.7-212	S	%Rec	1	5/4/2022 10:13:00 AM	A87721
EPA METHOD 8021B: VOLATILES						Analys	:: BRM
Benzene	ND	0.014		mg/Kg	1	5/4/2022 10:13:00 AM	B87721
Toluene	0.041	0.028		mg/Kg	1	5/4/2022 10:13:00 AM	B87721
Ethylbenzene	0.080	0.028		mg/Kg	1	5/4/2022 10:13:00 AM	B87721
Xylenes, Total	0.46	0.057		mg/Kg	1	5/4/2022 10:13:00 AM	B87721
Surr: 4-Bromofluorobenzene	140	70-130	S	%Rec	1	5/4/2022 10:13:00 AM	B87721

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

Qualifiers:

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

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2205127-013

Lab ID:

Benzene

Toluene

Ethylbenzene

Xylenes, Total

Surr: 4-Bromofluorobenzene

#### **Analytical Report**

Lab Order 2205127

Received Date: 5/3/2022 7:05:00 AM

Date Reported: 5/10/2022

5/4/2022 10:33:00 AM

B87721

B87721

B87721

B87721

B87721

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: SC-13

**Project:** Enterprise Line 16 24 30 **Collection Date:** 5/2/2022 1:08:00 PM

Matrix: MEOH (SOIL)

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: LRN Chloride 95 61 mg/Kg 20 5/4/2022 12:02:27 PM 67255 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 10 mg/Kg 5/4/2022 12:23:17 PM 67242 Motor Oil Range Organics (MRO) ND 50 mg/Kg 1 5/4/2022 12:23:17 PM 67242 Surr: DNOP 92.9 51.1-141 %Rec 5/4/2022 12:23:17 PM 67242 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM Gasoline Range Organics (GRO) ND 5/4/2022 10:33:00 AM A87721 3.7 mg/Kg 1 Surr: BFB 107 %Rec 5/4/2022 10:33:00 AM A87721 37.7-212 **EPA METHOD 8021B: VOLATILES** Analyst: BRM

ND

ND

ND

ND

83.7

0.018

0.037

0.037

0.073

70-130

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

1

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

Qualifiers:

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

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### **Analytical Report**

Lab Order 2205127

Date Reported: 5/10/2022

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: SC-14

**Project:** Enterprise Line 16 24 30 **Collection Date:** 5/2/2022 1:06:00 PM

**Lab ID:** 2205127-014 **Matrix:** MEOH (SOIL) **Received Date:** 5/3/2022 7:05:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	: LRN
Chloride	ND	60	mg/Kg	20	5/4/2022 12:14:51 PM	67255
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: SB
Diesel Range Organics (DRO)	14	10	mg/Kg	1	5/4/2022 12:44:57 PM	67242
Motor Oil Range Organics (MRO)	58	50	mg/Kg	1	5/4/2022 12:44:57 PM	67242
Surr: DNOP	91.5	51.1-141	%Rec	1	5/4/2022 12:44:57 PM	67242
EPA METHOD 8015D: GASOLINE RANGE					Analys	: BRM
Gasoline Range Organics (GRO)	ND	3.0	mg/Kg	1	5/4/2022 10:53:00 AM	A87721
Surr: BFB	102	37.7-212	%Rec	1	5/4/2022 10:53:00 AM	A87721
EPA METHOD 8021B: VOLATILES					Analys	: BRM
Benzene	0.060	0.015	mg/Kg	1	5/4/2022 10:53:00 AM	B87721
Toluene	0.046	0.030	mg/Kg	1	5/4/2022 10:53:00 AM	B87721
Ethylbenzene	ND	0.030	mg/Kg	1	5/4/2022 10:53:00 AM	B87721
Xylenes, Total	ND	0.060	mg/Kg	1	5/4/2022 10:53:00 AM	B87721
Surr: 4-Bromofluorobenzene	79.9	70-130	%Rec	1	5/4/2022 10:53:00 AM	B87721

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

Qualifiers:

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

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### **Analytical Report**

Lab Order 2205127

Date Reported: 5/10/2022

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: SC-15

 Project:
 Enterprise Line 16 24 30
 Collection Date: 5/2/2022 12:36:00 PM

 Lab ID:
 2205127-015
 Matrix: MEOH (SOIL)
 Received Date: 5/3/2022 7:05:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: LRN Chloride ND 59 mg/Kg 20 5/4/2022 12:27:16 PM 67255 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 9.7 mg/Kg 5/4/2022 1:06:38 PM 67242 Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 5/4/2022 1:06:38 PM 67242 Surr: DNOP 90.6 51.1-141 %Rec 5/4/2022 1:06:38 PM 67242 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM Gasoline Range Organics (GRO) ND 5/4/2022 11:12:00 AM A87721 3.4 mg/Kg 1 Surr: BFB 101 %Rec 5/4/2022 11:12:00 AM A87721 37.7-212 **EPA METHOD 8021B: VOLATILES** Analyst: BRM 0.031 0.017 5/4/2022 11:12:00 AM B87721 Benzene mg/Kg Toluene ND 0.034 mg/Kg 5/4/2022 11:12:00 AM B87721 Ethylbenzene ND 0.034 mg/Kg 1 5/4/2022 11:12:00 AM B87721 Xylenes, Total ND 0.067 mg/Kg 5/4/2022 11:12:00 AM B87721 Surr: 4-Bromofluorobenzene 70-130 81.4 %Rec 5/4/2022 11:12:00 AM B87721

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

Qualifiers:

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

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Surr: 4-Bromofluorobenzene

### **Analytical Report**

5/4/2022 11:32:00 AM

B87721

Lab Order 2205127

Doratory, Inc. Date Reported: 5/10/2022

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: SC-16

 Project:
 Enterprise Line 16 24 30
 Collection Date: 5/2/2022 12:32:00 PM

 Lab ID:
 2205127-016
 Matrix: MEOH (SOIL)
 Received Date: 5/3/2022 7:05:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: LRN Chloride ND 61 mg/Kg 20 5/4/2022 12:39:41 PM 67255 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 10 mg/Kg 5/4/2022 1:28:16 PM 67242 Motor Oil Range Organics (MRO) ND 50 mg/Kg 1 5/4/2022 1:28:16 PM 67242 Surr: DNOP 113 51.1-141 %Rec 5/4/2022 1:28:16 PM 67242 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM Gasoline Range Organics (GRO) ND 5/4/2022 11:32:00 AM A87721 3.5 mg/Kg 1 Surr: BFB 103 37.7-212 %Rec 5/4/2022 11:32:00 AM A87721 **EPA METHOD 8021B: VOLATILES** Analyst: BRM ND 0.018 5/4/2022 11:32:00 AM B87721 Benzene mg/Kg Toluene ND 0.035 mg/Kg 5/4/2022 11:32:00 AM B87721 Ethylbenzene ND 0.035 mg/Kg 1 5/4/2022 11:32:00 AM B87721 Xylenes, Total ND 0.070 mg/Kg 5/4/2022 11:32:00 AM B87721

81.5

70-130

%Rec

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

Qualifiers:

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

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### **Analytical Report**

Lab Order 2205127

Date Reported: 5/10/2022

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: SC-17

**Project:** Enterprise Line 16 24 30 Collection Date: 5/2/2022 1:36:00 PM

**Lab ID:** 2205127-017 **Matrix:** MEOH (SOIL) **Received Date:** 5/3/2022 7:05:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: LRN
Chloride	ND	60	mg/Kg	20	5/4/2022 12:52:05 PM	67255
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: SB
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	5/4/2022 1:49:51 PM	67242
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	5/4/2022 1:49:51 PM	67242
Surr: DNOP	110	51.1-141	%Rec	1	5/4/2022 1:49:51 PM	67242
EPA METHOD 8015D: GASOLINE RANGE					Analys	: BRM
Gasoline Range Organics (GRO)	ND	3.3	mg/Kg	1	5/4/2022 11:52:00 AM	A87721
Surr: BFB	101	37.7-212	%Rec	1	5/4/2022 11:52:00 AM	A87721
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.017	mg/Kg	1	5/4/2022 11:52:00 AM	B87721
Toluene	ND	0.033	mg/Kg	1	5/4/2022 11:52:00 AM	B87721
Ethylbenzene	ND	0.033	mg/Kg	1	5/4/2022 11:52:00 AM	B87721
Xylenes, Total	ND	0.066	mg/Kg	1	5/4/2022 11:52:00 AM	B87721
Surr: 4-Bromofluorobenzene	83.4	70-130	%Rec	1	5/4/2022 11:52:00 AM	B87721

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

Qualifiers:

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

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### **Analytical Report**

Lab Order 2205127

Date Reported: 5/10/2022

5/4/2022 12:12:00 PM

5/4/2022 12:12:00 PM

B87721

B87721

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: SC-18

 Project:
 Enterprise Line 16 24 30
 Collection Date: 5/2/2022 1:34:00 PM

 Lab ID:
 2205127-018
 Matrix: MEOH (SOIL)
 Received Date: 5/3/2022 7:05:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: LRN Chloride ND 60 mg/Kg 20 5/4/2022 1:29:18 PM 67255 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 9.8 mg/Kg 5/4/2022 2:35:36 PM 67242 Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 5/4/2022 2:35:36 PM 67242 Surr: DNOP 96.3 51.1-141 %Rec 5/4/2022 2:35:36 PM 67242 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM Gasoline Range Organics (GRO) ND 5/4/2022 12:12:00 PM A87721 3.4 mg/Kg 1 Surr: BFB 104 37.7-212 %Rec 5/4/2022 12:12:00 PM A87721 **EPA METHOD 8021B: VOLATILES** Analyst: BRM ND 0.017 5/4/2022 12:12:00 PM B87721 Benzene mg/Kg Toluene ND 0.034 mg/Kg 5/4/2022 12:12:00 PM B87721 Ethylbenzene ND 0.034 mg/Kg 1 5/4/2022 12:12:00 PM B87721

ND

80.8

0.068

70-130

mg/Kg

%Rec

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

Qualifiers:

Xylenes, Total

Surr: 4-Bromofluorobenzene

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

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### Hall Environmental Analysis Laboratory, Inc.

#: 2205127 10-May-22

WO#:

Client: Souder, Miller & Associates

Project: Enterprise Line 16 24 30

Sample ID: MB-67253 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 67253 RunNo: 87729

Prep Date: 5/4/2022 Analysis Date: 5/4/2022 SeqNo: 3108025 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-67253 SampType: Ics TestCode: EPA Method 300.0: Anions Client ID: LCSS Batch ID: 67253 RunNo: 87729 Prep Date: 5/4/2022 Analysis Date: 5/4/2022 SeqNo: 3108026 Units: mg/Kg **RPDLimit** Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD Qual

Chloride 14 1.5 15.00 0 90.6 90 110

Sample ID: MB-67255 TestCode: EPA Method 300.0: Anions SampType: mblk Client ID: PBS Batch ID: 67255 RunNo: 87756 Prep Date: Analysis Date: 5/4/2022 SeqNo: 3108144 Units: mg/Kg 5/4/2022 Analyte Result PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Qual LowLimit

Chloride ND 1.5

Sample ID: LCS-67255 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 67255 RunNo: 87756

Prep Date: Analysis Date: 5/4/2022 SeqNo: 3108145 5/4/2022 Units: mg/Kg Result **PQL** SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Qual Analyte LowLimit

Chloride 14 1.5 15.00 0 90.5 90 110

#### Qualifiers:

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

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# Hall Environmental Analysis Laboratory, Inc.

9.9

990

6.8

WO#: 2205127 10-May-22

**Client:** Souder, Miller & Associates Project. Enterprise Line 16 24 30

<b>Project:</b> Enterprise	Line 16 24 3	0							
Sample ID: LCS-67242	SampType:	LCS	Tes	tCode: EP	A Method	8015M/D: Die:	sel Range	Organics	
Client ID: LCSS	Batch ID:	67242	F	RunNo: <b>87</b> 7	710				
Prep Date: 5/4/2022	Analysis Date:	5/4/2022	5	SeqNo: 310	07011	Units: mg/K	g		
Analyte	Result PC	L SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	10 50.00	0	102	68.9	135			
Surr: DNOP	3.9	5.000		78.7	51.1	141			
Sample ID: MB-67242	SampType:	MBLK	Tes	tCode: EPA	A Method	8015M/D: Die:	sel Range	Organics	
Client ID: PBS	Batch ID:	67242	F	RunNo: <b>87</b> 7	710				
Prep Date: 5/4/2022	Analysis Date:	5/4/2022	5	SeqNo: 310	07013	Units: mg/K	g		
Analyte	Result PC	L SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10							
Motor Oil Range Organics (MRO)	ND	50							
Surr: DNOP	7.6	10.00		76.4	51.1	141			
Sample ID: 2205127-001AMSD	SampType:	MSD	Tes	tCode: EPA	A Method	8015M/D: Die:	sel Range	Organics	
Client ID: SC-1	Batch ID:	67242	F	RunNo: <b>87</b> 7	723				
Prep Date: 5/4/2022	Analysis Date:	5/4/2022	9	SeqNo: 310	08245	Units: mg/K	g		
Analyte	Result PC	L SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	950	9.8 48.92	906.1	93.9	36.1	154	3.75	33.9	
Surr: DNOP	6.6	4.892		136	51.1	141	0	0	
Sample ID: 2205127-001AMS	SampType:	MS	Tes	tCode: EP	A Method	8015M/D: Die:	sel Range	Organics	
Client ID: SC-1	Batch ID:	67242	RunNo: <b>87723</b>						
Prep Date: 5/4/2022	Analysis Date:	5/4/2022	5	SeqNo: 310	08247	Units: mg/K	g		
Analyte	Result PC	L SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

906.1

49.41

4.941

#### Qualifiers:

Surr: DNOP

Diesel Range Organics (DRO)

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference
- Analyte detected in the associated Method Blank

36.1

51.1

167

138

154

141

- Estimated value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RLReporting Limit

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ES

# Hall Environmental Analysis Laboratory, Inc.

WO#: **2205127** 

10-May-22

Client:	Souder, Miller & Associates
Project:	Enterprise Line 16 24 30

Analyste	Troject.	Enterprise										
Prep Dete:   Analysis Dete: St/I 2022   SeqNo: 310-6765   Units: mg/Ky	Sample ID:	2.5ug gro lcs	SampT	ype: LC	S	Tes	tCode: <b>EF</b>	PA Method	8015D: Gaso	line Range		
Analyte	Client ID:	LCSS	Batch	ID: <b>A8</b> 7	7721	F	RunNo: 87	7721				
Sample ID: mb	Prep Date:		Analysis D	ate: 5/4	1/2022	9	SeqNo: 31	106765	Units: mg/K	(g		
Sample ID: mb   SampType: MBLK   TestCode: EPA Method 8015D: Gasoline Range Client ID: PBS   Batch ID: A87721   RunNox 87721   RunNox 87724   RunNox 87724	Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sample ID: mb		e Organics (GRO)		5.0		0						
Client ID:   PBS	Surr: BFB		2200		1000		216	37.7	212			S
Prep Date   Analysis   Date   Shi   Pol   Service   Seq No.   3106766   Units: mg/Kg	Sample ID:	mb	SampT	уре: МВ	LK	Tes	tCode: <b>EF</b>	PA Method	8015D: Gaso	line Range		
Analyte	Client ID:	PBS	Batch	ID: <b>A8</b> 7	7721	F	RunNo: 87	7721				
Sample ID:   Mb   SampType:   MBLK   TestCode: EPA Method 8015D: Gasoline Range   Client ID:   PBS   Batch ID:   G87724   RunNo:   87724   R	Prep Date:		Analysis D	ate: 5/4	1/2022	8	SeqNo: 31	106766	Units: mg/K	(g		
Surr: BFB   1000   1000   1010   37.7   212	Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sample ID: mb	ū	e Organics (GRO)		5.0								
Client ID:   PBS	Surr: BFB		1000		1000		101	37.7	212			
Prep Date:   Analysis Date:   5/4/2022   SeqNo:   3107395   Units: mg/Kg	Sample ID:	mb	SampT	уре: МВ	LK	Tes	tCode: <b>EF</b>	PA Method	8015D: Gaso	line Range		
Analyte	Client ID:	PBS	Batch	ID: <b>G8</b>	7724	F	RunNo: 87	7724				
Sample   Diagon   Samp   Sam	Prep Date:		Analysis D	ate: 5/4	1/2022	8	SeqNo: 31	107395	Units: mg/K	(g		
Sample ID: 2.5ug gro lcs	Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sample   D: 2.5ug gro   cs   SampType:   LCS   TestCode:   EPA   Method   8015D: Gasoline   Range		e Organics (GRO)		5.0								
Client ID: LCSS	Surr: BFB		1100		1000		107	37.7	212			
Prep Date:   Analysis Date:   5/4/2022   SeqNo:   3107396   Units:   mg/Kg	Sample ID:	2.5ug gro lcs	SampT	ype: LC	S	•						
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Sasoline Range Organics (GRO) 26 5.0 25.00 0 103 72.3 137 212 S  Sample ID: 2205127-003ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: SC-3 Batch ID: G87724 RunNo: 87724  Prep Date: Analysis Date: 5/4/2022 SeqNo: 3107406 Units: mg/Kg  Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Sasoline Range Organics (GRO) 78 15 72.80 0 107 70 130 Surr: BFB 6600 2912 226 37.7 212 S  Sample ID: 2205127-003amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range Client ID: G87724 RunNo: 87724  Prep Date: Analysis Date: 5/4/2022 SeqNo: 3107407 Units: mg/Kg  TestCode: EPA Method 8015D: Gasoline Range Range Range Range RunNo: 87724  Prep Date: Analysis Date: 5/4/2022 SeqNo: 3107407 Units: mg/Kg	Client ID:	LCSS	Batch	ID: <b>G8</b>	7724	RunNo: 87724						
Sasoline Range Organics (GRO)   26   5.0   25.00   0   103   72.3   137	Prep Date:		Analysis D	ate: 5/4	1/2022	8	SeqNo: 31	107396	Units: mg/K	(g		
Surr: BFB         2200         1000         220         37.7         212         S           Sample ID: 2205127-003ams         SampType: MS         TestCode: EPA Method 8015D: Gasoline Range         TestCode: EPA Method 8015D: Gasoline Range         Client ID: Gasoline Range         Range Range         Range R			Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sample ID:         2205127-003ams         SampType:         MS         TestCode:         EPA Method         8015D:         Gasoline Range           Client ID:         SC-3         Batch ID:         G87724         RunNo:         87724           Prep Date:         Analysis Date:         5/4/2022         SeqNo:         3107406         Units:         mg/Kg           Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           Gasoline Range Organics (GRO)         78         15         72.80         0         107         70         130           Surr:         BFB         6600         2912         226         37.7         212         S           Sample ID:         2205127-003amsd         SampType:         MSD         TestCode:         EPA Method         8015D:         Gasoline Range           Client ID:         SC-3         Batch ID:         G87724         RunNo:         87724           Prep Date:         Analysis Date:         5/4/2022         SeqNo:         3107407         Units:         mg/Kg		e Organics (GRO)		5.0		0						0
Client ID: SC-3   Batch ID: G87724   RunNo: 87724	OUII: BFB						220	31.1	212			<u>ي</u>
Prep Date:         Analysis Date:         5/4/2022         SeqNo:         3107406         Units:         mg/Kg           Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           Gasoline Range Organics (GRO)         78         15         72.80         0         107         70         130           Surr: BFB         6600         2912         226         37.7         212         S           Sample ID:         2205127-003amsd         SampType:         MSD         TestCode:         EPA Method 8015D:         Gasoline Range           Client ID:         SC-3         Batch ID:         G87724         RunNo:         87724           Prep Date:         Analysis Date:         5/4/2022         SeqNo:         3107407         Units:         mg/Kg	Sample ID:	2205127-003ams							8015D: Gaso	line Range		
Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           Gasoline Range Organics (GRO)         78         15         72.80         0         107         70         130           Surr: BFB         6600         2912         226         37.7         212         S           Sample ID: 2205127-003amsd         SampType: MSD         TestCode: EPA Method 8015D: Gasoline Range           Client ID: SC-3         Batch ID: G87724         RunNo: 87724           Prep Date:         Analysis Date: 5/4/2022         SeqNo: 3107407         Units: mg/Kg	Client ID:	SC-3	Batch	ID: <b>G8</b>	7724							
Gasoline Range Organics (GRO)         78         15         72.80         0         107         70         130           Surr: BFB         6600         2912         226         37.7         212         S           Sample ID: 2205127-003amsd         SampType: MSD         TestCode: EPA Method 8015D: Gasoline Range           Client ID: SC-3         Batch ID: G87724         RunNo: 87724           Prep Date:         Analysis Date: 5/4/2022         SeqNo: 3107407         Units: mg/Kg	Prep Date:		Analysis D	ate: 5/4	1/2022	8	SeqNo: 31	107406	Units: mg/K	(g		
Surr: BFB         6600         2912         226         37.7         212         S           Sample ID: 2205127-003amsd         SampType: MSD         TestCode: EPA Method 8015D: Gasoline Range           Client ID: SC-3         Batch ID: G87724         RunNo: 87724           Prep Date:         Analysis Date: 5/4/2022         SeqNo: 3107407         Units: mg/Kg	Analyte									%RPD	RPDLimit	Qual
Sample ID: 2205127-003amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range Client ID: SC-3 Batch ID: G87724 RunNo: 87724 Prep Date: Analysis Date: 5/4/2022 SeqNo: 3107407 Units: mg/Kg	•	e Organics (GRO)		15		0						C
Client ID:         SC-3         Batch ID:         G87724         RunNo:         87724           Prep Date:         Analysis Date:         5/4/2022         SeqNo:         3107407         Units:         mg/Kg	Suil: BEB		6600		2912		220	31.1	212			ა
Prep Date: Analysis Date: 5/4/2022 SeqNo: 3107407 Units: mg/Kg	Sample ID:	2205127-003amsd	SampT	ype: MS	D	Tes	tCode: <b>EF</b>	PA Method	8015D: Gaso	line Range		
	Client ID:	SC-3	Batch	ID: <b>G8</b>	7724	F	RunNo: 87	7724				
Analyta Paguit DOI SPK value SPK Paf Val 9/ PEC Laud imit Ulahl imit 9/ PPD PPD imit Oual	Prep Date:		Analysis D	ate: 5/4	1/2022	\$	SeqNo: 31	107407	Units: mg/K	(g		
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual	Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

#### Qualifiers:

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

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# Hall Environmental Analysis Laboratory, Inc.

2205127 10-May-22

WO#:

Client: Souder, Miller & Associates
Project: Enterprise Line 16 24 30

Sample ID: 2205127-003amsd	SampT	уре: МS	SD .	TestCode: EPA Method 8015D: Gasoline Range						
Client ID: SC-3	Batch	n ID: <b>G8</b>	7724	F	RunNo: 87	7724				
Prep Date:	Analysis D	oate: 5/4	4/2022	SeqNo: 3107407 Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	80	15	72.80	0	110	70	130	2.79	20	
Surr: BFB	6800		2912		234	37.7	212	0	0	S

Sample ID: 2205127-011ams	Samp1	SampType: MS TestCode: EPA Method 8015D: Gasoline Range								
Client ID: SC-11	Batcl	h ID: A8	7721	F	RunNo: 87	7721				
Prep Date:	Analysis [	Date: 5/4	4/2022	5	SeqNo: 3	107552	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	20	3.9	19.58	0	103	70	130			
Surr: BFB	1700		783.1		222	37.7	212			S

Sample ID:	2205127-011amsd	SampT	ype: MS	D	TestCode: EPA Method 8015D: Gasoline Range						
Client ID:	SC-11	Batch	1D: <b>A8</b> 7	7721	F	RunNo: 87	7721				
Prep Date:		Analysis D	ate: <b>5/</b> 4	1/2022	SeqNo: <b>3107553</b> Units: <b>mg/Kg</b>						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range	e Organics (GRO)	20	3.9	19.58	0	101	70	130	2.08	20	
Surr: BFB		1700		783.1		213	37.7	212	0	0	S

#### Qualifiers:

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

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# Hall Environmental Analysis Laboratory, Inc.

WO#: **2205127** *10-May-22* 

Client: Souder, Miller & Associates

Project: Enterprise Line 16 24 30

Sample ID: 100ng btex Ics	Samp <sup>1</sup>	SampType: LCS TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batc	h ID: <b>B8</b> 7	7721	F	RunNo: 87	7721				
Prep Date:	Analysis [	nalysis Date: 5/4/2022 SeqNo: 3106776 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.83	0.025	1.000	0	83.5	80	120			
Toluene	0.85	0.050	1.000	0	85.0	80	120			
Ethylbenzene	0.85	0.050	1.000	0	85.0	80	120			
Xylenes, Total	2.5	0.10	3.000	0	84.9	80	120			
Surr: 4-Bromofluorobenzene	0.84		1.000		84.5	70	130			
Sample ID: mb	SampType: MBLK TestCode: EPA Method 8021B: Volatiles									

Sample ID: <b>mb</b>	SampT	уре: <b>МЕ</b>	BLK	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: PBS	Batcl	n ID: <b>B8</b>	7721	F	RunNo: 87	7721				
Prep Date:	Analysis [	Date: 5/4	4/2022	5	SeqNo: 31	106777	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.83		1.000		82.6	70	130			

Sample ID: mb	Samp1	уре: МЕ	BLK	Tes	tCode: <b>EF</b>	les				
Client ID: PBS	Batcl	Batch ID: <b>B87724</b>			RunNo: 87	7724				
Prep Date:	Analysis D	Date: 5/4	4/2022	SeqNo: 3107434 Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		103	70	130			

Sample ID: 100ng btex Ics	SampT	ype: <b>LC</b>	s	Tes	PA Method	8021B: Volati	les				
Client ID: LCSS	Batcl	n ID: <b>B8</b> 7	7724	F	RunNo: 87	7724					
Prep Date:	Analysis D	Date: 5/4	1/2022	5	SeqNo: 31	107435	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.93	0.025	1.000	0	93.3	80	120				
Toluene	0.98	0.050	1.000	0	97.6	80	120				
Ethylbenzene	0.99	0.050	1.000	0	98.6	80	120				
Xylenes, Total	2.9	0.10	3.000	0	97.6	80	120				
Surr: 4-Bromofluorobenzene	1.1		1.000		107	70	130				

#### Qualifiers:

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

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# Hall Environmental Analysis Laboratory, Inc.

WO#: **2205127** *10-May-22* 

Client: Souder, Miller & Associates

Project: Enterprise Line 16 24 30

Sample ID: 2205127-007ams	Samp	уре: МЅ	}	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: SC-7	Batcl	n ID: <b>B8</b> 7	7724	F	RunNo: 87	7724				
Prep Date:	Analysis [	Date: 5/4	4/2022	5	SeqNo: 3	107445	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	3.8	0.10	3.981	0.2691	88.4	68.8	120			
Toluene	8.1	0.20	3.981	4.246	97.0	73.6	124			
Ethylbenzene	6.1	0.20	3.981	2.348	95.3	72.7	129			
Xylenes, Total	27	0.40	11.94	15.75	94.2	75.7	126			
Surr: 4-Bromofluorobenzene	5.0		3.981		127	70	130			

Sample ID: 2205127-007amsd	SampT	ype: MS	SD .	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: SC-7	Batch	1D: <b>B8</b>	7724	F	RunNo: 87	7724				
Prep Date:	Analysis D	ate: 5/4	4/2022	5	SeqNo: 31	107446	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	4.6	0.10	3.981	0.2691	109	68.8	120	19.8	20	
Toluene	9.1	0.20	3.981	4.246	122	73.6	124	11.5	20	
Ethylbenzene	7.1	0.20	3.981	2.348	120	72.7	129	14.7	20	
Xylenes, Total	30	0.40	11.94	15.75	119	75.7	126	10.4	20	
Surr: 4-Bromofluorobenzene	5.0		3.981		125	70	130	0	0	

Sample ID: 2205127-012ams	Samp <sup>-</sup>	Гуре: МЅ	3	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: SC-12	Batc	h ID: <b>B8</b>	7721	F	RunNo: 87	7721				
Prep Date:	Analysis [	Date: <b>5/</b> 4	4/2022	5	SeqNo: 3	107575	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.49	0.014	0.5650	0	86.4	68.8	120			
Toluene	0.53	0.028	0.5650	0.04060	86.6	73.6	124			
Ethylbenzene	0.57	0.028	0.5650	0.08020	86.7	72.7	129			
Xylenes, Total	1.9	0.057	1.695	0.4604	85.6	75.7	126			
Surr: 4-Bromofluorobenzene	0.76		0.5650		135	70	130			S

Sample ID: 2205127-012amsd	SampT	уре: <b>МЅ</b>	D	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: SC-12	Batch	n ID: <b>B8</b> 7	7721	F	RunNo: 87	7721				
Prep Date:	Analysis D	Date: 5/4	1/2022	5	SeqNo: 31	107576	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.47	0.014	0.5650	0	82.9	68.8	120	4.06	20	
Toluene	0.51	0.028	0.5650	0.04060	82.8	73.6	124	4.10	20	
Ethylbenzene	0.55	0.028	0.5650	0.08020	82.9	72.7	129	3.88	20	
Xylenes, Total	1.8	0.057	1.695	0.4604	81.9	75.7	126	3.29	20	
Surr: 4-Bromofluorobenzene	0.74		0.5650		130	70	130	0	0	S

#### Qualifiers:

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

Page 24 of 24

Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

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

# Sample Log-In Check List

Client Name:	Souder, Miller & Associates	Work Order Nur	nber: 2205127		RcptNo: 1
Received By:	Juan Rojas	5/3/2022 7:20:00	AM	Hearing	L
Completed By:	Tracy Casarrubias	5/4/2022 7:35:49	AM		
Reviewed By:	SK 5/4/2	L			
Chain of Cus	stody				
1. Is Chain of C	custody complete?		Yes 🗸	No 🗌	Not Present
2. How was the	sample delivered?		Courier		
<u>Log In</u>					
<ol><li>Was an atten</li></ol>	npt made to cool the samp	oles?	Yes 🗸	No 🗌	NA 🗆
4. Were all sam	ples received at a tempera	ature of >0° C to 6.0°C	Yes 🗹	No 🗌	NA 🗆
5. Sample(s) in	proper container(s)?		Yes 🗸	No 🗌	
6. Sufficient sam	nple volume for indicated to	est(s)?	Yes 🗸	No 🗌	
7. Are samples (	except VOA and ONG) pr	operly preserved?	Yes 🗸	No 🗌	
8. Was preserva	tive added to bottles?		Yes	No 🗸	NA 🗆
9. Received at le	ast 1 vial with headspace	<1/4" for AQ VOA?	Yes	No 🗌	NA <b>⊻</b>
10. Were any san	nple containers received b	roken?	Yes	No 🗸	
	ork match bottle labels?	)	Yes 🗸	No 🗌	# of preserved bottles checked for pH:
	correctly identified on Chai	•	Yes 🗸	No 🗌	(<2 or >12 unless noted) Adjusted?
	analyses were requested	•	Yes 🔽	No 🗆	
14. Were all holding	ng times able to be met? ustomer for authorization.)		Yes 🗸	No 🗆	Checked by: JN 5 1/2
	ing (if applicable)			4	/
	tified of all discrepancies v	vith this order?	Yes 🗌	No 🗌	NA <b>✓</b>
Person I	Notified:	Date:			
By Who	m:	Via:	,	Phone  Fax	In Person
Regardii	ng:				
Client In	structions:		WOLKES BUT THE REAL PROPERTY OF THE PARTY OF		AND
16. Additional ren	narks:				
17. Cooler Inform	nation				
Cooler No	Temp °C Condition	Seal Intact Seal No	Seal Date	Signed By	
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Chain-of-Custody Record	ar ? Associates		Mailing Address: 201 Sowh Halaqueno St.	88220	. 2758	email or Fax#: Heather whoods @Scuclermiller.com		□ Level 4 (Full Validation)			Sample Request ID	Sc-1	Sc-2	SC-3	SC-4	56-5	5C-6	56-7	5C-8	50-9	Sc-10	50-11	2-12	•	h. M. Warl	d by:	1400 decuming)
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Report to:
Ashley Maxwell







5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





# envirotech

Practical Solutions for a Better Tomorrow

# **Analytical Report**

Souder Miller Associates - Carlsbad

Project Name: Enterprise Poker Lake

Work Order: E207170

Job Number: 97057-0001

Received: 7/25/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 7/28/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/28/22

Ashley Maxwell 201 S Halagueno St. Carlsbad, NM 88220

Project Name: Enterprise Poker Lake

Workorder: E207170

Date Received: 7/25/2022 10:20:00AM

Ashley Maxwell,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/25/2022 10:20:00AM, under the Project Name: Enterprise Poker Lake.

The analytical test results summarized in this report with the Project Name: Enterprise Poker Lake apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

**Alexa Michaels** 

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

**Southern New Mexico Area** Lynn Jarboe

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Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative

Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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# Sample Summary

Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	Donoutodi
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	07/28/22 16:35

Client Sample ID	Lab Sample ID Ma	atrix Sampled	Received	Container
BH01 @ 18 - 18.5	E207170-01A S	Soil 07/20/22	07/25/22	Glass Jar, 4 oz.
ВН01 @ 25 - 27	E207170-02A S	Soil 07/20/22	07/25/22	Glass Jar, 4 oz.
ВН01 @ 30 - 31.5	E207170-03A S	Soil 07/20/22	07/25/22	Glass Jar, 4 oz.
ВН01 @ 35 - 37	E207170-04A S	Soil 07/20/22	07/25/22	Glass Jar, 4 oz.
BH01 @ 45 - 46	E207170-05A S	Soil 07/20/22	07/25/22	Glass Jar, 4 oz.
BH01 @ 55 - 56.5	E207170-06A S	Soil 07/20/22	07/25/22	Glass Jar, 4 oz.
BH02 @ 20 - 21.5	E207170-07A S	Soil 07/20/22	07/25/22	Glass Jar, 4 oz.
BH02 @ 27 - 28.5	E207170-08A S	Soil 07/20/22	07/25/22	Glass Jar, 4 oz.
BH02 @ 40 - 41.5	E207170-09A S	Soil 07/20/22	07/25/22	Glass Jar, 4 oz.
ВН03 @ 10 - 11.5	E207170-10A S	Soil 07/20/22	07/25/22	Glass Jar, 4 oz.
ВН03 @ 22 - 23.5	E207170-11A S	Soil 07/20/22	07/25/22	Glass Jar, 4 oz.
ВН03 @ 27.5 - 29	E207170-12A S	Soil 07/20/22	07/25/22	Glass Jar, 4 oz.
ВН03 @ 35 - 36.5	E207170-13A S	Soil 07/20/22	07/25/22	Glass Jar, 4 oz.
BH03 @ 45 - 46.5	E207170-14A S	Soil 07/20/22	07/25/22	Glass Jar, 4 oz.



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	7/28/2022 4:35:18PM

# BH01 @ 18 - 18.5

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analys	st: IY		Batch: 2231013
ND	0.0250	1	07/25/22	07/28/22	
ND	0.0250	1	07/25/22	07/28/22	
ND	0.0250	1	07/25/22	07/28/22	
ND	0.0250	1	07/25/22	07/28/22	
ND	0.0500	1	07/25/22	07/28/22	
ND	0.0250	1	07/25/22	07/28/22	
	96.7 %	70-130	07/25/22	07/28/22	
mg/kg	mg/kg	Analys	st: IY		Batch: 2231013
ND	20.0	1	07/25/22	07/28/22	
	94.1 %	70-130	07/25/22	07/28/22	
mg/kg	п				
mg/kg	mg/kg	Analys	st: JL		Batch: 2231039
ND	25.0	Analys	07/27/22	07/27/22	Batch: 2231039
		Analys 1 1		07/27/22 07/27/22	Batch: 2231039
ND	25.0	Analys  1  1  50-200	07/27/22		Batch: 2231039
ND	25.0 50.0	1 1 50-200	07/27/22 07/27/22	07/27/22	Batch: 2231039
1	ND N	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           MD         20.0           94.1 %	Result         Limit         Dilution           mg/kg         mg/kg         Analys           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MD         0.0250         1           96.7 %         70-130           mg/kg         mg/kg         Analys           ND         20.0         1           94.1 %         70-130	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         07/25/22           ND         0.0250         1         07/25/22           ND         0.0250         1         07/25/22           ND         0.0250         1         07/25/22           ND         0.0500         1         07/25/22           ND         0.0250         1         07/25/22           MD         0.0250         1         07/25/22           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         07/25/22           94.1 %         70-130         07/25/22	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         07/25/22         07/28/22           ND         0.0500         1         07/25/22         07/28/22           ND         0.0250         1         07/25/22         07/28/22           mg/kg         70-130         07/25/22         07/28/22           mg/kg         Analyst: IY         ND         20.0         1         07/25/22         07/28/22           94.1 %         70-130         07/25/22         07/28/22         07/28/22



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	7/28/2022 4:35:18PM

#### BH01 @ 25 - 27

E207170-02								
Reporting								
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2231013		
Benzene	ND	0.0250	1	07/25/22	07/28/22			
Ethylbenzene	ND	0.0250	1	07/25/22	07/28/22			
Toluene	ND	0.0250	1	07/25/22	07/28/22			
o-Xylene	ND	0.0250	1	07/25/22	07/28/22			
o,m-Xylene	ND	0.0500	1	07/25/22	07/28/22			
Total Xylenes	ND	0.0250	1	07/25/22	07/28/22			
Surrogate: 4-Bromochlorobenzene-PID		97.3 %	70-130	07/25/22	07/28/22			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	aalyst: IY		Batch: 2231013		
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/28/22			
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.8 %	70-130	07/25/22	07/28/22			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	alyst: JL		Batch: 2231039		
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/22	07/27/22			
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/22	07/27/22			
Surrogate: n-Nonane		81.0 %	50-200	07/27/22	07/27/22			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: RAS		Batch: 2231042		
Chloride	125	20.0	1	07/27/22	07/27/22			



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	7/28/2022 4:35:18PM

# BH01 @ 30 - 31.5

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2231013
Benzene	ND	0.0250	1	07/25/22	07/28/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/28/22	
Toluene	ND	0.0250	1	07/25/22	07/28/22	
o-Xylene	ND	0.0250	1	07/25/22	07/28/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/28/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/28/22	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130	07/25/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2231013
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	07/25/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2231039
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/22	07/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/22	07/28/22	
Surrogate: n-Nonane		74.7 %	50-200	07/27/22	07/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: RAS		Batch: 2231042
<del></del>	150	20.0		07/27/22	07/27/22	· · · · · · · · · · · · · · · · · · ·



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	7/28/2022 4:35:18PM

### BH01 @ 35 - 37

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2231013
Benzene	ND	0.0250	1	07/25/22	07/28/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/28/22	
Toluene	ND	0.0250	1	07/25/22	07/28/22	
o-Xylene	ND	0.0250	1	07/25/22	07/28/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/28/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/28/22	
Surrogate: 4-Bromochlorobenzene-PID		96.9 %	70-130	07/25/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2231013
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	07/25/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2231039
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/22	07/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/22	07/28/22	
Surrogate: n-Nonane		74.3 %	50-200	07/27/22	07/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2231042
Chloride	117	20.0	1	07/27/22	07/27/22	



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	7/28/2022 4:35:18PM

### BH01 @ 45 - 46

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2231013
Benzene	ND	0.0250	1	07/25/22	07/28/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/28/22	
Toluene	ND	0.0250	1	07/25/22	07/28/22	
o-Xylene	ND	0.0250	1	07/25/22	07/28/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/28/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/28/22	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130	07/25/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: IY		Batch: 2231013
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	07/25/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: JL		Batch: 2231039
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/22	07/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/22	07/28/22	
Surrogate: n-Nonane		75.3 %	50-200	07/27/22	07/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: RAS		Batch: 2231042



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	7/28/2022 4:35:18PM

### BH01 @ 55 - 56.5

		D				
Analyte	Result	Reporting Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		alyst: IY	7 mary 200	Batch: 2231013
Renzene	ND	0.0250	1	07/25/22	07/28/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/28/22	
Toluene	ND	0.0250	1	07/25/22	07/28/22	
o-Xylene	ND	0.0250	1	07/25/22	07/28/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/28/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/28/22	
Surrogate: 4-Bromochlorobenzene-PID		96.8 %	70-130	07/25/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2231013
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	07/25/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2231039
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/22	07/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/22	07/28/22	
Surrogate: n-Nonane		75.7 %	50-200	07/27/22	07/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2231042
Chloride	63.8	20.0	1	07/27/22	07/27/22	



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	7/28/2022 4:35:18PM

### BH02 @ 20 - 21.5

		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2231013
Benzene	ND	0.0250	1	07/25/22	07/28/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/28/22	
Toluene	ND	0.0250	1	07/25/22	07/28/22	
o-Xylene	ND	0.0250	1	07/25/22	07/28/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/28/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/28/22	
Surrogate: 4-Bromochlorobenzene-PID		97.2 %	70-130	07/25/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2231013
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.2 %	70-130	07/25/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2231039
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/22	07/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/22	07/28/22	
Surrogate: n-Nonane		80.7 %	50-200	07/27/22	07/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2231042
Chloride	ND	20.0	1	07/27/22	07/27/22	•



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	7/28/2022 4:35:18PM

### ВН02 @ 27 - 28.5

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2231013
Benzene	ND	0.0250	1	07/25/22	07/28/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/28/22	
Toluene	ND	0.0250	1	07/25/22	07/28/22	
o-Xylene	ND	0.0250	1	07/25/22	07/28/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/28/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/28/22	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130	07/25/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: IY		Batch: 2231013
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	07/25/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: JL		Batch: 2231039
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/22	07/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/22	07/28/22	
Surrogate: n-Nonane		75.4 %	50-200	07/27/22	07/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: RAS		Batch: 2231042
Amons by E171 500:0/703011						



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	7/28/2022 4:35:18PM

### BH02 @ 40 - 41.5

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2231013
Benzene	ND	0.0250	1	07/25/22	07/28/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/28/22	
Toluene	ND	0.0250	1	07/25/22	07/28/22	
o-Xylene	ND	0.0250	1	07/25/22	07/28/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/28/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/28/22	
Surrogate: 4-Bromochlorobenzene-PID		117 %	70-130	07/25/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2231013
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	07/25/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: JL		Batch: 2231039
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/22	07/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/22	07/28/22	
Surrogate: n-Nonane		79.3 %	50-200	07/27/22	07/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2231042
Chloride	279	20.0	1	07/27/22	07/27/22	



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	7/28/2022 4:35:18PM

### ВН03 @ 10 - 11.5

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2231013
Benzene	ND	0.0250	1	07/25/22	07/28/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/28/22	
Toluene	ND	0.0250	1	07/25/22	07/28/22	
o-Xylene	ND	0.0250	1	07/25/22	07/28/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/28/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/28/22	
Surrogate: 4-Bromochlorobenzene-PID		115 %	70-130	07/25/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2231013
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	07/25/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2231039
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/22	07/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/22	07/28/22	
Surrogate: n-Nonane		69.7 %	50-200	07/27/22	07/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2231042
Chloride	ND	20.0	1	07/27/22	07/27/22	



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	7/28/2022 4:35:18PM

### ВН03 @ 22 - 23.5

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2231013
Benzene	ND	0.0250	1	07/25/22	07/28/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/28/22	
Toluene	ND	0.0250	1	07/25/22	07/28/22	
o-Xylene	ND	0.0250	1	07/25/22	07/28/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/28/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/28/22	
Surrogate: 4-Bromochlorobenzene-PID		114 %	70-130	07/25/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2231013
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	07/25/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2231039
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/22	07/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/22	07/28/22	
Surrogate: n-Nonane		79.9 %	50-200	07/27/22	07/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2231042
Chloride	37.9	20.0	1	07/27/22	07/27/22	



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	7/28/2022 4:35:18PM

### ВН03 @ 27.5 - 29

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: IY		Batch: 2231013
Benzene	ND	0.0250	1	07/25/22	07/28/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/28/22	
Toluene	ND	0.0250	1	07/25/22	07/28/22	
o-Xylene	ND	0.0250	1	07/25/22	07/28/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/28/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/28/22	
Surrogate: 4-Bromochlorobenzene-PID		115 %	70-130	07/25/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2231013
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	07/25/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2231039
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/22	07/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/22	07/28/22	
Surrogate: n-Nonane		65.2 %	50-200	07/27/22	07/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2231042
	103	20.0	•	07/27/22	07/27/22	.,,



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	7/28/2022 4:35:18PM

### ВН03 @ 35 - 36.5

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2231013
Benzene	ND	0.0250	1	07/25/22	07/28/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/28/22	
Toluene	ND	0.0250	1	07/25/22	07/28/22	
o-Xylene	ND	0.0250	1	07/25/22	07/28/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/28/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/28/22	
Surrogate: 4-Bromochlorobenzene-PID		114 %	70-130	07/25/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2231013
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		112 %	70-130	07/25/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2231039
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/22	07/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/22	07/28/22	
Surrogate: n-Nonane		81.5 %	50-200	07/27/22	07/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2231042
Chloride	98.9	20.0	1	07/27/22	07/27/22	



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	7/28/2022 4:35:18PM

### BH03 @ 45 - 46.5

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Allalyte	Result	Liiiit	Dilution	Trepared	Anaryzeu	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2231013
Benzene	ND	0.0250	1	07/25/22	07/28/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/28/22	
Toluene	ND	0.0250	1	07/25/22	07/28/22	
o-Xylene	ND	0.0250	1	07/25/22	07/28/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/28/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/28/22	
Surrogate: 4-Bromochlorobenzene-PID		113 %	70-130	07/25/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2231013
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	07/25/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2231039
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/22	07/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/22	07/28/22	
Surrogate: n-Nonane		77.9 %	50-200	07/27/22	07/28/22	
	mg/kg	mg/kg	Analyst: RAS		Batch: 2231042	
Anions by EPA 300.0/9056A	mg ng					Batem 22010 12
Nonhalogenated Organics by EPA 8015D - DRO/ORO Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND	mg/kg 25.0 50.0	Analy 1 1	st: JL 07/27/22 07/27/22	07/28/22 07/28/22	В



Surrogate: 4-Bromochlorobenzene-PID

# **QC Summary Data**

Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	Reported:
201 S Halagueno St.	Project Number:	97057-0001	•
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	7/28/2022 4:35:18PM

Carlsbad NM, 88220		Project Manager		shley Maxwell				7	7/28/2022 4:35:18PM
		Volatile (	Organics b	y EPA 8021	B				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2231013-BLK1)						1	Prepared: 0	7/25/22 An	alyzed: 07/28/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	9.09		8.00		114	70-130			
LCS (2231013-BS1)						]	Prepared: 0	7/25/22 An	alyzed: 07/28/22
Benzene	4.43	0.0250	5.00		88.7	70-130			
Ethylbenzene	4.39	0.0250	5.00		87.8	70-130			
Foluene	4.48	0.0250	5.00		89.5	70-130			
o-Xylene	4.53	0.0250	5.00		90.6	70-130			
o,m-Xylene	8.92	0.0500	10.0		89.2	70-130			
Total Xylenes	13.4	0.0250	15.0		89.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.10		8.00		114	70-130			
LCS Dup (2231013-BSD1)						]	Prepared: 0	7/25/22 An	alyzed: 07/28/22
Benzene	4.53	0.0250	5.00		90.6	70-130	2.17	20	
Ethylbenzene	4.50	0.0250	5.00		89.9	70-130	2.34	20	
Toluene	4.58	0.0250	5.00		91.5	70-130	2.24	20	
-Xylene	4.65	0.0250	5.00		92.9	70-130	2.53	20	
p,m-Xylene	9.14	0.0500	10.0		91.4	70-130	2.44	20	
Total Xylenes	13.8	0.0250	15.0		91.9	70-130	2.47	20	



# **QC Summary Data**

Souder Miller Associates - CarlsbadProject Name:Enterprise Poker LakeReported:201 S Halagueno St.Project Number:97057-0001Carlsbad NM, 88220Project Manager:Ashley Maxwell7/28/2022 4:35:18PM

Nonhalogenated	<b>Organics</b>	by EPA	\ 8015D -	GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

Blank (2231013-BLK1)						Prepared: 07	7/25/22 A	analyzed: 07/28/22
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.51		8.00	106	70-130			
LCS (2231013-BS2)						Prepared: 07	7/25/22 A	analyzed: 07/28/22
Gasoline Range Organics (C6-C10)	49.1	20.0	50.0	98.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.39		8.00	105	70-130			
LCS Dup (2231013-BSD2)						Prepared: 07	7/25/22 A	nalyzed: 07/28/22
Gasoline Range Organics (C6-C10)	48.8	20.0	50.0	97.7	70-130	0.630	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.34		8.00	104	70-130			



# **QC Summary Data**

Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	Reported:
201 S Halagueno St.	Project Number:	97057-0001	·
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	7/28/2022 4:35:18PM

Carlsbad NM, 88220		Project Manage	r: As	shley Maxwel	11			7/	/28/2022 4:35:18PM
	Nonhal	logenated Or		Analyst: JL					
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2231039-BLK1)							Prepared: 0	7/27/22 Ana	alyzed: 07/27/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	46.6		50.0		93.2	50-200			
LCS (2231039-BS1)							Prepared: 0	7/27/22 Ana	alyzed: 07/27/22
Diesel Range Organics (C10-C28)	220	25.0	250		87.9	38-132			
urrogate: n-Nonane	47.0		50.0		94.0	50-200			
Matrix Spike (2231039-MS1)				Source:	E207170-	09	Prepared: 0	7/27/22 Ana	alyzed: 07/27/22
Diesel Range Organics (C10-C28)	235	25.0	250	ND	94.1	38-132			
urrogate: n-Nonane	47.3		50.0		94.5	50-200			
Matrix Spike Dup (2231039-MSD1)				Source:	E207170-	09	Prepared: 0	7/27/22 Ana	alyzed: 07/27/22
Diesel Range Organics (C10-C28)	238	25.0	250	ND	95.0	38-132	0.925	20	
Gurrogate: n-Nonane	42.4		50.0		84.7	50-200			



### **QC Summary Data**

Souder Miller Associates - Carlsbad 201 S Halagueno St.		Project Name: Project Number:		Enterprise Poke 97057-0001	r Lake				Reported:	
Carlsbad NM, 88220		Project Manager:	. A	Ashley Maxwel	1				7/28/2022 4:35:181	PM
		Anions	by EPA	300.0/9056	<b>A</b>				Analyst: RAS	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2231042-BLK1)							Prepared: 0	7/27/22	Analyzed: 07/27/22	
Chloride	ND	20.0								
LCS (2231042-BS1)							Prepared: 0	7/27/22	Analyzed: 07/27/22	
Chloride	246	20.0	250		98.5	90-110				
Matrix Spike (2231042-MS1)				Source:	E207168-0	)1	Prepared: 0	7/27/22	Analyzed: 07/27/22	
Chloride	355	20.0	250	90.9	106	80-120				
Matrix Spike Dup (2231042-MSD1)				Source:	E207168-0	)1	Prepared: 0	7/27/22	Analyzed: 07/27/22	
Chloride	336	20.0	250	90.9	98.0	80-120	5.58	20		

#### QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



### **Definitions and Notes**

Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	07/28/22 16:35

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



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Additio	nai Instru	ctions:	Email	to Sarahi	nay.	Schl	er & 5oudr 1	miller.com	n + H	leavi	w.	Wa	oels (	@ Se	oud	ring thermal p	ler.	Co	pr.	on we the	e day they ar	sampled =
, (fæ'd sam)	oler), attest to t	the validity an	authenticity (	of this sample. I am a	rware that	tampering	with or intentionally misla	sbelling the sample !	ocation, date or	r				C & C & C & C & C & C & C & C & C & C &	ses reduc	ring thermary ed in ice at an	avg temp	above 3	but less tha	i Con	subsequent	days
				nds for lega: action. S	ampiec by	y:	Received by: (Signato	mor)	Date		Тіл	=		$\top$				Lab	Use O	nly		
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Note: San	nples are disc	arded 30 da	/s aπer resuit ha laboraton	s are reported unit	he liabili	ty of the k	borstory is limited to the	he amount paid fo	or on the repo	ort												
jon'y to th	iose sampies	: Grainen n.	100010101	,																		

Received by OCD: 12/14/2022 10:20:32 AM

envirotech

Received by OCD: 12/14/2022 10:20:32 AM

envirotech Inc.

Printed: 7/25/2022 4:03:43PM

### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Souder Miller Associates - Carlsbad	Date Received:	07/25/22	10:20	Work Order ID:	E207170
Phone:	(505) 325-7535	Date Logged In:	07/25/22	11:19	Logged In By:	Caitlin Christian
Email:	ashley.maxwell@soudermiller.com	Due Date:	07/28/22	17:00 (3 day TAT)		
<i>-</i>						
	f Custody (COC)					
	the sample ID match the COC?	tab the COC	Yes			
	the number of samples per sampling site location ma	ich the COC	Yes			
	samples dropped off by client or carrier?	-4- 41 O	Yes	Carrier: <u>UPS</u>		
	ne COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes			
5. Were	all samples received within holding time?  Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		Yes		<u>Comment</u>	s/Resolution
Sample '	<u> Turn Around Time (TAT)</u>					
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample	<u>Cooler</u>					
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes	s, were custody/security seals intact?		NA			
	he sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes			
Sample	<u>Container</u>					
	aqueous VOC samples present?		No			
15. Are	VOC samples collected in VOA Vials?		NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers	?	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field La	•					
•	e field sample labels filled out with the minimum info	ormation:				
	Sample ID?		Yes			
	Date/Time Collected?		Yes			
	Collectors name?		No			
	<u>Preservation</u>					
	the COC or field labels indicate the samples were pr	reserved?	No			
	sample(s) correctly preserved?		NA			
24. Is lat	o filteration required and/or requested for dissolved n	netals?	No			
	ase Sample Matrix					
	the sample have more than one phase, i.e., multipha		No			
27. If ye	s, does the COC specify which phase(s) is to be analy	yzed?	NA			
Subcont	ract Laboratory					
	samples required to get sent to a subcontract laborato	ry?	No			
	a subcontract laboratory specified by the client and it	•	NA	Subcontract Lab: na		
Client I	nstruction					
<u>Chent i</u>	nstruction .					
						_

Date

Signature of client authorizing changes to the COC or sample disposition.

Report to:
Ashley Maxwell







5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





# envirotech

Practical Solutions for a Better Tomorrow

# **Analytical Report**

Souder Miller Associates - Carlsbad

Project Name: Enterprise Poker Lake

Work Order: E207172

Job Number: 97057-0001

Received: 7/25/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/1/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 8/1/22

Ashley Maxwell 201 S Halagueno St. Carlsbad, NM 88220

Project Name: Enterprise Poker Lake

Workorder: E207172

Date Received: 7/25/2022 3:54:00PM

Ashley Maxwell,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/25/2022 3:54:00PM, under the Project Name: Enterprise Poker Lake.

The analytical test results summarized in this report with the Project Name: Enterprise Poker Lake apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

**Alexa Michaels** 

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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### **Sample Summary**

Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	Donoutoda
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	08/01/22 16:39

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH03 @ 5-6.5	E207172-01A	Soil	07/20/22	07/25/22	Glass Jar, 4 oz.
BH03 @ 15-16.5	E207172-02A	Soil	07/20/22	07/25/22	Glass Jar, 4 oz.
BHO3 @ 20 - 21.5	E207172-03A	Soil	07/20/22	07/25/22	Glass Jar, 4 oz.
B03 @ 40 - 41.5	E207172-04A	Soil	07/20/22	07/25/22	Glass Jar, 4 oz.
ВН03 @ 50 - 52	E207172-05A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
BH04 @ 5 - 6.5	E207172-06A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
BHO4 @ 15 - 16.5	E207172-07A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
BH04 @ 20 -21.5	E207172-08A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
BH04 @ 25 - 26.5	E207172-09A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
ВНО4 @ 30 - 31.5	E207172-10A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
ВН01 @ 15 - 17	E207172-11A	Soil	07/20/22	07/25/22	Glass Jar, 4 oz.
BH01 @ 20 - 21.5	E207172-12A	Soil	07/20/22	07/25/22	Glass Jar, 4 oz.
BH01 @ 22 -24	E207172-13A	Soil	07/20/22	07/25/22	Glass Jar, 4 oz.
BH01 @ 27 - 28	E207172-14A	Soil	07/20/22	07/25/22	Glass Jar, 4 oz.
BH01 @ 32 - 32.5	E207172-15A	Soil	07/20/22	07/25/22	Glass Jar, 4 oz.
ВН01 @ 37 -39	E207172-16A	Soil	07/20/22	07/25/22	Glass Jar, 4 oz.
BH01 @ 40 - 41.5	E207172-17A	Soil	07/20/22	07/25/22	Glass Jar, 4 oz.
BH01 @ 52.5 - 54	E207172-18A	Soil	07/20/22	07/25/22	Glass Jar, 4 oz.
BH02 @ 15 - 16.5	E207172-19A	Soil	07/20/22	07/25/22	Glass Jar, 4 oz.
BH02 @ 35 - 36.5	E207172-20A	Soil	07/20/22	07/25/22	Glass Jar, 4 oz.
ВН04 @ 35 - 36.5	E207172-21A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
BH04 @ 40 - 41.5	E207172-22A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
BH05 @ 5 - 6.5	E207172-23A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
ВН05 @ 10 - 11.5	E207172-24A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
ВН05 @ 15 - 16.5	E207172-25A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
ВН05 @ 22-23.5	E207172-26A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
ВН05 @ 30 -31.5	E207172-27A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
ВН05 @ 35 - 36.5	E207172-28A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
BH05 @ 42 - 43.5	E207172-29A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	8/1/2022 4:39:24PM

### BH03 @ 5-6.5 E207172-01

Notes Batch: 2231044
Batch: 2231044
Batch: 2231044
Batch: 2231066
Batch: 2231075



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	8/1/2022 4:39:24PM

### BH03 @ 15-16.5

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2231044
Benzene	ND	0.0250	1	07/27/22	07/30/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/30/22	
Toluene	ND	0.0250	1	07/27/22	07/30/22	
o-Xylene	ND	0.0250	1	07/27/22	07/30/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/30/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/30/22	
Surrogate: 4-Bromochlorobenzene-PID		109 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: IY		Batch: 2231044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/30/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2231066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		79.2 %	50-200	07/28/22	07/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2231075
Chloride	ND	20.0	1	07/28/22	07/29/22	_



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	8/1/2022 4:39:24PM

### BHO3 @ 20 - 21.5

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2231044
Benzene	ND	0.0250	1	07/27/22	07/30/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/30/22	
Toluene	ND	0.0250	1	07/27/22	07/30/22	
o-Xylene	ND	0.0250	1	07/27/22	07/30/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/30/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/30/22	
Surrogate: 4-Bromochlorobenzene-PID		109 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2231044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/30/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2231066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		90.5 %	50-200	07/28/22	07/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2231075
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Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	8/1/2022 4:39:24PM

#### B03 @ 40 - 41.5

E207172-04						
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2231044
Benzene	ND	0.0250	1	07/27/22	07/30/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/30/22	
Toluene	ND	0.0250	1	07/27/22	07/30/22	
o-Xylene	ND	0.0250	1	07/27/22	07/30/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/30/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/30/22	
Surrogate: 4-Bromochlorobenzene-PID		109 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2231044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/30/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2231066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		84.5 %	50-200	07/28/22	07/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2231075
Chloride	113	20.0	1	07/28/22	07/29/22	



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	8/1/2022 4:39:24PM

### BH03 @ 50 - 52

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2231044
Benzene	ND	0.0250	1	07/27/22	07/30/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/30/22	
Toluene	ND	0.0250	1	07/27/22	07/30/22	
o-Xylene	ND	0.0250	1	07/27/22	07/30/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/30/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/30/22	
Surrogate: 4-Bromochlorobenzene-PID		109 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2231044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/30/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		111 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2231066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		80.1 %	50-200	07/28/22	07/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2231075
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Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	8/1/2022 4:39:24PM

#### BH04 @ 5 - 6.5

E207172-06						
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		lyst: IY		Batch: 2231044
Benzene	ND	0.0250	1	07/27/22	07/30/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/30/22	
Toluene	ND	0.0250	1	07/27/22	07/30/22	
o-Xylene	ND	0.0250	1	07/27/22	07/30/22	
o,m-Xylene	ND	0.0500	1	07/27/22	07/30/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/30/22	
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2231044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/30/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2231066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		77.1 %	50-200	07/28/22	07/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2231075
Chloride	ND	20.0	1	07/28/22	07/29/22	



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	8/1/2022 4:39:24PM

### BHO4 @ 15 - 16.5

E20		

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2231044
Benzene	ND	0.0250	1	07/27/22	07/30/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/30/22	
Toluene	ND	0.0250	1	07/27/22	07/30/22	
o-Xylene	ND	0.0250	1	07/27/22	07/30/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/30/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/30/22	
Surrogate: 4-Bromochlorobenzene-PID		109 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2231044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/30/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		112 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2231066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		73.9 %	50-200	07/28/22	07/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2231075
· · · · · · · · · · · · · · · · · · ·	87.2	20.0		07/28/22	07/29/22	<u> </u>



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	8/1/2022 4:39:24PM

### BH04 @ 20 -21.5

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	lyst: IY		Batch: 2231044
ND	0.0250	1	07/27/22	07/30/22	
ND	0.0250	1	07/27/22	07/30/22	
ND	0.0250	1	07/27/22	07/30/22	
ND	0.0250	1	07/27/22	07/30/22	
ND	0.0500	1	07/27/22	07/30/22	
ND	0.0250	1	07/27/22	07/30/22	
	110 %	70-130	07/27/22	07/30/22	
mg/kg	mg/kg	Anal	lyst: IY		Batch: 2231044
ND	20.0	1	07/27/22	07/30/22	
	111 %	70-130	07/27/22	07/30/22	
mg/kg	mg/kg	Anal	lyst: JL		Batch: 2231066
ND	25.0	1	07/28/22	07/29/22	
ND	50.0	1	07/28/22	07/29/22	
	69.8 %	50-200	07/28/22	07/29/22	
mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2231075
	mg/kg  ND	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           II0 %         mg/kg           MD         20.0           II1 %         mg/kg           ND         25.0           ND         50.0	Result         Limit         Dilution           mg/kg         mg/kg         Anai           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MD         70-130           mg/kg         mg/kg         Anai           ND         20.0         1           mg/kg         mg/kg         Anai           ND         25.0         1           ND         50.0         1	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         07/27/22           ND         0.0250         1         07/27/22           ND         0.0250         1         07/27/22           ND         0.0250         1         07/27/22           ND         0.0500         1         07/27/22           ND         0.0250         1         07/27/22           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         07/27/22           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         07/28/22           ND         50.0         1         07/28/22	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         07/27/22         07/30/22           ND         0.0250         1         07/27/22         07/30/22           ND         0.0250         1         07/27/22         07/30/22           ND         0.0500         1         07/27/22         07/30/22           ND         0.0250         1         07/27/22         07/30/22           ND         0.0250         1         07/27/22         07/30/22           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         07/27/22         07/30/22           mg/kg         mg/kg         Analyst: IY         07/27/22         07/30/22           mg/kg         mg/kg         Analyst: JL         07/27/22         07/30/22           ND         25.0         1         07/28/22         07/29/22           ND         50.0         1         07/28/22         07/29/22



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	8/1/2022 4:39:24PM

### BH04 @ 25 - 26.5

		D				
Analyte	Result	Reporting Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2231044
Benzene	ND	0.0250	1	07/27/22	07/30/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/30/22	
Toluene	ND	0.0250	1	07/27/22	07/30/22	
o-Xylene	ND	0.0250	1	07/27/22	07/30/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/30/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/30/22	
Surrogate: 4-Bromochlorobenzene-PID		111 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2231044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/30/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		111 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2231066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		89.0 %	50-200	07/28/22	07/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2231075
Chloride	30.0	20.0	1	07/28/22	07/29/22	



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	8/1/2022 4:39:24PM

### BHO4 @ 30 - 31.5

E20		

		ъ.				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2231044
Benzene	ND	0.0250	1	07/27/22	07/30/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/30/22	
Toluene	ND	0.0250	1	07/27/22	07/30/22	
o-Xylene	ND	0.0250	1	07/27/22	07/30/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/30/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/30/22	
Surrogate: 4-Bromochlorobenzene-PID		111 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2231044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/30/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		111 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: JL		Batch: 2231066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		65.5 %	50-200	07/28/22	07/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: RAS		Batch: 2231075



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	8/1/2022 4:39:24PM

### BH01 @ 15 - 17

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2231044
Benzene	ND	0.0250	1	07/27/22	07/30/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/30/22	
Toluene	ND	0.0250	1	07/27/22	07/30/22	
o-Xylene	ND	0.0250	1	07/27/22	07/30/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/30/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/30/22	
Surrogate: 4-Bromochlorobenzene-PID		111 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2231044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/30/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		113 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2231066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		72.7 %	50-200	07/28/22	07/29/22	
Aniona by EDA 200 0/0056 A	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2231075
Anions by EPA 300.0/9056A	- U					



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	8/1/2022 4:39:24PM

### BH01 @ 20 - 21.5

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2231044
Benzene	ND	0.0250	1	07/27/22	07/30/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/30/22	
Toluene	ND	0.0250	1	07/27/22	07/30/22	
o-Xylene	ND	0.0250	1	07/27/22	07/30/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/30/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/30/22	
Surrogate: 4-Bromochlorobenzene-PID		112 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2231044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/30/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		117 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2231066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		79.4 %	50-200	07/28/22	07/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2231075
Chloride	22.9	20.0	1	07/28/22	07/29/22	



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	8/1/2022 4:39:24PM

#### BH01 @ 22 -24

		E207172-13				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2231044
Benzene	ND	0.0250	1	07/27/22	07/30/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/30/22	
Toluene	ND	0.0250	1	07/27/22	07/30/22	
o-Xylene	ND	0.0250	1	07/27/22	07/30/22	
o,m-Xylene	ND	0.0500	1	07/27/22	07/30/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/30/22	
Surrogate: 4-Bromochlorobenzene-PID		111 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2231044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/30/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		120 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2231066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/30/22	
Surrogate: n-Nonane		76.9 %	50-200	07/28/22	07/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2231075
Chloride	73.7	20.0	1	07/28/22	07/29/22	



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	8/1/2022 4:39:24PM

### BH01 @ 27 - 28

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	alyst: IY		Batch: 2231044
Benzene	ND	0.0250	1	07/27/22	07/30/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/30/22	
Toluene	ND	0.0250	1	07/27/22	07/30/22	
o-Xylene	ND	0.0250	1	07/27/22	07/30/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/30/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/30/22	
Surrogate: 4-Bromochlorobenzene-PID		110 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	alyst: IY		Batch: 2231044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/30/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		121 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	alyst: JL		Batch: 2231066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/30/22	
Surrogate: n-Nonane		78.6 %	50-200	07/28/22	07/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: RAS		Batch: 2231075
Chloride	146	20.0	1	07/28/22	07/29/22	



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	8/1/2022 4:39:24PM

### BH01 @ 32 - 32.5

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2231044
Benzene	ND	0.0250	1	07/27/22	07/30/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/30/22	
Toluene	ND	0.0250	1	07/27/22	07/30/22	
o-Xylene	ND	0.0250	1	07/27/22	07/30/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/30/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/30/22	
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2231044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/30/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		122 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2231066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/30/22	
Surrogate: n-Nonane		74.1 %	50-200	07/28/22	07/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2231075



Surrogate: n-Nonane

Chloride

Anions by EPA 300.0/9056A

### **Sample Data**

Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	8/1/2022 4:39:24PM

BH01 @ 37 -39

		E207172-16				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2231044
Benzene	ND	0.0250	1	07/27/22	07/30/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/30/22	
Toluene	ND	0.0250	1	07/27/22	07/30/22	
o-Xylene	ND	0.0250	1	07/27/22	07/30/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/30/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/30/22	
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2231044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/30/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		123 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2231066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/30/22	

81.5 %

20.0

mg/kg

245

50-200

07/28/22

07/28/22

Analyst: RAS

1

07/30/22

07/29/22

Batch: 2231075



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	8/1/2022 4:39:24PM

### BH01 @ 40 - 41.5

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2231044
Benzene	ND	0.0250	1	07/27/22	07/30/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/30/22	
Toluene	ND	0.0250	1	07/27/22	07/30/22	
o-Xylene	ND	0.0250	1	07/27/22	07/30/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/30/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/30/22	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2231044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/30/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		126 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2231066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/30/22	
Surrogate: n-Nonane		72.5 %	50-200	07/28/22	07/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2231075
				07/28/22	07/29/22	



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	8/1/2022 4:39:24PM

### BH01 @ 52.5 - 54

		Domontino				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY	<u> </u>	Batch: 2231044
Benzene	ND	0.0250	1	07/27/22	07/30/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/30/22	
Toluene	ND	0.0250	1	07/27/22	07/30/22	
o-Xylene	ND	0.0250	1	07/27/22	07/30/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/30/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/30/22	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2231044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/30/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		125 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2231066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/30/22	
Surrogate: n-Nonane		72.0 %	50-200	07/28/22	07/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2231075
Chloride	62.6	20.0	1	07/28/22	07/29/22	



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	8/1/2022 4:39:24PM

### BH02 @ 15 - 16.5

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2231044
Benzene	ND	0.0250	1	07/27/22	07/30/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/30/22	
Toluene	ND	0.0250	1	07/27/22	07/30/22	
o-Xylene	ND	0.0250	1	07/27/22	07/30/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/30/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/30/22	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2231044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/30/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		124 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: JL		Batch: 2231066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/30/22	
Surrogate: n-Nonane		71.4 %	50-200	07/28/22	07/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2231075
Chloride	ND	20.0	1	07/28/22	07/29/22	•



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	8/1/2022 4:39:24PM

### ВН02 @ 35 - 36.5

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2231044
Benzene	ND	0.0250	1	07/27/22	07/30/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/30/22	
Toluene	ND	0.0250	1	07/27/22	07/30/22	
o-Xylene	ND	0.0250	1	07/27/22	07/30/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/30/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/30/22	
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: IY		Batch: 2231044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/30/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		123 %	70-130	07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2231066
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/30/22	
Surrogate: n-Nonane		75.7 %	50-200	07/28/22	07/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2231075
Chloride	256	20.0	1	07/28/22	07/30/22	



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	8/1/2022 4:39:24PM

### BH04 @ 35 - 36.5

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2231048
Benzene	ND	0.0250		1	07/27/22	07/30/22	
Ethylbenzene	ND	0.0250		1	07/27/22	07/30/22	
Toluene	ND	0.0250		1	07/27/22	07/30/22	
o-Xylene	ND	0.0250		1	07/27/22	07/30/22	
p,m-Xylene	ND	0.0500		1	07/27/22	07/30/22	
Total Xylenes	ND	0.0250		1	07/27/22	07/30/22	
Surrogate: Bromofluorobenzene		99.4 %	70-130		07/27/22	07/30/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		07/27/22	07/30/22	
Surrogate: Toluene-d8		105 %	70-130		07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2231048
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/27/22	07/30/22	
Surrogate: Bromofluorobenzene		99.4 %	70-130		07/27/22	07/30/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		07/27/22	07/30/22	
Surrogate: Toluene-d8		105 %	70-130		07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2231065
Diesel Range Organics (C10-C28)	ND	25.0		1	07/28/22	07/30/22	
Oil Range Organics (C28-C36)	ND	50.0		1	07/28/22	07/30/22	
Surrogate: n-Nonane		104 %	50-200		07/28/22	07/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: RAS		Batch: 2231071
Chloride	236	20.0		1	07/28/22	07/29/22	



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	8/1/2022 4:39:24PM

### BH04 @ 40 - 41.5

		E207172-22					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2231048
Benzene	ND	0.0250	1	1	07/27/22	07/30/22	
Ethylbenzene	ND	0.0250	1	1	07/27/22	07/30/22	
Toluene	ND	0.0250	1	1	07/27/22	07/30/22	
o-Xylene	ND	0.0250	1	1	07/27/22	07/30/22	
p,m-Xylene	ND	0.0500	1	1	07/27/22	07/30/22	
Total Xylenes	ND	0.0250	1	1	07/27/22	07/30/22	
Surrogate: Bromofluorobenzene		99.2 %	70-130		07/27/22	07/30/22	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		07/27/22	07/30/22	
Surrogate: Toluene-d8		105 %	70-130		07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2231048
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	07/27/22	07/30/22	
Surrogate: Bromofluorobenzene		99.2 %	70-130		07/27/22	07/30/22	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		07/27/22	07/30/22	
Surrogate: Toluene-d8		105 %	70-130		07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2231065
Diesel Range Organics (C10-C28)	ND	25.0	1	1	07/28/22	07/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	07/28/22	07/30/22	
Surrogate: n-Nonane	·	107 %	50-200		07/28/22	07/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2231071
Chloride	139	20.0	1	1	07/28/22	07/29/22	



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	8/1/2022 4:39:24PM

BH05 @ 5 - 6.5

E207172-23										
		Reporting								
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes			
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2231048			
Benzene	ND	0.0250		1	07/27/22	07/30/22				
Ethylbenzene	ND	0.0250		1	07/27/22	07/30/22				
Toluene	ND	0.0250		1	07/27/22	07/30/22				
o-Xylene	ND	0.0250		1	07/27/22	07/30/22				
p,m-Xylene	ND	0.0500		1	07/27/22	07/30/22				
Total Xylenes	ND	0.0250		1	07/27/22	07/30/22				
Surrogate: Bromofluorobenzene		96.4 %	70-130		07/27/22	07/30/22				
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130		07/27/22	07/30/22				
Surrogate: Toluene-d8		104 %	70-130		07/27/22	07/30/22				
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2231048			
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/27/22	07/30/22				
Surrogate: Bromofluorobenzene		96.4 %	70-130		07/27/22	07/30/22				
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130		07/27/22	07/30/22				
Surrogate: Toluene-d8		104 %	70-130		07/27/22	07/30/22				
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2231065			
Diesel Range Organics (C10-C28)	ND	25.0		1	07/28/22	07/30/22				
Oil Range Organics (C28-C36)	ND	50.0		1	07/28/22	07/30/22				
Surrogate: n-Nonane		82.2 %	50-200		07/28/22	07/30/22				
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2231071			

20.0

07/28/22

07/29/22

ND



Chloride

Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	8/1/2022 4:39:24PM

### ВН05 @ 10 - 11.5

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg			Analyst	: IY		Batch: 2231048
Benzene	ND	0.0250		1	07/27/22	07/30/22	
Ethylbenzene	ND	0.0250		1	07/27/22	07/30/22	
Toluene	ND	0.0250		1	07/27/22	07/30/22	
o-Xylene	ND	0.0250		1	07/27/22	07/30/22	
p,m-Xylene	ND	0.0500		1	07/27/22	07/30/22	
Total Xylenes	ND	0.0250		1	07/27/22	07/30/22	
Surrogate: Bromofluorobenzene		99.6 %	70-130		07/27/22	07/30/22	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		07/27/22	07/30/22	
Surrogate: Toluene-d8		106 %	70-130		07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2231048
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/27/22	07/30/22	
Surrogate: Bromofluorobenzene		99.6 %	70-130		07/27/22	07/30/22	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		07/27/22	07/30/22	
Surrogate: Toluene-d8		106 %	70-130		07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2231065
Diesel Range Organics (C10-C28)	ND	25.0		1	07/28/22	07/30/22	
Oil Range Organics (C28-C36)	ND	50.0		1	07/28/22	07/30/22	
Surrogate: n-Nonane		101 %	50-200		07/28/22	07/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: RAS		Batch: 2231071
Chloride	25,3	20.0		1	07/28/22	07/29/22	

Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	8/1/2022 4:39:24PM

### BH05 @ 15 - 16.5

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY			Batch: 2231048
Benzene	ND	0.0250	1		07/27/22	07/30/22	
Ethylbenzene	ND	0.0250	1		07/27/22	07/30/22	
Toluene	ND	0.0250	1		07/27/22	07/30/22	
o-Xylene	ND	0.0250	1		07/27/22	07/30/22	
p,m-Xylene	ND	0.0500	1		07/27/22	07/30/22	
Total Xylenes	ND	0.0250	1		07/27/22	07/30/22	
Surrogate: Bromofluorobenzene		99.7 %	70-130		07/27/22	07/30/22	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130		07/27/22	07/30/22	
Surrogate: Toluene-d8		103 %	70-130		07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY	?		Batch: 2231048
Gasoline Range Organics (C6-C10)	ND	20.0	1		07/27/22	07/30/22	
Surrogate: Bromofluorobenzene		99.7 %	70-130		07/27/22	07/30/22	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130		07/27/22	07/30/22	
Surrogate: Toluene-d8		103 %	70-130		07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL			Batch: 2231065
Diesel Range Organics (C10-C28)	ND	25.0	1		07/28/22	07/30/22	_
Oil Range Organics (C28-C36)	ND	50.0	1		07/28/22	07/30/22	
Surrogate: n-Nonane		105 %	50-200		07/28/22	07/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: R.	AS		Batch: 2231071



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	8/1/2022 4:39:24PM

### BH05 @ 22-23.5

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2231048
Benzene	ND	0.0250	1		07/27/22	07/30/22	
Ethylbenzene	ND	0.0250	1		07/27/22	07/30/22	
Toluene	ND	0.0250	1		07/27/22	07/30/22	
o-Xylene	ND	0.0250	1		07/27/22	07/30/22	
p,m-Xylene	ND	0.0500	1		07/27/22	07/30/22	
Total Xylenes	ND	0.0250	1		07/27/22	07/30/22	
Surrogate: Bromofluorobenzene		95.4 %	70-130		07/27/22	07/30/22	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		07/27/22	07/30/22	
Surrogate: Toluene-d8		102 %	70-130		07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2231048
Gasoline Range Organics (C6-C10)	ND	20.0	1		07/27/22	07/30/22	
Surrogate: Bromofluorobenzene		95.4 %	70-130		07/27/22	07/30/22	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		07/27/22	07/30/22	
Surrogate: Toluene-d8		102 %	70-130		07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	Analyst: JL			Batch: 2231065	
Diesel Range Organics (C10-C28)	ND	25.0	1		07/28/22	07/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1		07/28/22	07/30/22	
Surrogate: n-Nonane		95.4 %	50-200		07/28/22	07/30/22	
Anions by EPA 300.0/9056A		mg/kg		Analyst:	RAS		Batch: 2231071
		·			07/28/22	07/29/22	



# **Sample Data**

Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	8/1/2022 4:39:24PM

## BH05 @ 30 -31.5

#### E207172-27

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: I	Y		Batch: 2231048
Benzene	ND	0.0250	1		07/27/22	07/30/22	
Ethylbenzene	ND	0.0250	1		07/27/22	07/30/22	
Toluene	ND	0.0250	1		07/27/22	07/30/22	
o-Xylene	ND	0.0250	1		07/27/22	07/30/22	
p,m-Xylene	ND	0.0500	1		07/27/22	07/30/22	
Total Xylenes	ND	0.0250	1		07/27/22	07/30/22	
Surrogate: Bromofluorobenzene		99.5 %	70-130		07/27/22	07/30/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		07/27/22	07/30/22	
Surrogate: Toluene-d8		104 %	70-130		07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: I	Y		Batch: 2231048
Gasoline Range Organics (C6-C10)	ND	20.0	1		07/27/22	07/30/22	
Surrogate: Bromofluorobenzene		99.5 %	70-130		07/27/22	07/30/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		07/27/22	07/30/22	
Surrogate: Toluene-d8		104 %	70-130		07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: J	īL		Batch: 2231065
Diesel Range Organics (C10-C28)	ND	25.0	1	•	07/28/22	07/30/22	_
Oil Range Organics (C28-C36)	ND	50.0	1		07/28/22	07/30/22	
Surrogate: n-Nonane		110 %	50-200		07/28/22	07/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: I	RAS		Batch: 2231071
		20.0	•		07/28/22	07/29/22	



# **Sample Data**

Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	8/1/2022 4:39:24PM

## ВН05 @ 35 - 36.5

## E207172-28

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2231048
Benzene	ND	0.0250		1	07/27/22	07/30/22	
Ethylbenzene	ND	0.0250		1	07/27/22	07/30/22	
Toluene	ND	0.0250		1	07/27/22	07/30/22	
o-Xylene	ND	0.0250		1	07/27/22	07/30/22	
p,m-Xylene	ND	0.0500		1	07/27/22	07/30/22	
Total Xylenes	ND	0.0250		1	07/27/22	07/30/22	
Surrogate: Bromofluorobenzene		97.7 %	70-130		07/27/22	07/30/22	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130		07/27/22	07/30/22	
Surrogate: Toluene-d8		104 %	70-130		07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2231048
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/27/22	07/30/22	
Surrogate: Bromofluorobenzene		97.7 %	70-130		07/27/22	07/30/22	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130		07/27/22	07/30/22	
Surrogate: Toluene-d8		104 %	70-130		07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: Л		Batch: 2231065
Diesel Range Organics (C10-C28)	ND	25.0		1	07/28/22	07/30/22	
Oil Range Organics (C28-C36)	ND	50.0		1	07/28/22	07/30/22	
Surrogate: n-Nonane		110 %	50-200		07/28/22	07/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: RAS		Batch: 2231071
Chloride	208	20.0		1	07/28/22	07/29/22	



# **Sample Data**

Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	8/1/2022 4:39:24PM

## BH05 @ 42 - 43.5

		E207172-29					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2231048
Benzene	ND	0.0250	1	1	07/27/22	07/30/22	
Ethylbenzene	ND	0.0250	1	1	07/27/22	07/30/22	
Toluene	ND	0.0250	1	1	07/27/22	07/30/22	
o-Xylene	ND	0.0250	1	1	07/27/22	07/30/22	
p,m-Xylene	ND	0.0500	1	1	07/27/22	07/30/22	
Total Xylenes	ND	0.0250	1	1	07/27/22	07/30/22	
Surrogate: Bromofluorobenzene		99.3 %	70-130		07/27/22	07/30/22	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		07/27/22	07/30/22	
Surrogate: Toluene-d8		105 %	70-130		07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2231048
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	07/27/22	07/30/22	
Surrogate: Bromofluorobenzene		99.3 %	70-130		07/27/22	07/30/22	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		07/27/22	07/30/22	
Surrogate: Toluene-d8		105 %	70-130		07/27/22	07/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2231065
Diesel Range Organics (C10-C28)	ND	25.0	1	1	07/28/22	07/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	07/28/22	07/30/22	
Surrogate: n-Nonane		111 %	50-200		07/28/22	07/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2231071
Chloride	142	20.0	1	1	07/28/22	07/29/22	



Souder Miller Associates - CarlsbadProject Name:Enterprise Poker LakeReported:201 S Halagueno St.Project Number:97057-0001Carlsbad NM, 88220Project Manager:Ashley Maxwell8/1/2022 4:39:24PM

Carlsbad NM, 88220		Project Manage	r: As	shley Maxwel	1			8/	/1/2022 4:39:24PM
	Vo	olatile Organ	ic Compo	unds by EI	PA 8260	В			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2231048-BLK1)							Prepared: 0	7/27/22 Ana	lyzed: 07/30/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.493		0.500		98.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.8	70-130			
Surrogate: Toluene-d8	0.524		0.500		105	70-130			
LCS (2231048-BS1)							Prepared: 0	7/27/22 Ana	lyzed: 07/30/22
Benzene	2.71	0.0250	2.50		108	70-130			
Ethylbenzene	2.81	0.0250	2.50		113	70-130			
Toluene	2.73	0.0250	2.50		109	70-130			
o-Xylene	2.64	0.0250	2.50		106	70-130			
o,m-Xylene	5.24	0.0500	5.00		105	70-130			
Total Xylenes	7.88	0.0250	7.50		105	70-130			
Surrogate: Bromofluorobenzene	0.498		0.500		99.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			
LCS Dup (2231048-BSD1)							Prepared: 0	7/27/22 Ana	lyzed: 07/30/22
Benzene	2.69	0.0250	2.50		108	70-130	0.704	23	
Ethylbenzene	2.75	0.0250	2.50		110	70-130	2.45	27	
Toluene	2.64	0.0250	2.50		106	70-130	3.44	24	
o-Xylene	2.60	0.0250	2.50		104	70-130	1.74	27	
p,m-Xylene	5.11	0.0500	5.00		102	70-130	2.62	27	
Total Xylenes	7.70	0.0250	7.50		103	70-130	2.32	27	
Surrogate: Bromofluorobenzene	0.509		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130			
-									

0.500

0.512

102

70-130



Surrogate: Toluene-d8

Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	Reported:
201 S Halagueno St.	Project Number:	97057-0001	Reported.
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	8/1/2022 4:39:24PM

Carlsbad NM, 88220		Project Manager:		shley Maxwell					8/1/2022 4:39:24PM
		Volatile O	rganics b	y EPA 802	1B		Analyst: IY		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2231044-BLK1)							Prepared: 0	7/27/22	Analyzed: 07/29/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.99		8.00		112	70-130			
LCS (2231044-BS1)							Prepared: 0	7/27/22	Analyzed: 08/01/22
Benzene	4.37	0.0250	5.00		87.4	70-130			
Ethylbenzene	4.34	0.0250	5.00		86.8	70-130			
Toluene	4.42	0.0250	5.00		88.4	70-130			
o-Xylene	4.46	0.0250	5.00		89.2	70-130			
o,m-Xylene	8.83	0.0500	10.0		88.3	70-130			
Total Xylenes	13.3	0.0250	15.0		88.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.70		8.00		109	70-130			
LCS Dup (2231044-BSD1)							Prepared: 0	7/27/22	Analyzed: 08/01/22
Benzene	4.33	0.0250	5.00		86.6	70-130	0.964	20	
Ethylbenzene	4.31	0.0250	5.00		86.3	70-130	0.558	20	
Foluene	4.41	0.0250	5.00		88.1	70-130	0.310	20	
o-Xylene	4.44	0.0250	5.00		88.7	70-130	0.482	20	
o,m-Xylene	8.78	0.0500	10.0		87.8	70-130	0.656	20	
Total Xylenes	13.2	0.0250	15.0		88.1	70-130	0.598	20	



Souder Miller Associates - CarlsbadProject Name:Enterprise Poker LakeReported:201 S Halagueno St.Project Number:97057-0001Carlsbad NM, 88220Project Manager:Ashley Maxwell8/1/2022 4:39:24PM

Nonhalogenated	Organics by	<sup>,</sup> EPA 8015D	- GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

Blank (2231044-BLK1)						Prepared: 0'	7/27/22	Analyzed: 07/29/22
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.00		8.00	113	70-130			
LCS (2231044-BS2)						Prepared: 0'	7/27/22	Analyzed: 08/01/22
Gasoline Range Organics (C6-C10)	55.1	20.0	50.0	110	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.49		8.00	119	70-130			
LCS Dup (2231044-BSD2)						Prepared: 0'	7/27/22	Analyzed: 08/01/22
Gasoline Range Organics (C6-C10)	57.9	20.0	50.0	116	70-130	5.06	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.70		8.00	121	70-130			



Souder Miller Associates - CarlsbadProject Name:Enterprise Poker LakeReported:201 S Halagueno St.Project Number:97057-0001Carlsbad NM, 88220Project Manager:Ashley Maxwell8/1/2022 4:39:24PM

Nonhalogenated	<b>Organics</b>	by EPA	8015D -	GRO

Ana	

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

Blank (2231048-BLK1)						Prepared: 07	1/27/22 Analyzed	1: 07/30/22
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: Bromofluorobenzene	0.493		0.500	98.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500	98.8	70-130			
Surrogate: Toluene-d8	0.524		0.500	105	70-130			
LCS (2231048-BS2)						Prepared: 07	1/27/22 Analyzed	1: 07/30/22
Gasoline Range Organics (C6-C10)	52.7	20.0	50.0	105	70-130			
Surrogate: Bromofluorobenzene	0.492		0.500	98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.516		0.500	103	70-130			
Surrogate: Toluene-d8	0.529		0.500	106	70-130			
LCS Dup (2231048-BSD2)						Prepared: 07	1/27/22 Analyzed	1: 07/30/22
Gasoline Range Organics (C6-C10)	57.2	20.0	50.0	114	70-130	8.06	20	
Surrogate: Bromofluorobenzene	0.497		0.500	99.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500	99.9	70-130			
Surrogate: Toluene-d8	0.527		0.500	105	70-130			



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	Reported:
201 S Halagueno St.	Project Number:	97057-0001	-
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	8/1/2022 4:39:24PM

Carlsbad NM, 88220		Project Manage	r: As	hley Maxwel	11				8/1/2022 4:39:24PM
	Nonhal	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2231065-BLK1)							Prepared: 0	7/28/22 Ar	nalyzed: 07/29/22
riesel Range Organics (C10-C28)	ND	25.0							
ril Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	54.2		50.0		108	50-200			
.CS (2231065-BS1)							Prepared: 0	7/28/22 Ar	alyzed: 07/29/22
riesel Range Organics (C10-C28)	254	25.0	250		102	38-132			
urrogate: n-Nonane	45.6		50.0		91.3	50-200			
Aatrix Spike (2231065-MS1)				Source:	E207179-0	07	Prepared: 0	7/28/22 Ar	alyzed: 07/29/22
riesel Range Organics (C10-C28)	262	25.0	250	ND	105	38-132			
urrogate: n-Nonane	43.9		50.0		87.7	50-200			
Matrix Spike Dup (2231065-MSD1)				Source:	E207179-0	07	Prepared: 0	7/28/22 Ar	alyzed: 07/29/22
riesel Range Organics (C10-C28)	259	25.0	250	ND	104	38-132	1.13	20	
urrogate: n-Nonane	49.2		50.0		98.4	50-200			



Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	Reported:
201 S Halagueno St.	Project Number:	97057-0001	•
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	8/1/2022 4:39:24PM

Carlsbad NM, 88220		Project Manage	r: As	hley Maxwel	1				8/1/2022 4:39:24PM
	Nonhal	logenated Or	ganics by l	EPA 8015I	) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2231066-BLK1)							Prepared: 0	7/28/22 A	nalyzed: 07/29/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	40.5		50.0		81.0	50-200			
LCS (2231066-BS1)							Prepared: 0	7/28/22 A	nalyzed: 07/29/22
Diesel Range Organics (C10-C28)	215	25.0	250		86.1	38-132			
urrogate: n-Nonane	37.9		50.0		75.8	50-200			
Matrix Spike (2231066-MS1)				Source:	E207172-1	14	Prepared: 0	7/28/22 A	nalyzed: 07/29/22
Diesel Range Organics (C10-C28)	226	25.0	250	ND	90.3	38-132			
urrogate: n-Nonane	35.8		50.0		71.6	50-200			
Matrix Spike Dup (2231066-MSD1)				Source:	E207172-1	14	Prepared: 0	7/28/22 A	nalyzed: 07/29/22
Diesel Range Organics (C10-C28)	221	25.0	250	ND	88.3	38-132	2.23	20	
urrogate: n-Nonane	37.5		50.0		74.9	50-200			



Matrix Spike (2231071-MS1)

Chloride

Matrix Spike Dup (2231071-MSD1)

247

247

Prepared: 07/28/22 Analyzed: 07/28/22

Prepared: 07/28/22 Analyzed: 07/28/22

20

## **QC Summary Data**

Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	ç	Enterprise Poke 97057-0001 Ashley Maxwel					<b>Reported:</b> 8/1/2022 4:39:24PM
		Anions	by EPA	300.0/9056	1				Analyst: RAS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2231071-BLK1)							Prepared: 0	7/28/22 A	analyzed: 07/28/22
Chloride	ND	20.0							
LCS (2231071-BS1)							Prepared: 0	7/28/22 A	analyzed: 07/28/22
Chloride	246	20.0	250		98.3	90-110			

250

250

20.0

20.0

Source: E207167-01

Source: E207167-01

98.7

98.9

80-120

80-120

0.137

ND

ND

Souder Miller Associates - Carlsbad		Project Name:		Enterprise Poke	r Lake				Reported:
201 S Halagueno St. Carlsbad NM, 88220		Project Number: Project Manager:		97057-0001 Ashley Maxwel	1				8/1/2022 4:39:24PM
		Anions	by EPA	300.0/9056	<b>\</b>				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2231075-BLK1)							Prepared: 0	7/28/22	Analyzed: 07/29/22
Chloride	ND	20.0							
LCS (2231075-BS1)							Prepared: 0	7/28/22	Analyzed: 07/29/22
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2231075-MS1)				Source:	E207172-	01	Prepared: 0	7/28/22	Analyzed: 07/29/22
Chloride	269	20.0	250	ND	108	80-120			
Matrix Spike Dup (2231075-MSD1)				Source:	E207172-	01	Prepared: 0	7/28/22	Analyzed: 07/29/22
Chloride	271	20.0	250	ND	108	80-120	0.743	20	

#### QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



# **Definitions and Notes**

Souder Miller Associates - Carlsbad	Project Name:	Enterprise Poker Lake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	08/01/22 16:39

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



**Project Information** 

Chain of Custody

Page \_ / \_ of \_ 3

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-	
1	1446
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Client: 5	ouder.	Miller	: A550	ciajes			Report A	Attention			W. S. S.	La	b Us	e On	ly	e di kaca	News I	TAT		EF	A Progra	am
Project:	Entero	rise Po	xer Lo	ike		Report di	ue by:			Lab	WO#		_	1 dol	Numb	er		1D 3I	) F	RCRA	CWA	SDWA
Project N	/lanager: ↓	Ashley	Maxi	vell		Attention	1: Entopr	(Se		PE	20	7/7	a	970	57-	<u>000</u>						
	2015					Address:								Analy	sis an	d Me	thod				200	ate
City, Stat	e, Zip Ca	ulsbag	PNM	89220	)	City, Stat	e, Zip			315	8015						2				NM CO	UT AZ
	505) 3					Phone:				by 8015		21	0	0	300.0		0					
Email: A	shley.	Maxin	rell as	ouden	116000	Email:				ROŁ	RO E	, 8021	8260	6010	e 30		00					
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID					Lab Number	DRO/ORO	GRO/DRO by	втех by	VOC by	Metals	Chloride		18				Rer	narks
1349	7/20/22	S	1	Вно:	3@5	-6.5			1								A					
	7/20/22		1	Вно:	3@15	5-16.	5		2								Ø					
1404	7/20/22	S	I	BHD	302	0-21.	5		3								X)					
1453	7/20/22	5	-1	Вноз	304	0-41.	5		U								X					
0838	7/21/22	5	1	BHO:	3@5	0-52			5								X					7.5
0918	7/21/22	5	-1	BHO	105	-6.5			6								X					
0930	71 ,	5	ı	BHO	4015	5-16.5	5		7								X					
0939	7/21/22	S	-1	BHO	0401	20-2	1.5		8								X					
0946		S	1	Вно	4 @ z	5-26	,5		9								X					
0959	7/21/22	5	1	Вно	4@31	0 - 31.	5		10								X					
Addition	al Instruc	tions:		. //			20-1	,,	, 5.	.  -		<	ا ما د	006	200		1000	211.	, 0	040		
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		35		this sample. I ar s for legal action			or intentionally mislat		ation, date or					packed	in ice at a	g therma in avg ter	mp abov	e 0 but less	than 6 °C	on subseque	ent days.	mpied of received
11	ed by: (Signa		Date	25/22	Time 1557	Rece	ived by: (Signatur	(e)	Date 7/25	22	Time	5:5	34	Rece	eived	on ic	e:	(Y)	Use (	Only		
Relinquish	ed by: (Signa	ature)	Date		Time	Rece	ived by: (Signatur	re)	Date		Time			T1 AVG	Tem	p °C_	-4	12_		_	<u>T3</u>	
Sample Mat	rix: <b>S</b> - Soil, <b>S</b> c	d - Solid, Sg -	Sludge, A - A	queous, <b>0</b> - 0	ther				Containe	т Туре	: g - g	glass,	<b>p</b> - p		A STATE OF THE REAL PROPERTY.			r glass,	v - VO	Α		
						arrangement	s are made. Hazard	lous samples will be	e returned to	client o	r dispo	sed of	at the	client	expens	e. The	repor	t for the	analysis	of the al	ove sample	s is applicable
							story is limited to th															



Ph (505) 632-1881 Fx (505) 632-1865

envirotech-inc.com labadmin@envirotech inc.com

Received by OCD: 12/14/2022 10:20:32 AM

	buax, M					Report Atte	ention			L	an U	se On			ETILLE .	IAI			A Progra	dIII	
	Entro					Report due by:		Lab	WO#	1	2	Job I				) 3D	RC	CRA	CWA	SE	AWC
Project N	<u> 1anager:</u>	Ashley	Mari	well		Attention: Enterpris	0	PE	20	111	ol			,000							
<u>Address:</u>	2015	outh !	Halagi	uno		Address:						Analy	sis ar	nd Me	-					ate	
City, Stat	e, Zip Ca	Malpac	MW.F	88220		City, State, Zip		015	015						3				NM CO	UT	AZ
	505)3					Phone:		by 8	by 8	121	90	0	0.00								
Email: A	shley. I	laxwell	(Souch	umiller.c	one	Email:		80	80	y 80	, 826	601	e 30		ŏ						
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID			Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BOGOC				Rer	marks	5
0827	7/24/22	5	(	BHOI	@ 15	5-17	1 (								+						
0836	7/20/22	5	1	BHOI	@ 2	10-21.5	12								+						
0847	7/2422	5	1	BHOI	0 2	22-24	13								4						
0855	7/20/22	S	1	BHOI			14								9						
0908	7/20/22	5	-1			2-32.5	15								9						
0920	7/20/22	5	1			7-39	1(0								4						
0928	1/20/22	5	1		72	0-41.5	17								4						
1020	7/20/22	5	- 1			2.5-54	18								4						
1222	7/20/22	5	١			5-16.5	19								4						
1250	7/20/22	S	1	BH02	0	35-36.5	20								e						
Addition	al Instruc	tions:																			
				this sample. I am a		tampering with or intentionally mislabellin	g the sample location, date or								preservation				day they are sa ent days.	mpled o	received
	ed by: (Signa			25/22			Date 7/2	22	Time	):T	14	Rece	eived	l on ic	e: (	Lab U	se Oı	nly			
Relinquish	ed by: (Signa	ature)	Date		me	Received by: (Signature)	Date		Time			T1		np °C_	T2	2			<u>T3</u>		
Sample Mat	rix: S - Soil Sc	1 - Solid Se -	Sludge A - A	queous, <b>O</b> - Oth	er		Containe	r Type	a: g - 1	glass	<b>p</b> - n	_	_			lass, v	VOA		ACCESS OF THE PARTY OF	1600	
						arrangements are made. Hazardous													ove sample	s is an	plicable
7.57						y of the laboratory is limited to the an															



**Project Information** 

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Client: S	ouner	Miller	: A35	ciates	Report Attentio	on	86.0	6.000	La	b Us	e Onl	V			TAT	Γľ	E	PA Progr	am
Project:	Entero	rise P	OKEN 1	ake	Report due by:		Lab	WO#			Job N				1D 3	D	RCRA	CWA	SDWA
Project N	Manager:	AShly	Maria	rell	Attention: Enterprise		PE	20	717				1000						
Address:	2015	. 0 H	alagu	eno	Address:						Analy	sis ar	nd Met	hod					ate
				1 88220	City, State, Zip		015	8015						3				NM CO	UT AZ
	(505)			<del></del>	Phone:		8 Aq	by 8(	21	00	0	300.0							
Email: ₽	Bhluz	· Maxur	006300	dirmiller.com	Email:		80	RO	y 80	/ 82(	601	le 3(		35	- 1		-1.		
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID		Lab Number	DRO/ORO by 8015	GRO/D	BTEX by 8021	VOC by 8260	Metals 6010	Chloride		BDGOC				Rer	marks
1000	7/21/22	5	1	BH04@3	5-36.5	21								×					
1024	7/21/22	5	l	BH04@4	10-41.5	22								X					
1425	7/21/22	5	1	BH05 €	5-6.5	23								×					
1431	7/21/22	5	1	BH05 €	10-11.5	24								X					
1439	71.	5	-1	BH05 @	15-16.5	25								×					
1452	7/21/22	5	I	BH05@	22-23.5	2(0								X					
1507	7/21/22	5	ı	BH05@	30-31.5	27								V					
1521	7/21/22	5	-1-	BH05@3	35-36.5	28								×					
1552	7/21/22	5	1	BH05@	42 - 43.5	29								S					
					PAPT SUE														
Addition	nal Instruc	tions:																	
I, (field samp	ler), attest to th	e validity and	authenticity of	this sample. I am aware th	nat tampering with or intentionally mislabelling the s by:	sample location, date or					E		T				eived on ice th °C on subsequ		mpled or received
Relinquish	ned by: (Sign	ature)	Date	77/27 Time	Received by: (Signature)	Date 7/25	22	Time	5:5	H	Rece	ived	on ice		Lab (Y)/		e Only		
Relinquish	ned by: (Sign	ature)	Date		Received by: (Signature)	Date		Time			<u>T1</u>		np °C_	4	Γ2			<u>T3</u>	
Sample Ma	trix: S - Soil, S	d - Solid, Sg -	- Sludge, A - A	queous, O - Other		Containe	т Туре	: g - p	lass,	<b>p</b> - pc				nber	glass,	v - V	/OA		
					er arrangements are made. Hazardous samp									_				bove sample	s is applicable
only to thos	se samples re	ceived by the	a laboratory v	vith this COC. The liabi	ility of the laboratory is limited to the amount	paid for on the report.													



envirotech Inc.

Printed: 7/26/2022 9:34:24AM

## **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Souder Miller Associates - Carlsbad	Date Received:	07/25/22 15	:54		Work Order ID:	E207172
Phone:	(505) 325-7535	Date Logged In:	07/25/22 16	5:36		Logged In By:	Caitlin Christian
Email:	ashley.maxwell@soudermiller.com	Due Date:	08/01/22 17	7:00 (5 day TAT	·)		
	Custody (COC)						
	e sample ID match the COC?	1.1.000	Yes				
	te number of samples per sampling site location mat	ch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier	Heather Woods		
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes				
5. Were al	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion	•	Yes			<u>Comment</u>	s/Resolution
Sample T	urn Around Time (TAT)						
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	<u>Cooler</u>						
7. Was a s	ample cooler received?		Yes				
8. If yes, v	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes,	were custody/security seals intact?		NA				
12. Was the	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
Sample C		<u> </u>	-				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers.	)	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lab		iers conceica.	105				
	field sample labels filled out with the minimum info	rmation:					
	ample ID?	mation.	Yes				
	ate/Time Collected?		Yes				
C	ollectors name?		No				
Sample P	reservation_						
21. Does t	the COC or field labels indicate the samples were pr	eserved?	No				
22. Are sa	imple(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved m	netals?	No				
Multipha	se Sample Matrix						
26. Does 1	the sample have more than one phase, i.e., multiphate	se?	No				
27. If yes,	does the COC specify which phase(s) is to be analy	zed?	NA				
	act Laboratory						
	imples required to get sent to a subcontract laborator	mu?	No				
	subcontract laboratory specified by the client and if	-		Subcontract L	ah. na		
		30 WIIO:	1421	subcontract L	au. na		
Client In	struction						
L							

Date

Signature of client authorizing changes to the COC or sample disposition.

# APPENDIX H BORING LOGS

SMA 3500 S Las Cru Telepho	Miller & Associates edona Hills Parkway ices, NM 88011 ene: 575-647-0799 75-647-0680		BORING NUMBER BH-1 PAGE 1 OF
LIENT Enterprise Field Service	es	PROJECT NAME Poker Lake Di	ischarge (Line 16-24-30)
ROJECT NUMBER 5E13002		PROJECT LOCATION Eddy Co.	unty, New Mexico
ATE STARTED 7/20/2022	COMPLETED _7/20/2022	GROUND ELEVATION	HOLE SIZE _7.25-inches
RILLING CONTRACTOR Env	ro-Drill, Inc.	GROUND WATER LEVELS:	
	em Auger/Air-Rotary		
	CHECKED BY HW		
OTES 32.19394, -103.91769		AFTER DRILLING	Not Encountered
SAMPLE TYPE NUMBER NUMBER ENVIRONMENTAL	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
	Backfill - Silty Sar	nd with siltstone rock, red brown and tan,	dry.
5	77 77 77 77 77 77 77 77 77 77 77 77 77		
	24 24 24 24 24 24 24 24 24 24 24 24 24 2		
15 PID = 36.6	7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		
GB TPH = ND CI = ND	<u>6 24</u> <u>2 36</u> 17.0	oinkish white, dry, heavy to moderate odor,	no
GB PID = 23.1 TPH = ND CI = 26.8	staining.	, ,,,	



Souder, Miller & Associates 3500 Sedona Hills Parkway Las Cruces, NM 88011 Telephone: 575-647-0799

## **BORING NUMBER BH-1**

PAGE 2 OF 3

Fax: 575-647-0680 **CLIENT** Enterprise Field Services PROJECT NAME Poker Lake Discharge (Line 16-24-30) PROJECT LOCATION Eddy County, New Mexico PROJECT NUMBER 5E31002 ENVIRONMENTAL DATA SAMPLE TYPE NUMBER GRAPHIC LOG DEPTH (ft) MATERIAL DESCRIPTION WELL DIAGRAM 20 PID = 50.4 Siltstone, reddish white to red brown, dry to slightly moist, moderate TPH = ND odor decreasing to no odor, no staining, varying degrees of m GB CI = 22.9lithification, some caliche, very thin bedding when identifiable. PID = 93.1 TPH = ND CL = 73.7GB 25 PID = 102.1 m GB TPH = ND CI = 125 ENVIRONMENTAL BH - GINT STD US.GDT - 12/9/22 16:30 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINTCL\PROJECTS\GINT STD US.GPJ PID = 82.1 m GB TPH = ND CI = 146 30 PID = 54.3 TPH = ND GB CI = 150 PID = 8.1 GB TPH = ND CI = 24135 PID = 41.4 m GB TPH = ND CI = 117 PID = 31.4 TPH = ND CL = 245 GB 40 PID = 0TPH = ND GB CI = 92.4PID = 1.4 GB



Souder, Miller & Associates 3500 Sedona Hills Parkway Las Cruces, NM 88011

## **BORING NUMBER BH-1**

PAGE 3 OF 3 Telephone: 575-647-0799 Fax: 575-647-0680 CLIENT Enterprise Field Services PROJECT NAME Poker Lake Discharge (Line 16-24-30) PROJECT LOCATION Eddy County, New Mexico PROJECT NUMBER 5E31002 ENVIRONMENTAL DATA SAMPLE TYPE NUMBER GRAPHIC LOG DEPTH (ft) MATERIAL DESCRIPTION WELL DIAGRAM Siltstone, reddish white to red brown, dry to slightly moist, moderate odor decreasing to no odor, no staining, varying degrees of lithification, some caliche, very thin bedding when identifiable. (continued) 45 PID = 11.7 TPH = ND en y GB CI = 135 PID = 2.9 m GB 50 ENVIRONMENTAL BH - GINT STD US.GDT - 12/9/22 16:30 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINTCL\PROJECTS\GINT STD US.GPJ PID = 2.4 en y GB PID = 2.7 TPH = ND GB CI = 62.655 PID = 2.4 TPH = ND GB CI = 63.8Bottom of borehole at 56.5 feet.

Engineering •Environs Surveying	3500 S Las Cru Telepho	, Miller & Assoc dedona Hills Par luces, NM 8801 one: 575-647-0 75-647-0680	kway 1		BOR	RING NUMBER BH- PAGE 1 OF
CLIENT Er	nterprise Field Servic			PROJECT NAME Poker Lake [	Discharge (	Line 16-24-30)
PROJECT I	NUMBER 5E31002	2		PROJECT LOCATION Eddy Co	ounty, New	Mexico
DATE STAF	RTED 7/20/2022	COMP	PLETED 7/20/2022	GROUND ELEVATION		HOLE SIZE 7.25-inches
	ONTRACTOR Env					
	iethod <u>Hollow-St</u> Y <u>H</u> W		otary KED BY _HW			
	.19399, -103.9176	CHEO	RED BT _TIW	AFTER DRILLING		
					.,,,,	
O DEPTH (ft) (SAMPLE TYPE	ENVIRONMENTAL DATA	GRAPHIC LOG	МАТ	ERIAL DESCRIPTION		WELL DIAGRAM
-			(SM) Silty Sand, red to li staining.	ght tan, dry to slightly moist, no odd	or, no	
5	PID = 1.1					
10	PID = 5.4					
	PID = 12.7					
15	PID = 17.1 TPH = ND					
₩ G	GB CI = ND	16.5				
44	1	11.11.11.116.5		to red brown, dry to slightly moist, n		
	PID = 17.1			ees of lithification, some caliche, ve	ery tnin	
	PID = 17.1		no staining, varying degr	ees of lithification, some caliche, ve	ery tnin	
		× × × × × × × × × × × × × × × × × × ×	no staining, varying degr	ees of lithification, some caliche, ve	ery tnin	



## **BORING NUMBER BH-2**

PAGE 2 OF 2 Las Cruces, NM 88011 Telephone: 575-647-0799 Fax: 575-647-0680 **CLIENT** Enterprise Field Services PROJECT NAME Poker Lake Discharge (Line 16-24-30) PROJECT LOCATION Eddy County, New Mexico PROJECT NUMBER 5E31002 ENVIRONMENTAL DATA SAMPLE TYPE NUMBER GRAPHIC LOG DEPTH (ft) MATERIAL DESCRIPTION WELL DIAGRAM 20 Siltstone, reddish white to red brown, dry to slightly moist, no odor, PID = 24.9 TPH = ND no staining, varying degrees of lithification, some caliche, very thin m GB CI = ND bedding when identifiable. (continued) PID = 14.3 GB 25 PID = 22.6 GB ENVIRONMENTAL BH - GINT STD US.GDT - 12/9/22 16:30 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINTCL\PROJECTS\GINT STD US.GPJ PID = 35.3 TPH = ND m GB CI = 213 PID = 14.7 GB PID = 10.9 GB 35 PID = 11.7 TPH = ND GB CI = 256PID = 10.8 m GB 40 PID = 10.2 TPH = ND m GB CI = 279Bottom of borehole at 41.5 feet.

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Engir	Surveying	3500 Sed Las Cruce Telephone	Miller & Assoc Iona Hills Parl es, NM 88011 e: 575-647-0 -647-0680	kway		BOF	RING NUMBER BH-3 PAGE 1 OF 3
CLIE	ENT Enter	prise Field Services			PROJECT NAME Poker Lake	Discharge (	(Line 16-24-30)
PRC	JECT NU	MBER 5E31002				_	
DAT	E STARTE	ED 7/20/2022	COMP	LETED 7/21/2022	GROUND ELEVATION		HOLE SIZE 7.25-inches
DRIL	LING CON	NTRACTOR Enviro	o-Drill, Inc.		GROUND WATER LEVELS:		
DRIL	LING MET	Hollow-Stem	n Auger/Air-Re	otary	AT TIME OF DRILLING	Not Er	ncountered
LOG	GED BY _	HW	CHECI	KED BY HW	AT END OF DRILLING	Not Er	ncountered
NOT	<b>ES</b> 32.19	387, -103.91773			AFTER DRILLING	Not Er	ncountered
O DEPTH	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MA	TERIAL DESCRIPTION		WELL DIAGRAM
0 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	GB GB	PID = 21.4 TPH = ND CI = ND PID = 22.7 TPH = ND CI = ND	——————————————————————————————————————	odor, no staining.	ight tan, dry to slightly moist, slight	to no	
ENVIRONMENTAL BH - 20	GB	PID = 25.5	× × × × × × × × × × × × × × × × × × ×		to red brown, dry to slightly moist, s arying degrees of lithification, some dentifiable.		



## **BORING NUMBER BH-3**

PAGE 2 OF 3 Las Cruces, NM 88011 Telephone: 575-647-0799 Fax: 575-647-0680 **CLIENT** Enterprise Field Services PROJECT NAME Poker Lake Discharge (Line 16-24-30) PROJECT NUMBER 5E31002 PROJECT LOCATION Eddy County, New Mexico ENVIRONMENTAL DATA SAMPLE TYPE NUMBER GRAPHIC LOG DEPTH (ft) MATERIAL DESCRIPTION WELL DIAGRAM 20 Siltstone, reddish white to red brown, dry to slightly moist, slight odor decreasing to no odor, varying degrees of lithification, some caliche, PID = 43.2 TPH = ND m GB CI = ND very thin bedding when identifiable. (continued) PID = 61.2 TPH = ND GB CI = 37.925 PID = 21 GB PID = 72 TPH = ND GB CI = 103 30 PID = 19.7 GB PID = 38.4 GB 35 PID = 43.6 TPH = ND GB CI = 98.9PID = 38.1 m GB 40 PID = 23.6 TPH = ND GB CI = 113 PID = 16.8 m

ENVIRONMENTAL BH - GINT STD US.GDT - 12/9/22 16:30 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINTCL\PROJECTS\GINT STD US.GPJ



Souder, Miller & Associates Las Cruces, NM 88011

## **BORING NUMBER BH-3**

3500 Sedona Hills Parkway PAGE 3 OF 3 Telephone: 575-647-0799 Fax: 575-647-0680 CLIENT Enterprise Field Services PROJECT NAME Poker Lake Discharge (Line 16-24-30) PROJECT LOCATION Eddy County, New Mexico PROJECT NUMBER 5E31002 ENVIRONMENTAL DATA SAMPLE TYPE NUMBER GRAPHIC LOG DEPTH (ft) MATERIAL DESCRIPTION WELL DIAGRAM Siltstone, reddish white to red brown, dry to slightly moist, slight odor decreasing to no odor, varying degrees of lithification, some caliche, 3 GB \*\*\*\*\*\*\*\* very thin bedding when identifiable. (continued) 45 PID = 31.5 TPH = ND GB CI = 46.3PID = 25.4 GB 50 ENVIRONMENTAL BH - GINT STD US.GDT - 12/9/22 16:30 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINTCL\PROJECTS\GINT STD US.GPJ PID = 4.7 TPH = ND CI = ND GB Bottom of borehole at 52.0 feet.

vived by	OCD: 1	12/14/2022 10:2	0:32 AM			Page 170 of .
Engine	Surveying	3500 Sed Las Cruce Telephone	Miller & Associona Hills Parles, NM 88017 es, NM 68017 e: 575-647-0	kway 1	BOF	RING NUMBER BH-4 PAGE 1 OF 2
CLIE	<b>NT</b> Enter	prise Field Services			PROJECT NAME Poker Lake Discharge	(Line 16-24-30)
		MBER 5E31002				
					GROUND ELEVATION	
					GROUND WATER LEVELS:	
				otary		
LOG	GED BY _	HW	CHEC	KED BY HW		
NOTI	<b>ES</b> <u>32.19</u>	397, -103.91774			AFTER DRILLING	
O DEPTH	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MA	TERIAL DESCRIPTION	WELL DIAGRAM
ENVIRONMENTAL BH - GINT STD US.GDT - 13/9/22 08:17 - C.USERSPUBLIC/DOCUMENTS/BENTLEY/GINT CL/PROJECTS/GINT STD US.GPJ	GB GB GB GB GB	PID = 15.5 TPH = ND CI = ND PID = 2.6 PID = 26 PID = 32.8 TPH = ND CI = 87.2 PID = 32.9	17.0  ××××  ××××  ××××  ××××  ××××  ××××  ××××	Siltstone, reddish white	to red brown, dry to slightly moist, slight odor arying degrees of lithification, some caliche, dentifiable.	



## **BORING NUMBER BH-4**

PAGE 2 OF 2 Telephone: 575-647-0799 Fax: 575-647-0680 **CLIENT** Enterprise Field Services PROJECT NAME Poker Lake Discharge (Line 16-24-30) PROJECT LOCATION Eddy County, New Mexico PROJECT NUMBER 5E31002 ENVIRONMENTAL DATA SAMPLE TYPE NUMBER GRAPHIC LOG DEPTH (ft) MATERIAL DESCRIPTION WELL DIAGRAM 20 Siltstone, reddish white to red brown, dry to slightly moist, slight odor decreasing to no odor, varying degrees of lithification, some caliche, PID = 89.9 TPH = ND m GB CI = 48.1very thin bedding when identifiable. (continued) PID = 80.4 m GB 25 PID = 249.1 TPH = ND GB CI = 30ENVIRONMENTAL BH - GINT STD US.GDT - 13/9/22 08:17 - C.\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINTCL\PROJECTS\GINT STD US.GPJ PID = 66.5 m GB 30 PID = 108.7 TPH = ND GB CI = ND PID = 31.5 GB 35 PID = 39.4 TPH = ND GB CI = 236PID = 3.8 m GB 40 PID = 4.2 TPH = ND m GB CI = 139 Bottom of borehole at 41.5 feet.

Enginee	ring•Env	Sizironmental ng	MA 3500 Sedo Las Cruce	iller & Associona Hills Park s, NM 88011 : 575-647-0	kway		BORING NUMBER BH-PAGE 1 OF
CLIEN	NT _	Enter	prise Field Services			PROJECT NAME _ Poker Lake Dis	scharge (Line 16-24-30)
			MBER 5E31002			PROJECT LOCATION Eddy Cou	-
					LETED 7/21/2022		HOLE SIZE 7.25-inches
			ITRACTOR Enviro		otary	_ GROUND WATER LEVELS:	-
					KED BY _HW		-
			391, -103.91762				
O (ft)	SAMPI E TVPE	NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG		ATERIAL DESCRIPTION	WELL DIAGRAM
-					(SM) Silty Sand, red to odor, no staining.	light tan, dry to slightly moist, slight to	no
-	m	GB	PID = 17				
5 -	m	GB	PID = 32 TPH = ND CI = ND				
-		GB	PID = 15.4				
<u>10                                    </u>	m	GB	PID = 146 TPH = ND CI = 25.3				
-	m	GB	PID = 15.7				
-							
<u>15</u> -	m	GB	PID = 81.6 TPH = ND CI = 77	15.0		e to red brown, dry to slightly moist, slig varying degrees of lithification, some ca identifiable.	
_			DID 1000	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			
-	m	GB	PID = 103.3				
-				X			



## **BORING NUMBER BH-5**

PAGE 2 OF 3 Telephone: 575-647-0799 Fax: 575-647-0680 **CLIENT** Enterprise Field Services PROJECT NAME Poker Lake Discharge (Line 16-24-30) PROJECT NUMBER 5E31002 PROJECT LOCATION Eddy County, New Mexico ENVIRONMENTAL DATA SAMPLE TYPE NUMBER GRAPHIC LOG DEPTH (ft) MATERIAL DESCRIPTION WELL DIAGRAM 20 Siltstone, reddish white to red brown, dry to slightly moist, slight odor decreasing to no odor, varying degrees of lithification, some caliche, PID = 107.1 m GB very thin bedding when identifiable. (continued) PID = 139 TPH = ND GB CI = 182 25 PID = 64.2 GB ENVIRONMENTAL BH - GINT STD US.GDT - 13/9/22 08:17 - C.\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINTCL\PROJECTS\GINT STD US.GPJ PID = 32 m GB PID = 112 TPH = ND GB CI = 225 PID = 42 GB 35 PID = 42 TPH = ND GB CI = 208 PID = 24.7 m GB 40 PID = 28 GB PID = 9.2 m TPH = ND

ed by OCD: 12/14/2	2022 10:20:32 AM		Page 174 of
SMA  Engineering Environmental Surveying	Souder, Miller & Associates 3500 Sedona Hills Parkway Las Cruces, NM 88011 Telephone: 575-647-0799 Fax: 575-647-0680	ВО	RING NUMBER BH-5 PAGE 3 OF 3
CLIENT Enterprise Fig		PROJECT NAME Poker Lake Discharge	e (Line 16-24-30)
PROJECT NUMBER _	5E31002	PROJECT LOCATION Eddy County, Ne	ew Mexico
DEPTH (ft) SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA DATA GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
	I = 142		
		Bottom of borehole at 43.5 feet.	

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

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 166841

#### **CONDITIONS**

Operator:	OGRID:
Enterprise Field Services, LLC	241602
PO Box 4324	Action Number:
Houston, TX 77210	166841
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Crea	ted By	Condition	Condition Date
rha	mlet	Thank you for the Remediation Plan. Incident NAPP2210932844 LINE 16-24-30 has been closed.	4/26/2023