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	NAPP2131670294
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	>100 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	⊠ Yes □ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☑ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	⊠ Yes □ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	⊠ Yes □ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☑ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ⊠ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	⊠ Yes □ No
Are the lateral extents of the release within a 100-year floodplain?	⊠ Yes □ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ⊠ No

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

Renaired by OCD: 8/3/2022 4:15:34 PM tate of New Mexico Page 2 Oil Conservation Division

Incident ID	NAPP2131670294 of 23
District RP	
Facility ID	
Application ID	

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.									
Printed Name: Robert Dunaway	Title: Senior Environmental Engineer								
Signature: 1/2 Warrange	Date: 8/3/22								
email: <u>rhdunaway@eprod.com</u>	Telephone: <u>575-628-6802</u>								
OCD Only									
Received by:Jocelyn Harimon	Date:								



August 3, 2022

#5E31002-BG10

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

SUBJECT: Site Characterization Report for the A-18 Lateral Release (nAPP2131670294), Eddy County, New Mexico

Mr. Hamlet:

On behalf of Enterprise Field Services LLC (Enterprise), Souder, Miller & Associates (SMA) has prepared this Site Characterization Report for a release of produced water and natural gas related to oil and gas gathering activities at the A-18 Lateral (nAPP2131670294) site. The site is in Unit J, Section 28, Township 22S, Range 26E, Eddy County, New Mexico, on Federal land managed 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, summarizes information regarding the release.

	Table 1: Release Information and Closure Criteria										
Name	A-18 Lateral	Company	Enterprise Field Services LLC								
API Number	N/A	Location	32.360476, -104.29649								
Tracking Number	n/	nAPP2131670294									
Date Release Discovered	November 12, 2021	Date Reported to NMOCD	November 12, 2021								
Land Status	Federal (BLM)	Reported To	New Mexico Oil Conservation Division (NMOCD)								
Source of Release	Hole in gathering pipeline										
Released Volume	4 barrels (bbls) 1,193 Mcf	Released Material	Produced Water Natural Gas								
Recovered Volume	0 bbls 0 Mcf	Net Release	4 bbls 1,193 Mcf								
NMOCD Closure Criteria	<50 feet to groundwater										
SMA Response Dates	November 17 and 22, 2021; February 10, 2022; April 4 and 5, 2022; and July 6 through July 22, 2022										

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1.0 Background

On November 12, 2021, a release of produced water and natural gas was discovered at the A-18 Lateral 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 A-18 Lateral is an active gathering pipeline located approximately one mile west of Carlsbad, New Mexico on Federal (BLM) land at an elevation of approximately 3,266 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 yielded three results within ½-mile of the site (Appendix B). Two USGS wells are reported to be within 500 feet of the site with depths to groundwater of 166 and 199 feet below ground surface (bgs). Additionally, one OSE well is reported within ½-mile of the site and reports a depth to groundwater of 187 feet bgs. Based on this data and the elevation differential between the site and the wells, it is estimated that depth to groundwater at the site is 156 feet bgs. 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.

Wellhead Protection Area

As stated above, there are three known groundwater sources within ½-mile of the location, according to the OSE NMWRRS and USGS National Water Information System. At least one source appears to be used for livestock water.

Distance to Nearest Significant Watercourse

The site is located within McKittrick Draw as illustrated on Figures 1 and 2.

Closure Criteria

Table 2 demonstrates the Closure Criteria applicable to this location. Figures 1 and 2 demonstrate that, due to the proximity of McKittrick Wash and the high karst potential of underlying rock, the site does 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 less than 50 feet bgs.

3.0 Initial Release Characterization

On November 17 and 22, 2021, following pipeline repair and excavation activities, SMA personnel provided excavation guidance and excavation confirmation sampling at the A-18 Lateral site.

During excavation guidance, soil samples were field screened for chloride using an electrical conductivity (EC) meter and 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.

Six (6) 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 square

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feet 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 24 feet by 17 feet with a maximum depth of 13 feet, where weathered dolomite bedrock was encountered at the excavation base.

Based on field screening results, the excavation was extended to the southwest to expose the parallel pipeline within the right-of-way operated by Devon Energy Production Company (Devon). The Devon pipeline appeared to be uncompromised. On December 2, 2021, SMA collected six (6) additional excavation confirmation samples from the investigatory excavation. The investigatory excavation extents measured approximately 28 feet by 13 feet with a maximum depth of 5.5 feet. Excavation samples were composed of 5-point composites collected every 200 square feet or less in accordance with the sampling protocol included in Appendix D, except for sample HD-01@ 0-2' which was a composite of cuttings from a hand augered soil boring advanced horizontally into the excavation sidewall at a depth of approximately 3.5 feet bgs. Except for samples BS-01 and BS-02 which showed high field screening for VOCs, these samples were submitted for laboratory analysis in the same manner as described above.

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, and/or TPH concentrations are above the Closure Criteria in the excavation sidewalls and base, as well as the northeast portion of the investigatory excavation base. A chloride concentration above the Closure Criteria was also reported in the southwest base of the excavation. Due to these elevated concentrations and the encroachment of the excavation on McKittrick Road to the northeast, the excavation was backfilled with the spoils pending additional release characterization.

4.0 Continued Release Characterization

On February 10, 2022, four soil borings (BH-01 through BH-04) were advanced in the central portion of the excavation area and to the northwest and southeast immediately outside the excavation area using a Geoprobe drill rig operated by JR Drilling, LLC. The borings were advanced to the underlying rock where equipment refusal was encountered at depths ranging from 11.5 to 13 feet bgs. Boring BH-01 was comprised entirely of backfill and no samples were collected. The remainder of the borings were continuously sampled, and field screened for VOCs. 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 as described previously. Laboratory analytical results indicated concentrations of constituents of concern were below laboratory reporting limits for all samples except for BH-02 at 10.5-11.5 feet bgs, the deepest sampled interval of the boring, which reported detectable concentrations of total BTEX and a total concentration of 340 milligrams per kilogram (mg/kg) total TPH which is above the Closure Criteria of 100 mg/kg.

On April 4 and 5, 2022, three additional borings (BH-05 through BH-07) were advanced in the central portion of the excavation area and extending outside the excavation area to the southwest using a Sonic Geoprobe drill rig operated by Talon/LPE. The borings were advanced to depth ranging from 15 to 28 feet in depth where equipment refusal was encountered. The borings were continuously sampled, and field screened for VOCs except where they were advanced through backfill which was from the surface to 13 feet bgs in boring BH-05 and from the surface to 6 feet bgs in boring BH-07. Sample intervals representing the highest field screening, changes in lithology, and/or the deepest sampled interval of the boring were submitted for laboratory analysis as described previously. Laboratory analytical results

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indicated concentrations of total TPH above the Closure Criteria present at the deepest interval sampled in all three borings.

Following consultation with OCD staff via virtual conference call on April 27, 2022, additional borings were proposed to further delineate the site. On July 6 through July 22, 2022, five additional borings (BH-08 through BH-12) were advanced at the site using a truck-mounted CME-75 drill rig operated by Enviro-Drill, Inc. The borings were advanced to depths ranging from 40 to 101 feet bgs. The borings were advanced using a combination of hollow-stem auger, wire-line coring, and air-rotary drilling techniques. Samples were collected by split-spoon, as rock cores, and as grab samples of cuttings as appropriate. Samples were field screened for VOCs except for boring BH-08 from the surface to 15 feet bgs where the boring was advanced through backfill. Sample intervals representing the highest field screening, changes in lithology, and/or the deepest sampled interval of the boring were submitted for laboratory analysis as described previously. Laboratory analytical results indicate total TPH concentrations above Closure Criteria in boring BH-08 from 20 to 32.25 feet bgs and one isolated interval at 64 to 66 feet bgs. Additionally, TPH concentrations above Closure Criteria were reported in boring BH-11 at depths ranging from 35 to 50 feet bgs.

No groundwater was encountered during the drilling of the borings. Boring BH-08 was left open for more than 72-hours at a depth of 50 feet bgs, and then later left open for 24-hours at a depth of 101 feet. No groundwater was encountered in boring BH-08 after the elapse time periods.

Boring locations are illustrated on Figure 4. 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 Discussion

Lithology at the site generally consists of alluvial fill underlain by dolomite interbedded with siltstone. The dolomite exhibits karst features with small vugs concentrated in lenses disbursed throughout the unit. Based on subsurface conditions observed during drilling and logging activities, the alluvial fill thickness appears greatest within the channel of McKittrick Draw and the underlying rock surface appears to slope to the southwest. Likewise, surface topography slopes to the southwest in the immediate vicinity of the excavation area, but in the greater vicinity, topography slopes to the northwest. Based on field screening and laboratory results, it appears that residual contamination extends primarily from the central excavation area to the southwest and decreases in concentration to below Closure Criteria at a depth of approximately 32.5 feet near boring BH-08, and to a depth greater than 50 feet bgs near boring BH-11.

An extension request was submitted to the OCD on May 4, 2022, and approved on May 5, 5022. An additional extension request was submitted on July 20, 2022, but was denied with a request for the submittal of a Site Assessment/Characterization report. Copies of this correspondence is included in Appendix E.

Enterprise proposes to consult with the OCD via a teleconference in early August to develop a path forward for site remediation and closure.

Should additional drilling be necessary, the soonest a drill rig will be available is late September or early October 2022.

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6.0 Scope and Limitations

The scope of our services included: assessment sampling; verifying release stabilization, regulatory liaison, and preparing this site characterization report. 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.

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

Submitted by:

SOUDER, MILLER & ASSOCIATES

Ashley Maxwell Project Scientist Reviewed by:

Heather Woods, P.G. Project Geoscientist

Veather M. Woods

ATTACHMENTS:

Figures:

Figure 1: Topographic Site Map

Figure 2: Aerial Site Map

Figure 3: Excavation Confirmation Sample Location Map

Figure 4: Boring Location 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

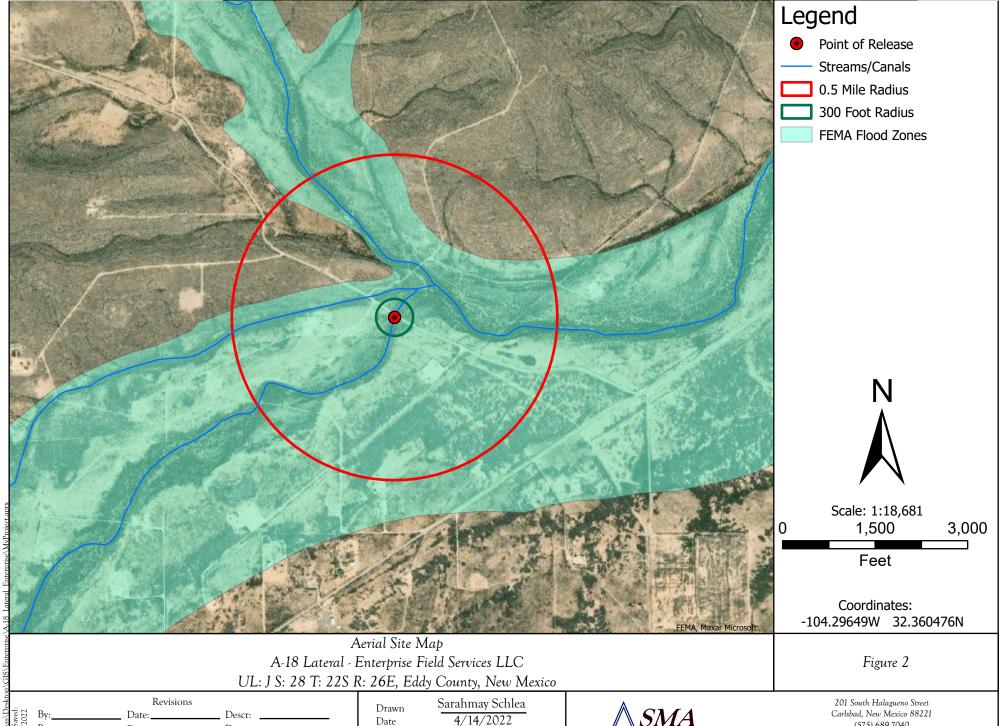
Appendix G: Laboratory Analytical Reports

Appendix H: Boring Logs

FIGURES

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Checked

Approved

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Excavation Confirmation Sample Location Map A-18 Lateral - Enterprise Field Services LLC UL: J S: 28 T: 22S R: 26E, Eddy County, New Mexico

Figure 3

Revisions

Date: ______ Descr: ______

By: _____ Date: _____ Descr: ______

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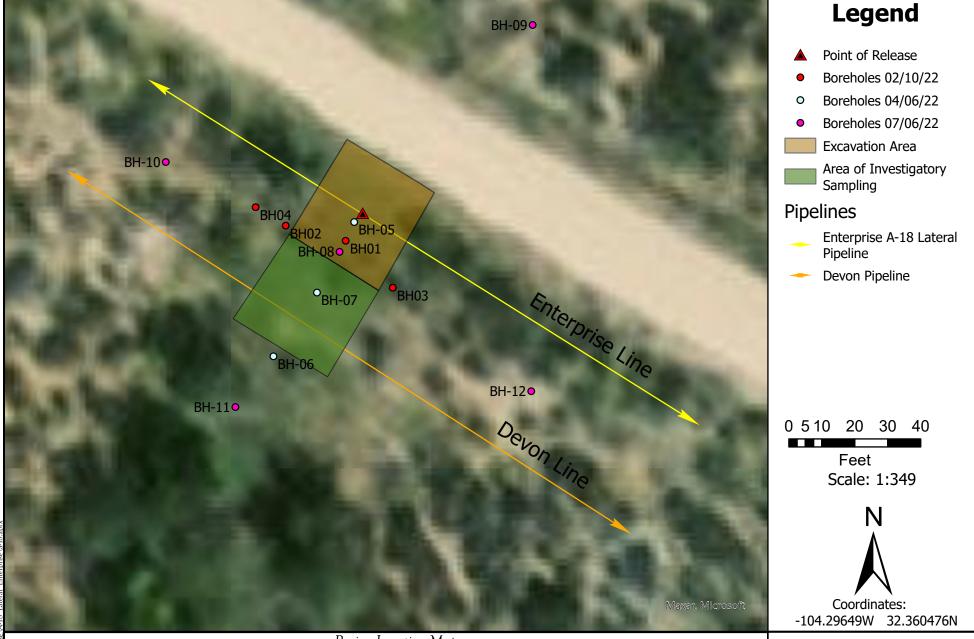
Drawn
Date
Checked
Approved

Sarahmay Schlea
8/3/2022

8/3/2022



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Boring Location Map A-18 Lateral - Enterprise Field Services LLC UL: J S: 28 T: 22S R: 26E, Eddy County, New Mexico

Figure 4

Revisions

By: ____ Date: ____ Descr: _____

By: ___ Date: ____ Descr: _____

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Drawn Date Checked Approved Sarahmay Schlea
8/3/2022



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TABLES

Enterprise Field Services LLC A-18 Lateral

Table 2: NMOCD Closure Criteria

Site Information (19.15.29.11.A(2, 3, and 4) NMAC)	Source/Notes	
Estimated Depth to Groundwater (feet bgs)	156	United State Geological Survey Topo Map
Hortizontal Distance From All Water Sources Within 1/2 Mile (ft)	960	NMOSE & USGS Water Well Data
Hortizontal Distance to Nearest Significant Watercourse (ft)	23,000	United State Geological Survey Topo Map

Closure Criteria (19.15.29.12.B(4) and Table 1 NMAC)									
	Closu	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'		10000	2500	1000	50	10			
>100'	Χ	20000	2500	1000	50	10			
Surface Water	yes or no		if yes	s, then					
<300' from continuously flowing watercourse or other significant									
watercourse?	Yes								
<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,		000	100		30	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?	Yes								
within a 100-year floodplain?	Yes								



Sample ID	Sample Date	Depth of Sample	Field Screening	Metho	d 8021B		Meth	od 8015D		Method 300.0
Jampie 15	Sample Date	(feet bgs)	VOCs by PID	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Chloride
		(leet bgs)	ppm	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
	NMOCD Closure Criteria (>4 ft)								100	600
BS 1-N @ 12'	11/22/2021	12	374	367	12	9,200	3,200	<840	12,400	86
BS 2-S @ 13'	11/22/2021	13	345	708	22	13,000	3,600	<990	16,600	800
SWN-3 @ 0-12'	11/22/2021	0-12	1,545	3.89	<0.12	340	470	63	873	<60
SWE-4 @ 0-12.5'	11/22/2021	0-12.5	914	53.75	0.35	1,100	1,000	<460	2,100	340
SWS-5 @ 0-13'	11/22/2021	0-13	950	80.25	0.65	1,300	1,400	<480	2,700	<60
SWW-6 @0-12.5'	11/22/2021	0-12.5	1,557	16.26	<0.12	650	200	<47	850	<60
HD-01 @ 0-2'	12/2/2021	3.5	7.3	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<40.0
BS-01	12/2/2021	5.5	2,003							
BS-02	12/2/2021	5.5	1,851	-			-			
BS-03	12/2/2021	5.5	50.1	0.141	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
BS-04	12/2/2021	5.5	57.7	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SSW-05	12/2/2021	3.5	354	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0

Notes:

NMOCD - New Mexico Oil Conservation Division

VOC - volitile organic compound

PID - photoionization detector

BTEX - total benzene, toluene, ethylbenzene, and xylenes

GRO - gasoline range organics

DRO - diesel range organics

MRO - motor oil range organics

TPH - total petroleum hydrocarbon

bgs - below grade surface ppm - parts per million

mg/kg - milligram per kilogram

"--" - not applicable or not analyzed



Sample	Sample Date	Depth of Sample	Field Scr	Method 8021B		Method 8015D				Method 300.0	
ID	Sample Date	(feet bgs)	VOCs by PID	TPH	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Chloride
			ppm	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
				losure Criteria		10				100	600
BH-01	2/10/2022	0 - 11.5	N	o samples of b	ackfill fron	n surface to	11.5 ft, n	o recovery	in-situ rocl	k at 11.5 ft.	
		2 - 4	1.0								
		4 - 6	3.4								
BH-02	2/10/2022	6 - 8	3.1								
		8 - 9	23.3		<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
		10.5-11.5	1,753		1.66	<0.0250	196	144	<50.0	340	<20.0
		2 - 4	0.7								
DII 02	2/10/2022	4 - 5	0.9								
BH-03	2/10/2022	7 - 8	1.8		<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
		9.5 - 11	0.2		<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
		2 - 4	1.6	-							
BH-04	2/10/2022	5 - 6	3.7								
DI1-04	2/10/2022	10 - 11	6.8		<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
		11.5 - 13	98.2		<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
	4/5/2022 0 - 14 14 - 15 1,333 16 - 17 1,539 20 1,247 24 1,778 2.5 30.8	0 - 14	No	samples of b	ackfill fron	n surface to	13 ft, the	n no recov	ery from 11	1.5 to 14 ft.	
		14 - 15	1,333		261.7	15.8	2,660	1560	282	4,502	170
BH-05		16 - 17	1,539		104.8	2.57	1,380	887	180	2,447	395
			1,247	268	107.5	2.06	1,470	913	587	2,970	111
		1,778	313	11.4	0.101	175	261	181	617	257	
		5	7.5								
		7.5	4.6								
BH-06	4/5/2022	10	4.2								
		11.5	8.0		<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
		12.5	6.4								
		15	4.1		<0.100	<0.0250	<20.0	95.3	210	305	44.2
		0 - 6				ples of back				1	
		6	5.8								
		10	4.8								
		11	1,104								
		13	432.6								
		15	1,069								
		16	4,717		1.219	<0.0250	55.5	236	<50.0	292	35.3
DII 07	4/6/2022	19	3,263	144	2.40		67.0			200	
BH-07	4/6/2022	19.5	>5,000		3.18	<0.0250	67.8	322	<50.0	390	86.3
		20	>5,000	020	12.2	<0.0250	190	 E04	 <50.0		110
		21 23 - 24	>5,000	939 573	12.3		189	594	<50.0 		110
		23 - 24	4,042	325	20.5	0.138	229	435	123	787	138
			4,300							1	
		25.5	>5,000		159.5	5.51	1,220	398	<50.0	1,618	55.4
		26 27	3,847								
		28	2,587 4,680	81	4.2	<0.0250	54.3	98.8	<50.0	153.1	264



Sample	Samula Data	Depth of Sample	Field Scr	eening	Metho	d 8021B		Meth	od 8015D		Method 300.0
ID	Sample Date	(feet bgs)	VOCs by PID	TPH	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Chloride
			ppm	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			NMOCD C	losure Criteria	50	10				100	600
		20-20.5	1,400		1.02	<0.0250	35.3	940	281	1,256	<40.0
		25-26	4,700		0.677	<0.0250	24.5	506	178	709	<40.0
		30-30.5	3,506		1.24	<0.0250	42.5	279	177	499	61.8
		31.5-31.75	109.3		<0.100	<0.0250	<20.0	79.6	52.1	132	<40.0
		31.75-32.25	620		<0.100	<0.0250	<20.0	85.2	88.5	174	<40.0
		32.25-32.75	110.7		<0.100	<0.0250	<20.0	40.9	<50.0	40.9	<40.0
		37-38	23.2								
		38-39	192.0		<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
		40-41	25.9								
		41-41.25	80.5								
		41.25-42.5	29.7								
		42.5-43	30.3								
	7/6/2022	43-43.75	174		<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	45.3
	77072022	43.75-44.5	44.1								
		44.5-44.75	82.9								
		44.75-45	163.2		<0.100	<0.0250	<20.0	<2.0	<50.0	<95.0	26.1
		46-46.25	94.6								
		46.25-46.5	73.2								
		46.5-46.75	30								
		46.75-47.5	178								
		47.5-47.75	285		<0.100	<0.0250	<20.0	48.5	<50.0	48.5	26.6
		47.75-48.5	31.5					-			
		48.5-48.75	15.6								
		48.75-49.25	23.9								
BH-08		49.25-49.75	31.5								
DI1-00		49.75-50	5.4		<0.100	<0.0250	<20.0	55.0	<50.0	55.0	20.6
		50-52.5	20.3		<0.149	<0.017	<3.3	<14	<48	<65	<60
		52.5-55	17.7		<0.153	<0.017	<3.4	<14	<46	<68	<60
		55-55.5	7.6		<0.135	<0.015	<3.0	<15	<50	<68	<60
		55.5-57	8.1		<0.144	<0.016	<3.2	<12	<41	<56	88
		57-59.75	9.8								
		59.75-60.25	2.8								
		60.25-62.5	20.7		<0.139	<0.015	<3.1	<13	<43	<59	87
		62.5-64	14.5								
		64-66	105		<0.156	<0.017	<3.5	40	140	180	81
		66-67.5	10.1								
		67.5-70	64.8		<0.144	<0.016	<3.2	<13	<43	<59	75
	7/22/2022	70-72.5	17.3								
	1/22/2022	72.5-75	16		<0.139	<0.015	<3.1	<13	<45	<61	<60
		75-77.5	9.2								
		77.5-80	40.1		<0.135	<0.015	<3.0	<14	<47	<64	<59
		80-82.5	53.6		<0.170	<0.019	<3.8	16	<45	16	62
		82.5-85	9.8								
		85-87.5	3.8								
		87.5-90	12.4		<0.156	<0.017	<3.5	<13	<45	<62	77
		90-92.5	5.1		<0.194	<0.022	<4.3	<14	<48	<66	80
		92.5-95	1.9		<0.153	<0.017	<3.4	<15	<49	<67	71
		95-97.5	7.7		<0.162	<0.018	<3.6	<14	<47	<65	79
		97.5-100	4.9		<0.157	<0.017	<3.5	<14	<46	<64	<60
		100-101	8.5		<0.201	<0.022	<4.5	<14	<48	<67	61



Sample	Sample Date	Depth of Sample	Field Scr	eening	Metho	Method 8021B		Method 8015D			
ID	Sumple Bute	(feet bgs)	VOCs by PID	TPH	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Chloride
			ppm	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			NMOCD C	losure Criteria	50	10				100	600
		5-5.25	0.9								
		10-10.5	1								
		15-15.5	1.6								
		20-20.5	2.8		<0.172	<0.019	<3.8	<14	<47	<65	<61
		25-25.5	0.0								
		28.75-29	0.0			1	-	1	I		
		29-29.5	0.0			1	-	1	I		
		29.5-30	0.0								
		30-31	0.0								
		31-31.5	0.0								
		31.5-32	0.0								
		32-33.25	0.0								
		33.25-33.5	0.0								
		33.5-34	0.0								
		34-34.5	0.0								
		34.5-34.75	0.0		<0.242	<0.026	<5.3	<13	<43	<61	<60
BH-09	7/7/2022	34.75-35	0.0								
вн-09		35-35.5	0.0								
		35.5-37	0.0								
		37-38	0.0								
		38-38.5	0.0								
		38.5-40	0.0								
		40.5-41	0.0								
		41-41.5	0.0								
		41.5-42	0.0								
		42-42.5	0.0								
		42.5-42.75	0.0								
		42.75-43	0.0								
		43-43.23	0.0								
		43.25-43.75	0.0								
		43.75-44.25	0.0								
		44.25-44.5	0.0								
		44.5-45	0.0		<0.152	<0.017	<3.4	26	<48	26	<60



Sample	Sample Date	Depth of Sample	Field Screening		Metho	d 8021B		Method 300.0			
ID	Sample Date	(feet bgs)	VOCs by PID	TPH	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Chloride
			ppm	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			NMOCD C	losure Criteria	50	10				100	600
		5-5.5	0.0								
		10-10.5	0.0		<0.172	<0.019	<3.8	<13	<45	<62	<60
		15-15.5	0.0		<0.153	<0.017	<3.4	<15	<49	<67	<60
		20-20.25	0.0								
		25-25.25	0.0								
		30-30.25	0.0								
		30.25-30.75	0.0		<0.207	<0.023	<4.6	<14	<48	<67	<61
		30.75-31.25	0.0								
		31.25-31.75	0.0								
		31.75-32	0.0								
		33-33.5	0.0								
BH-10	7/7/2022	33.5-34	0.0								
	, , -	34-34.25	0.0								
		34.25-34.5	0.0		<0.195	<0.022	<4.3	<13	<44	<61	<60
		34.5-35	0.0								
		36.25-36.5	0.0								
		36.5-37	0.0								
		37-37.5	0.0								
		37.5-38	0.0								
		38-38.5	0.0								
		38.5-38.75	0.0								
		38.75-39	0.0								
		39-39.75	0.0								
		39.75-40	0.0		<0.185	<0.021	<4.1	<13	<42	<59	<60
	7/11/2022	5-5.5	1.7								
		10-10.5	1.7								
		15-15.5	4.2		<0.198	<0.022	<4.4	<15	<49	<68	<60
		20-20.5	1.0		<0.150	<0.017	<3.3	<15	<49	<67	<60
		25-25.5 31-31.5	1.5								
		31-31.5	0.0								
		32-32.25	0.0		0 175	 -0.010					
		32-32.25	0.0		<0.175	<0.019	<3.9	<13	<42 	<59 	<60
BH-11			0.0								
DU-11		33-33.25									
		33.25-33.5 33.5-34	0.0								
	7/13/2022	34-34.25	0.0		<0.201	<0.022	<4.5			<61	 <60
	//13/2022	34-34.25	0.0		<0.201 		<4.5 	<13	<43 		
		34.25-34.5	0.0								
		34.75-35	0.0								
		35-40	24.0		<0.171	<0.019	<3.8	110	510	620	<61
		40-45	18.1		<0.171	<0.019	<3.8	60	180	240	<61
		45-50	3.5		<0.171	<0.019	<3.6	57	140	197	84



Sample	Sample Date	Depth of Sample	eening	Metho	d 8021B		Meth	od 8015D		Method 300.0	
ID	Sample Date	(feet bgs)	VOCs by PID	TPH	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Chloride
			ppm	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			NMOCD C	losure Criteria	50	10				100	600
		5-5.5	2.9		<0.141	<0.016	<3.1	<14	<48	<65.1	<60
	7/11/2022	10-10.5	2.0								
	7/11/2022	15-15.5	1.7		<0.199	<0.022	<4.4	28	<42	28	<60
		20-20.5	1.6								
		25-25.25	0.0								
		25.25-25.5	0.0					1	-		
		25.5-26.5	0.7					1	-		
		26.5-26.75	0.7		<0.166	<0.018	<3.7	<13	<45	<61.7	<60
		26.75-27	0.0					1	-		
		27-28.75	0.0					-	-		
		28.75-29.25	0.0					1	-		
		29.25-30	0.0								
		30-30.75	0.3					-			
		30.75-31.25	1.1		<0.175	<0.019	<3.9	<14	<45	<62.9	<60
		31.25-31.75	0.2								
		31.75-32.5	0.2								
		32.5-33	0.4								
		33-33.5	0.2								
		33.5-34.25	0.2								
		34.25-34.5	0.5								
	-	34.25-34.5	0.5								
BH-12		34.5-35	0.5								
DI1 12		35-35.75	0.6								
	7/13/2022	35.75-36	0.8		<0.202	<0.022	<4.5	<14	<46	<64.5	<60
	7/13/2022	36-36.5	0.0								
		36.5-37.25	0.7								
		37.25-37.5	0.8								
		37.5-38	0.0								
		38-38.5	0.8		<0.221	<0.025	<4.9	<14	<48	<66.9	<60
		38.5-39	0.4								
		39-40	0.5								
		40-40.25	0.0								
		40.25-40.5	0.0								
		40.5-41.2	0.5								
		41.2-41.25	0.0								
		41.25-41.5	0.0		<0.162	<0.018	<3.6	<14	<45	<62.6	<59
		41.5-42	0.0								
		42-42.25	0.0								
		42.25-42.5	0.0								
		42.5-42.75	0.0								
		42.75-43	0.0								
		43-43.25	0.0								
		43.25-43.75	0.0								
		43.75-44	0.0		<0.157	<0.017	<3.5	<13	<42	<58.5	<60

Notes: NMOCD - New Mexico Oil Conservation Division

VOC - volitile organic compound PID - photoionization detector TPH - total petroleum hydrocarbon

BTEX - total benzene, toluene, ethylbenzene, and xylenes

GRO - gasoline range organics DRO - diesel range organics MRO - motor oil range organics bgs - below grade surface ppm - parts per million mg/kg - milligram per kilogram "--" - not applicable or not analyzed



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

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	NAPP2131670294
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Enterprise Field Services LLC				OGRID	241	602			
Contact Name Robert Dunaway				Contact To	Contact Telephone 575-628-6802				
Contact ema	il	rhdunaway@ep	rod.com	Incident #	(assigned by OCD)	nAPP2131670294			
Contact mail	ing address	PO Box 4324, H	Iouston, TX 77210						
			Location	of Release S	ource				
Latitude32	2.360476		(NAD 83 in dec	Longitude imal degrees to 5 decim	-104.29649 mal places)				
Site Name	A-18 La	ateral		Site Type	Gatherin	g Pipeline			
Date Release	Discovered	11/12/21		API# (if app	olicable)				
Unit Letter	Section	Township	Range	Cour	nty				
J	28	22S	26E	Edd	ly				
	Materia			Volume of 1		volumes provided below)			
Crude Oil		Volume Release	d (bbls)		Volume Recov	vered (bbls)			
Produced	Water	Volume Release	d (bbls)		Volume Recovered (bbls)				
		produced water		nloride in the	he Yes No				
□ Condensa	te	Volume Release	d (bbls) 4		Volume Recov	vered (bbls) -0-			
Natural G	as	Volume Release	d (Mcf) 1193		Volume Recov	vered (Mcf) -0-			
Other (describe) Volume/Weight Released (provide units				units)	Volume/Weig	tht Recovered (provide units)			
Cause of Rele Found a le		ering pipeline, cau	se is to be determi	ned.					

Received by OCD: 8/3/2022 4: 15:34 PMM ate of New Mexico
Page 2 Oil Conservation Division

Da	~D	22	. 2	e so	4
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Incident ID	NAPP2131670294
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☑ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? Gas release > 500 mscf						
If YES, was immediate no	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?						
Yes. Paul Reinermann to	Mike Bratcher (email). Paul Reinermann to OCD (NOR)						
	Initial Response						
The responsible p	party must undertake the following actions immediately unless they could create a safety hazard that would result in injury						
☑ The source of the rele☑ The impacted area has	sase has been stopped. s been secured to protect human health and the environment.						
	we been contained via the use of berms or dikes, absorbent pads, or other containment devices.						
	ecoverable materials have been removed and managed appropriately.						
If all the actions described	d above have <u>not</u> been undertaken, explain why:						
Per 19.15.29.8 B. (4) NM.	AC the responsible party may commence remediation immediately after discovery of a release. If remediation						
O 1 I	a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred t area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.						
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.							
Printed Name: Robert I	Dunaway Title: <u>Senior Environmental Engineer</u>						
Signature: K.W.	Date: 11 /22 /21						
email: <u>rhdunawav(a epro</u>	<u>d.com</u> Telephone: <u>575-628-6802</u>						
OCD Only							
Received by: Ramon	a Marcus Date: 11/22/2021						

Release Type Leak PSV Flowrate (scfm) Hole Length (in) 0.015625 Hole Width (in) 0.015625 Hole Diameter (in) 0.015625 Pressure (psi) 350 Flared No		0.36 BLOWDOWN I 1192.05	Mscf RELEASE TOTAL
Hole Length (in) 0.015625 Hole Width (in) 0.015625 Hole Diameter (in) 0.015625 Pressure (psi) 350			
Hole Width (in) 0.015625 Hole Diameter (in) 0.015625 Pressure (psi) 350			
Hole Diameter (in) 0.015625 Pressure (psi) 350			
Pressure (psi) 350			
		1192.05	
Flared No	2		Mscf
Blowdown Inputs			
Pipe Length (ft) 52800			
Diameter (in) 12			
Pressure (psi) 350			
Flared No		EVENT TOTAL (LEA	K & BLOWDOWN)
Is blowdown Part of			
release Yes		1192.40	Mscf

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 62903

CONDITIONS

Operator:	OGRID:
Enterprise Field Services, LLC	241602
PO Box 4324	Action Number:
Houston, TX 77210	62903
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date		
rmarcus	None	11/22/2021		

APPENDIX B GROUNDWATER WELL DOCUMENTATION

(In feet)



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)

	POD Sub-		Q (Q Q						Depth	Depth	Water
POD Number	Code basin	County	64 1	6 4	Sec	Tws	Rng	X	Y	Well	Water	Column
<u>C 01192</u>	С	ED	2	4	33	22S	26E	566664	3579084* 🎒	100		
C 01465	С	ED		2	27	22S	26E	568042	3581339* 🎒	116	96	20
<u>C 02168</u>	С	ED	1 3	1	28	22S	26E	565337	3581231* 🌍	206	140	66
C 02822	С	ED	2 3	1	33	22S	26E	565543	3579584* 🌍	300		
C 02876	С	ED	4 3	2	28	22S	26E	566332	3581028* 🌍	505	187	318
C 02964	С	ED	3 3	2	33	22S	26E	566149	3579390* 🌍	319		

Average Depth to Water: 141 feet

Minimum Depth: 96 feet

Maximum Depth: 187 feet

Record Count: 6

PLSS Search:

Section(s): 27, 28, 33 **Township:** 22S **Range:** 26E

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



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National Water Information System: Web Interface

USGS Water Resources

Data Category:		Geographic Area:		
Groundwater	~	United States	~	GO

Click to hideNews Bulletins

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

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs **site_no list** = • 322140104174601

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 322140104174601 22S.26E.28.41310

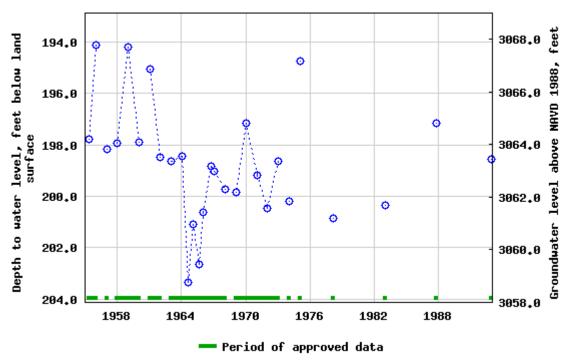
Available data for this site Groundwater: Field measurements
GO

Eddy County, New Mexico
Hydrologic Unit Code 13060011
Latitude 32°21'40", Longitude 104°17'46" NAD27
Land-surface elevation 3,262 feet above NAVD88
The depth of the well is 580 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Capitan Limestone (313CPTN) local aquifer.

Output formats

Table of data	
Tab-separated data	
Graph of data	
Reselect period	

USGS 322140104174601 225.26E.28.41310



Breaks in the plot represent a gap of at least one year between field measurements. <u>Download a presentation-quality graph</u>

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0.59 0.49 nadww01





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National Water Information System: Web Interface

USGS Water Resources

Data Category:	Geographic Area:		
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Search Results -- 1 sites found

Agency code = usgs **site_no list** = • 322137104175001

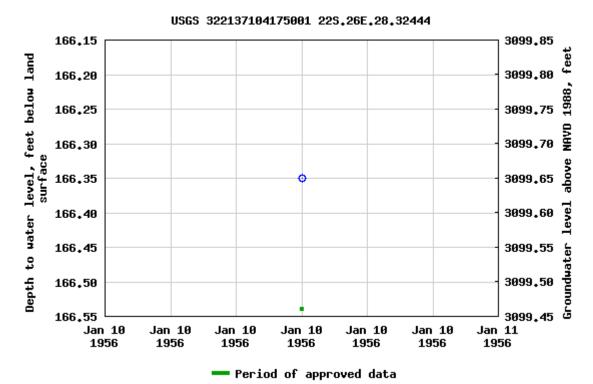
Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 322137104175001 22S.26E.28.32444

Output formats

<u>Table of data</u>	
<u>Tab-separated data</u>	
Graph of data	
Reselect period	



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0.57 0.52 nadww01





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National Water Information System: Web Interface

USGS Water Resources

Data Category:		Geographic Area:		
Groundwater	~	United States	~	GO

v GO

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Groundwater levels for the Nation

■ Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

site_no list =

322117104183501

Minimum number of levels = 1

(110AVMB) local aquifer.

Save file of selected sites to local disk for future upload

USGS 322117104183501 22S.26E.32.22133

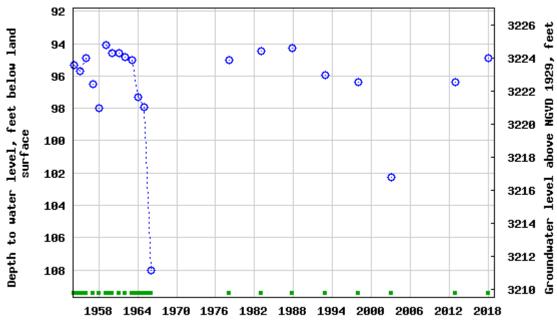
Available data for this site Groundwater: Field measurements

Available data for this site Croundwater. Tied medicarements
Eddy County, New Mexico
Hydrologic Unit Code 13060011
Latitude 32°21'13.35", Longitude 104°18'45.57" NAD83
Land-surface elevation 3,319.00 feet above NGVD29
The depth of the well is 140 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits

Output formats

Table of data	
<u>Tab-separated data</u>	
Graph of data	
Reselect period	





Period of approved data

Breaks in the plot represent a gap of at least one year between field measurements. <u>Download a presentation-quality graph</u>

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Title: Groundwater for USA: Water Levels

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

Page Contact Information: <u>USGS Water Data Support Team</u>

Page Last Modified: 2022-04-14 17:27:30 EDT

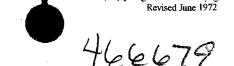
0.6 0.53 nadww01





STATE ENGINEER OFFICE

WELL RECORD



Section 1. GENERAL INFORMATION

) Owner of w	ellCit	y of Carlsbad			·		·	Owner's w	ell No	MW-4	
Street or P	ost Office Address	P.O. Bo	c 1569					· · · · · · · · · · · · · · · · · · ·			
City and St	ateCa	rlsbad, NM 88	221-1569								
Vell was drilled i	ınder Pennit No	C-2876					and is located in the:				
a.	SE%_	SW ¼ NE	_¼of	Section 28	Township 2	2S i	Range <u>26E</u>	N.M.P.M.	in <u>E</u> ddy	county.	
Ь.	Tract No		of Map No		of the						
C.	Lot No.		of Block No.		of the						
-	Subdivision, reco	orded in								County,	
d.		feet, Y=								Zone in Grant.	
3) Drilling Co	utractor Hv	droGeologic S	ervices Inc			1	License No. WD	1472			
		•	• • •								
		Completed					Total dep				
completed well is		shallow		esian.			er upon completion of				
			Santia	n 2 DDINCIDAI	. WATER-BEARIN	Jer eamb Aa	ГА				
Dept	h in Feet	Thickness in	Decito:				· · · · · · · · · · · · · · · · · · ·		P	imated Vistal	
From	То	Feet Feet		De	escription of Water B	searing For	mation		(gall	timated Yield ons per minute)	
187	505	. 318			Fractured Lir	nestone				30	
				^						<u> </u>	
								· · · · ·			
	1			Contra 2 DI	COND OF CASE			-			
	<u> </u>				ECORD OF CASIN				Same of the same o	_ 39	
Diameter (inches)	Pounds per Foot	Threads per in.	Depth is	To	Length (feet)		Type of Shoe		From	ations To.	
6 5/8	13	Plain	+1.5	60	61.5				- Philade		
				· · ·					Totalia bat cad		
<u> </u>						 			montage All annual		
							 -	<u> </u>	7	OH	
Doub	in Fact	<u>T</u>	Section 4	RECORED OF	F MUDDING AND	CEMENT	ING				
From	in Feet To	Hole Diameter	Sa of I	ks Cubic Feet Method of Cement Method of				Method of	f Placement		
					<u> </u>		 	~	· · · · · ·		
		<u> </u>									
				Section S. PL	UGGING RECOR						
ugging Contrac	tor					No.		n Feet Botton		Cubic Feet of Cement	
		<u> </u>			_ -	1	Тор	Bouon		·······	
		<u>.</u>			_	2					
					_	3					
ugging Approve		State Engine	eers Representati	ve		4					
			- 								
				FOR USE OF	STATE ENGINEER	RONLY					
ate Received	07-01-2	2002			Quad		FWL		_FSL		
ilo No	C_2274			TT							
Date Received		2002			Quad		FWL				

From	То	in Feet	Color and Type of Material Encountered
0	2	2	Tan/White Sand w/ Gravel
. 2	38	36	Light Grey Limestone
38	189	151	Dark Grey Limestone
	505.	-	Dark to Light Grey Fractured Limestone
189	203.	319	Dark to Light Grey Fractured Limestone
	· · · · · · · · · · · · · · · · · · ·		
	·		
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	<u>.</u>		
:			
		_	

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his/her knowledge and belief, the foregoing is a true and correct record of the above-described hole.

Fill aller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section5 need be completed.

STATE ENGINEER OFFICE

WELL RECORD

A) Owner of Well CT 3 Ronald D. Frederick Street or Post Office Address 2412 Harding SP. 25 Owner's Well No. C - 2	168
Street of Fost Office Address	
City and State Crannell Occanishad, NM 88220	
a ¼ East ¼ ¼ NE ¼ of Section 27 Township 22s Range 26E	N.M.P.M
b. Tract No of Map No of the	
c. Lot No of Block No of the Subdivision, recorded in County.	
d. X= feet, Y= feet, N.M. Coordinate System	Zone ir Grant
) Drilling Contractor <u>Jack Ingram</u> <u>License No. WD 591</u>	
ddress 1523 Hidalgo Rd. Carlsbad, NM 88220	
rilling Began 7-29-88 Completed 8-27-88 Type tools cable Size of hole 10	in
evation of land surface or at well is ft. Total depth of well	ft
ompleted well is Shallow artesian. Depth to water upon completion of well 140	It.
Section 2. PRINCIPAL WATER-BEARING STRATA Depth in Feet Thickness Estimated Yie	
From To in Feet Description of Water-Bearing Formation (gallons per min	
198 201 3 Craven No Sample 45 gal	
201 206 5 Sand Gravel 5 gal	
Section 3. RECORD OF CASING	,
Diameter Pounds Threads Depth in Feet Length Type of Shoe Perforati	ons
(inches) per foot per in. Top Bottom (feet) Type of Since From	То
7 23 8 0 206 31 N/4 170	206
Section 4. RECORD OF MUDDING AND CEMENTING	
Depth in Feet Hole Sacks Cubic Feet Method of Placement	
From To Diameter of Mud of Cement Method of Flacement	
	
	· · ·
Section 5. PLUGGING RECORD	
lugging Contractor	
ddress Depth in Feet Cubic	c Feet
ugging Method Top Bottom of Ce	ement
ugging approved by:	
State Engineer Representative 3 4	
4	
FOR USE OF STATE ENGINEER ONLY ate Received September 6, 1988	
QuadFWLFSL	
File No. C-2168 Use - Domestic Location No. 22.26.28.13123	<u>.</u>

File No._ Released to Imaging: 11/17/2022 2:49:26 PM

eived by OCD: 8/3/2022 4:15:34 PM			Section 6. LOG OF HOLE Page 37 o				
Depth	in Feet ;	Thickness	Color and Type of Material Encountered				
From	То	in Feet	Color and Type of Material Encountered				
0	10	10	Top soil Brownish				
10	70	60	River rocket bolders Greenish				
70	75	5	Shale Greenish				
75	95	20	Anhy White				
95	103	8	Broken lime and Anhy White				
105	109	4	Shale Greenish				
109	120	11	Porush Linme Brownish				
120	130	10	Broken Lime and Anhy Brownish				
130	155	25	Broken Lime Brown				
155	165	10	Shale Blueish				
165	185	20	Broken Lime and Shale Blueish				
185	198	16	Hard Lime Gray				
:: 198	201	3	Cavern (no sample)				
201	206	5	Gravel and Yellow Shale				

Section 7. REMARKS AND ADDITIONAL INFORMATION

Gravel pack with quarter inch gravel.

Amount - 6 yards.

EP 6 8 30 MM '8

ROSWELL, NH

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When the six used as a plugging record, only Section 5 need be completed.

Form WR-23

STATE ENGINEER OFFICE

WELL RECORD

4AHD

SANTA FE 463381

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the nearest district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1A and Section 5 need be completed.

Section 1			(A) Owne	or of well	J.R I	Little		•	
						h Tenth St.	reet		***************************************
			City Car		and the second			ate New 1	Mexico
 	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					nit No. C-146			1.1.1
1					100	of Section 27			
	-					mmett Barro			
						outh Tenth			
	<u> </u>		City Carl					the state of the s	Mexico
						Feb. 16			
	l <u></u>					Feb. 25			
			supplied the	e partier t	Pag As	restrator de la completa	rajy (asaki	grid, a sa pap	kojskiji nadel
Elevation	n at top of	f casing in fe	eet above sea	a level		Total de	pth of well	1- 11	16
	-					Depth to wa			
Section 2	• • • • • • • • • • • • • • • • • • • •		PRIN	ICIPAL W	ATER-BEAR	ING STRATA			e e e e e e e e e e e e e e e e e e e
Section 2			Thickness in	On 7					
No.	From		Feet		Des	scription of Water	r-Bearing ro	ormation	
1			1 1						~
	90	110	20		'	& some graj	y lime		<u>=</u>
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. 3	<u> </u>							ya ya	janak Promi
4				<u> </u>	<u> </u>	<u> </u>	<u> </u>		
5.			<u> </u>	l.,			<u> </u>		pacification
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Section 5	5			PLUG	GING RECO	ORD			
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		HEX:	Basin Sup	ervisor	No.	Depth of P	Plug To	No. of Sacks	s Used
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Section 6

LOG OF WELL

Depth i	n Feet	Thickness				
From	. 2004: 120 TO 4: 144-140	in Feet	Color	Type of Material Encountered		
0		5	Brown	Top soil		
synt 5 vê	1.720	15	Prown	Loose boulders		
790 80 140	-nr 65 ma	45	Red	Redbed & rock		
11651	90	25	Yellow	Yellow clay & gravel		
90	100	10	Gray	hime rock and mud		
100	112	12	Blue	Blue lime		
112	118	6_	Gray William	Cray lime		
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	ng programme a	<u> Liggrapia</u>	<u> </u>	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described well

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CHAPTER OF THE PROPERTY OF THE

APPENDIX C FIELD NOTES

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 or Envirotech Laboratory in Farmington, New Mexico for analysis. A selected samples were collected for laboratory analysis 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

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APPENDIX E CORRESPONDENCE

Heather Woods

From: Ashley Maxwell

Sent: Tuesday, August 2, 2022 7:57 PM

To: Heather Woods

Subject: Fwd: 48-Hour Sampling Notification A-18 Lateral (nAPP2131670294)

Sent via the Samsung Galaxy S10, an AT&T 5G Evolution capable smartphone Get Outlook for Android

From: Ashley Maxwell

Sent: Wednesday, November 17, 2021 2:32:33 PM **To:** Enviro, OCD, EMNRD <ocd.enviro@state.nm.us>

Cc: rhdunaway@eprod.com <rhdunaway@eprod.com>; JJHANWAY@eprod.com <jjhanway@eprod.com>; Phillip Smith

<phillip.smith@soudermiller.com>; Patrick Braley <patrick.braley@soudermiller.com>

Subject: 48-Hour Sampling Notification A-18 Lateral (nAPP2131670294)

Good Afternoon,

SMA will be onsite on Monday, November 22, 2021, at approximately 7:00 am to collect conformation closure samples for a release on the Enterprise A-18 Lateral (nAPP2131670294) line located at 32.360476 -104.29649. Please consider this your 48-hour notification.

Thanks! Ashley Maxwell



Stronger Communities by Design





www.soudermiller.com

Ashley Maxwell

Project Scientist

Direct/Mobile: 505.320.8975

Office: 505.325.7535

401 W. Broadway

Farmington, New Mexico 87401

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 Surveying Firm (10162200), WY Engineering/Surveying Firm (5-1704)

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

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

Subject: RE: [EXTERNAL] Extension Request, nAPP2131670294

Date: Wednesday, July 20, 2022 9:16:42 AM

[Use caution with links/attachments]

Robert,

It looks like there has been multiple extensions on this incident. We will at the very least need a Site Assessment/Characterization of the site uploaded to the payment portal before we can grant another extension. Please, explain the delays so we can get a better understanding on the projects status.

Thank you,

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, July 20, 2022 8:15 AM

To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hamlet, Robert, EMNRD

<Robert.Hamlet@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Harimon,

Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>; Velez, Nelson, EMNRD

<Nelson.Velez@state.nm.us>

Subject: Fw: [EXTERNAL] Extension Request, nAPP2131670294

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

Sent: Wednesday, July 20, 2022 6:38 AM

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

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

Subject: [EXTERNAL] Extension Request, nAPP2131670294

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

Enterprise Field Services is requesting an extension of the A-18 Lateral remediation effort (nAPP2131670294) from 8/8/2022 to 11/8/2022. Per the previous OCD and Enterprise discussions, Enterprise has completed soil boring to fully delineate the site. Lab results are forthcoming. After this, Enterprise will need to consult with the OCD to determine the best path forward to remediating the site.



Robert Dunaway

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.

APPENDIX F PHOTOGRAPH LOG

APPENDIX G LABORATORY ANALYTICAL REPORTS

APPENDIX H BORING LOGS

•					5 3
Engineering • Environmental Surveying	MA 3500 Sedo Las Cruces	ller & Assoc na Hills Park s, NM 88011 575-647-0 647-0680	kway		BORING NUMBER BH-1 PAGE 1 OF 1
CLIENT Enterp				PROJECT NAME A-18 Lateral	
					unty, New Mexico
					HOLE SIZE 3.25-inches
				GROUND WATER LEVELS:	
LOGGED BY _	HW	CHECI	KED BY HW		<u>-</u>
NOTES 32.360	040, -104.29655			AFTER DRILLING	
SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MA	TERIAL DESCRIPTION	WELL DIAGRAM
0.0	LI CONTRACTOR OF THE PROPERTY	13.5	light gray gravel and co	Refusal at 13.5 feet.	with

ENVIRONMENTAL BH - GINT STD US.GDT - 3/8/122 13:44 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINTCL\PROJECTS\GINT STD US.GPJ

Engi	Sineering • Environmental Surveying	3500 Sed Las Cruce Telephone	filler & Associona Hills Parles, NM 88017e: 575-647-0680	kway I		BORING	NUMBER BH-2 PAGE 1 OF 1
CLIE	ENT Enter				PROJECT NAME A-18 Lateral		
1	ROJECT NUMBER 5E29921						
DAT	E STARTE	D 2/10/22	COMP	LETED 2/10/22	GROUND ELEVATION	HOLE S	SIZE 3.25-inches
DRII	LLING CON	ITRACTOR JR Dri	lling, LLC.		_ GROUND WATER LEVELS:		
DRII	LLING MET	HOD Geoprobe			_ AT TIME OF DRILLING		
LOG	GED BY _	HW	CHEC	KED BY HW	AT END OF DRILLING	-	
ПОИ	ES 32.36	041, -104.29660			AFTER DRILLING		
O DEPTH	SAI	ENVIRONMENTAL DATA	GRAPHIC LOG		TERIAL DESCRIPTION		WELL DIAGRAM
-	- -			(CL-ML) Clayey Silt, br	own, dry		
2.5 - Cd9:50 Ols	- RC	PID = 1.0	2.0	(CH) Fat Clay, trace gravel, brown with light gray gravel, slightly moist			
5.0	RC	PID = 3.4	6.0				
7.5	- RC	PID = 3.1		(SP) Gravelly Sand with	n Silt, gray with light gray gravel, sligh	itly moist	
	RC RC	PID = 23.3 TPH = <95.0	, O				
<u>نا</u>			1				
- 3/8/22 13:4	RC	PID = 1753 TPH = 340	11.5	(CL-ML) Silty Clay, trac light gray gravel, slightly	te sand, lenses of gravel, reddish tan y moist	with	
JS:GD					Refusal at 11.5 feet. om of borehole at 11.5 feet.		
ENVIRONMENTAL BH - GINT STD US.GDT - 3/8/22 13:44 - C:USERS/PUBLIC/DOCUMENT/S/BENTLEY/GINTCL/PROJECTS/GINT STD US.GPJ							

	SV •Environmental vveying	A 3500 Sedo Las Cruces	ller & Assoc na Hills Parl s, NM 88011 575-647-0	kway		BORING NUMBER BH-3 PAGE 1 OF 1
CLIENT	Enterpris				_ PROJECT NAME _A-18 Lateral	
					PROJECT LOCATION Eddy Cou	
DATE S	TARTED	2/10/22	COMP	LETED 2/10/22	GROUND ELEVATION	HOLE SIZE 3.25-inches
DRILLIN	NG CONTR	ACTOR JR Drill	ing, LLC.		_ GROUND WATER LEVELS:	
DRILLIN	NG METHO	Geoprobe			AT TIME OF DRILLING	-
LOGGE	D BY HW	<i>l</i>	CHECI	KED BY HW	AT END OF DRILLING	
NOTES	32.36037	7, -104.29651			AFTER DRILLING	
O DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MA	TERIAL DESCRIPTION	WELL DIAGRAM
			2.0	(CL-ML) Clayey Silt, br	own, dry	
2.5	RC	PID = 0.7	4.0	(CH) Fat Clay, trace gr moist	avel, brown with light gray gravel, sligh	itly
5.0	RC	PID = 0.9	4.0	(SP) Gravelly Sand with	n Silt, gray with white gravel, slightly n	noist
7.5	RC	PID = 1.8 TPH = <95.0				
0.01 10.02 13:44 - C:02 13:44 -	RC	PID = 0.2 TPH = <95.0	9.5	(CL-ML) Silty Clay, trac light gray gravel, slightl	ce sand, lenses of gravel, reddish tan y y moist	vith
7 - 3/8				Botto	Refusal at 11.0 feet. om of borehole at 11.0 feet.	
ENVIRONMENTAL BH - GINT STD US GDT - 3/8/22 13:44 - C:USERS/PUBLIC/DOCUMENT/S/BENTLEY/GINTCL/PROJECTS/GINT STD US,GFJ 1						

Engineering Environmental	MA 3500 Sedo Las Cruces	ller & Associ na Hills Park s, NM 88011 575-647-05 647-0680	way	В	ORING NUMBER BH-4 PAGE 1 OF
CLIENT Enter				PROJECT NAME A-18 Lateral	
	IBER <u>5E29921</u>				
			_ETED _2/10/22		
				GROUND WATER LEVELS:	
	HOD Geoprobe	_			
	-		KED BY _HW		
	043, -104.29663	011201	<u> </u>	AFTER DRILLING	
				AI TENDRICEINO	T
O DEPTH O (ft) SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MA	TERIAL DESCRIPTION	WELL DIAGRAM
	ш		(CL-ML) Clayey Silt, bro	own, dry	
2.5 RC	PID = 1.6	2.0	(SP) Gravelly Sand with	Silt, gray with white gravel, slightly moist	
5.0 RC	PID = 3.7				
7.5					
RC	PID = 6.8 TPH = <95.0	11.0	(CL-ML) Silty Clay, trac white gravel, slightly mo	e sand, lenses of gravel, reddish tan with ist	
12.5 RC	PID = 98.2 TPH = <95.0				
		13.5	Botto	Refusal at 13.5 feet. m of borehole at 13.5 feet.	

3500 Sec Las Cruc Telephon	Miller & Associa Iona Hills Parkv es, NM 88011 e: 575-647-07 -647-0680	way	BOF	RING NUMBER BH-5 PAGE 1 OF 1	
CLIENT Enterprise Field Services	1		PROJECT NAME A-18 Lateral		
PROJECT NUMBER 5E29921	PROJECT NUMBER 5E29921			w Mexico	
	DATE STARTED <u>4/5/22</u> COMPLETED <u>4/5/22</u>		GROUND ELEVATION	HOLE SIZE 6-inches	
DRILLING CONTRACTOR Talon					
DRILLING METHOD Geoprobe/S					
LOGGED BY HW		ED BY HW			
NOTES 32.360416, -104.29654			AFTER DRILLING		
SAMPLE TYPE NUMBER NUMBER ENVIRONMENTAL	GRAPHIC LOG	MA	TERIAL DESCRIPTION	WELL DIAGRAM	
The standard of the standard o	13.0 ×× ×× ×× ×× ×× ×× ×× ×× ××	Dolomite interbedded w light gray dolomite and moderate odor, slight to	and with gravel, trace cobbles, brown with bbles, dry to slightly moist, no odor to slight with Siltstone, beds typically 1 to 3 feet thick, tan siltstone, dry to slightly moist, slight to moderate staining. Refusal at 24.0 feet. Om of borehole at 24.0 feet.		

Enginee	Signing • Environmental Surveying	Souder, Mi 3500 Sedo Las Cruces Telephone: Fax: 575-6	na Hills Pa s, NM 880 : 575-647-	arkway 11		BORING NUMBER BH-6 PAGE 1 OF 1
CLIE	NT Enterp				PROJECT NAME A-18 Lateral	
						ınty, New Mexico
					GROUND ELEVATION	HOLE SIZE 6-inches
DRILI	LING CONT	RACTOR Talon/L	PE, Ltd.		_ GROUND WATER LEVELS:	
DRILI	LING METH	IOD Geoprobe/So	nic		AT TIME OF DRILLING	-
LOGO	GED BY H	W	CHE	CKED BY HW	AT END OF DRILLING	
NOTE	S 32.360	32, -104.29661			AFTER DRILLING	
о ОЕРТН (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG		TERIAL DESCRIPTION	WELL DIAGRAM
	■ RC	PID = 30.8	5.0		own, dry to moist, no odor, no staining	
	RC	PID = 7.5	× × × × × × × × × × × × × × × × × × ×		/, no odor, no staining, appears weath	ered
INTCL/PROJECTS/GINT STD US.GPJ	RC RC	PID = 4.6	× × × × × × × × × × × × × × × × × × ×		st to dry, no odor, no staining, appears	
SLIC/DOCUMENTS/BENTLEY/GIN	RC RC RC	PID = 4.2 PID = 8.0 TPH = <95.0 PID = 6.4	10 X X X X X X X X X X X X X X X X X X X	Dolomite with minor silt siltstone, dry to slightly slight staining	istone lenses, light gray dolomite and moist, no odor to slight odor, no staini	
1515	RC	PID = 4.1	×× 15	-	Refusal at 15.0 feet.	
ENVIRONMENTAL BH - GINT STD US.GDT - 3/8/22 13:44 - C:\USERSIPUBLIC\DOCUMENTS\BENTLEYIG		TPH = 305	1	Botte	om of borehole at 15.0 feet.	

Eng	SIncering Environmental Surveying	A 3500 Sedo Las Cruce	iller & Assocona Hills Parl s, NM 8801 ² : 575-647-0 647-0680	kway	BOI	RING NUMBER BH-7 PAGE 1 OF 1	
CLI	ENT Enterp	rise Field Services			PROJECT NAME A-18 Lateral		
PRO	OJECT NUN	IBER 5E29921			PROJECT LOCATION Eddy County, Ne	w Mexico	
DA	TE STARTE	D 4/6/22			GROUND ELEVATION		
					GROUND WATER LEVELS:		
- 1							
			СПЕС	KED BY HW			
NO	1ES 32.360	37, -104.29657			AFTER DRILLING		
O DEPTH	SAN	ENVIRONMENTAL DATA	GRAPHIC LOG	MA	ATERIAL DESCRIPTION	WELL DIAGRAM	
ENVIRONMENTAL BH - GINT STD US.GDT - 3/8/122 13:44 - C:\USERSiPUBLIC\UDOCUMENTS\BENTLEY\GINT\CL\PROJECTS\GINT\STD US.GPJ C	RC R	PID = 4.8 PID = 1104 PID = 1104 PID = 1069 PID = 4717 TPH = 292 PID = 3263 PID = 5000 TPH = 390 PID = 5000 PID = 5000 PID = 4042 PID = 4300 TPH = 787 PID = 5000 TPH = 1618 PID = 3847 PID = 2587 PID = 4680 TPH = 153	8.0 ××××××××××××××××××××××××××××××××××××	Dolomite interbedded v light gray dolomite with heavy odor, slight to me weathered	Refusal at 28.0 feet. The solution of the state of the s		
ENVIRON							

ed by OCD: 8/3/2022 4:15:34 PM	Page 57 of 2
Souder, Miller & Associates 3500 Sedona Hills Parkway Las Cruces, NM 88011 Telephone: 575-647-0799	BORING NUMBER BH-8 PAGE 1 OF 4
Fax: 5/5-64/-0680	DDO JECT NAME A 40 Leteral
CLIENT Enterprise Field Services PROJECT NUMBER 5E29921	
	GROUND ELEVATION HOLE SIZE _2-inches to 7.25-inches
DRILLING CONTRACTOR Enviro-Drill, Inc.	
DRILLING METHOD Hollow Stem Auger/Rock Coring/Air Rotary	
LOGGED BY _HW CHECKED BY _HW	
NOTES	
SAMPLE TYPE NUMBER NUMBER DATA DATA LOG	MATERIAL DESCRIPTION WELL DIAGRAM
(SC-SM) Cla	ey Silty Sand with gravel, trace cobbles, brown with el and cobbles, dry to slightly moist, no odor to slight ng
Dolomite inte	bedded with Siltstone, light gray dolomite with tan o slightly moist, slight to heavy odor, no staining to in fractures and vugs, vugs often 1 to 5 mm in size in . 0.5 to 1 foot in thickness at 1 to 3 foot intervals

ENVIRONMENTAL BH - GINT STD US.GDT - 3/8/122 14:03 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINTCL\PROJECTS\GINT STD US.GPJ



Souder, Miller & Associates Las Cruces, NM 88011

BORING NUMBER BH-8

3500 Sedona Hills Parkway PAGE 2 OF 4 Telephone: 575-647-0799 Fax: 575-647-0680 PROJECT NAME A-18 Lateral CLIENT Enterprise Field Services PROJECT NUMBER 5E29921 PROJECT LOCATION Eddy County, New Mexico ENVIRONMENTAL DATA SAMPLE TYPE NUMBER GRAPHIC LOG DEPTH (ft) MATERIAL DESCRIPTION WELL DIAGRAM PID = 4700 Dolomite interbedded with Siltstone, light gray dolomite with tan SS TPH = 709 siltstone, dry to slightly moist, slight to heavy odor, no staining to slight staining in fractures and vugs, vugs often 1 to 5 mm in size in lenses approx. 0.5 to 1 foot in thickness at 1 to 3 foot intervals throughout. (continued) 30 PID = 3506 30.5 TPH = 499 SS Dolomite interbedded with Siltstone, light gray dolomite with tan siltstone, dry to slightly moist, slight to no odor, no staining to slight RC RC RC staining in fractures and vugs, vugs less common and typically 1 to PID = 109.3 3 mm, occasionally as much as 5mm. TPH = 132 PID = 620 TPH = 174 PID = 111 ENVIRONMENTAL BH - GINT STD US GDT - 3/8/22 14:03 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINTCL\PROJECTS\GINT STD US GPJ TPH = 41 35 PID = 23.2 RC PID = 192 RC TPH = <95.0 40 PID = 25.9 RC RC PID = 80.5 PID = 29.7 RC RC PID = 30.3 PID = 174 RC TPH = <95.0 RC PID = 44.1 RC 45 PID = 82.9 RC PID = 163.2 TPH = <95.0 RC RC PID = 94.6 PID = 73.2RC PID = 30 RC PID = 178 RC PID = 285 RC RC TPH = 48.5 RC PID = 31.5 RC 50 PID = 15.6 RC PID = 23.9 PID = 31.5 RC PID = 5.4TPH = 55.0 PID = 20.3 TPH = <65.0



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

BORING NUMBER BH-8

PAGE 3 OF 4 Fax: 575-647-0680 CLIENT Enterprise Field Services PROJECT NAME A-18 Lateral PROJECT NUMBER 5E29921 PROJECT LOCATION Eddy County, New Mexico ENVIRONMENTAL DATA SAMPLE TYPE NUMBER GRAPHIC LOG DEPTH (ft) MATERIAL DESCRIPTION WELL DIAGRAM GB PID = 17.7 Dolomite interbedded with Siltstone, light gray dolomite with tan m siltstone, dry to slightly moist, slight to no odor, no staining to slight TPH = <68 staining in fractures and vugs, vugs less common and typically 1 to 55 3 mm, occasionally as much as 5mm. (continued) GB PID = 7.6 TPH = <68 m GB PID = 8.1TPH = <56 PID = 9.8 GB 60 **€** GB PID = 2.8 PID = 20.7 TPH = <59 GB ENVIRONMENTAL BH - GINT STD US.GDT - 3/8/22 14:03 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINTCL\PROJECTS\GINT STD US.GPJ PID = 14.5 GB PID = 105 TPH = 180 65 m GB PID = 10.1 GB PID = 64.8 TPH = <59 GB 70 PID = 17.3 GB PID = 16 TPH = <61 m GB 75 PID = 9.2 GB PID = 40.1 TPH = <64 m GB 80 PID = 53.6 **TPH = 16** GB



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

BORING NUMBER BH-8

PAGE 4 OF 4 Fax: 575-647-0680 CLIENT Enterprise Field Services PROJECT NAME A-18 Lateral PROJECT NUMBER 5E29921 PROJECT LOCATION Eddy County, New Mexico ENVIRONMENTAL DATA SAMPLE TYPE NUMBER GRAPHIC LOG DEPTH (ft) MATERIAL DESCRIPTION WELL DIAGRAM Dolomite interbedded with Siltstone, light gray dolomite with tan PID = 9.8 siltstone, dry to slightly moist, slight to no odor, no staining to slight staining in fractures and vugs, vugs less common and typically 1 to m 3 mm, occasionally as much as 5mm. (continued) GB 85 PID = 3.8 GB PID = 12.4 TPH = <62 m GB 90 PID = 5.1 TPH = <66 GB PID = 1.9 TPH = <67 GB 95 PID = 7.7 TPH = <65 GB PID = 4.9 TPH = <64 GB 100 PID = 8.5 GB TPH = <67 Bottom of borehole at 101.0 feet. Note: No groundwater measured after leaving borehole open at 51' bgs for more than 72 hours. No groundwater measured after leaving borehole open 24 hours at 101' bgs.

ENVIRONMENTAL BH - GINT STD US.GDT - 3/8/22 14:03 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINTCL\PROJECTS\GINT STD US.GPJ

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Engineer	SIT of Environmental Surveying	3500 Sec Las Cruc Telephon	Miller & Associona Hills Par es, NM 8801 e: 575-647-0	kway 1	BOF	RING NUMBER BH-9 PAGE 1 OF 2
CLIEN	NT Enter				PROJECT NAME A-18 Lateral	
					PROJECT LOCATION Eddy County, New	
					GROUND ELEVATION	
					_ GROUND WATER LEVELS:	
				Coring/Air Rotary		
LOGG	SED BY _	HW	CHEC	KED BY HW	AT END OF DRILLING	
NOTE	s				AFTER DRILLING	
O DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MA	TERIAL DESCRIPTION	WELL DIAGRAM
 5		ш			Sand with gravel, trace cobbles, brown with bbles, dry to slightly moist, no odor, no	
-	⊠ SS J	PID = 0.9	7.0	siltstone, dry to slightly	with Siltstone, light gray dolomite with tan moist, no odor, no staining, vugs often 1 to 5 oprox. 0.5 to 1 foot in thickness at 1 to 3 foot	
10			× ×			
	⊠ ss	PID = 1.0	$-\frac{\times \times \times}{\times \times}$			
 15			× × × × × × × × × × × × × × × × × × ×			
	X ss	PID = 1.6	$-\begin{vmatrix} \hat{x} & \hat{x} \\ \hat{x} & \hat{x} \end{vmatrix}$			
20	⊠ ss	PID = 2.8 TPH = <65				
 25			× × × × × ×			



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

BORING NUMBER BH-9

PAGE 2 OF 2 Telephone: 575-647-0799 Fax: 575-647-0680 CLIENT Enterprise Field Services PROJECT NAME A-18 Lateral PROJECT LOCATION Eddy County, New Mexico PROJECT NUMBER 5E29921 ENVIRONMENTAL DATA SAMPLE TYPE NUMBER GRAPHIC LOG DEPTH (ft) MATERIAL DESCRIPTION WELL DIAGRAM \times ss PID = 0Dolomite interbedded with Siltstone, light gray dolomite with tan \(\text{\chi}\) siltstone, dry to slightly moist, no odor, no staining, vugs often 1 to 5 mm in size in lenses approx. 0.5 to 1 foot in thickness at 1 to 3 foot intervals throughout. (continued) SS SS PID = 0PID = 0 30 RC PID = 0RC PID = 0PID = 0RC RC PID = 0PID = 0RC RC PID = 0RC PID = 0ENVIRONMENTAL BH - GINT STD US.GDT - 3/8/22 14:03 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINTCL\PROJECTS\GINT STD US.GPJ RC RC PID = 035 35.0 PID = 0RC Dolomite interbedded with Siltstone, light gray dolomite with tan RC TPH = <61 siltstone, dry to slightly moist, no odor, no staining, vugs less PID = 0common and typically 1 to 3 mm, occasionally as much as 5mm. RC PID = 0PID = 0RC PID = 0PID = 0 RC PID = 0RC 40.0 40 PID = 0RC RC PID = 0RC PID = 0RC PID = 0RC RC PID = 0PID = 0RC RC RC PID = 0PID = 0PID = 0RC RC Bottom of borehole at 45.0 feet. PID = 0PID = 0TPH = 26

ed by	OCD: 8	/3/2022 4:15:3	4 PM					Page 63 of 2
Souder, Miller & Associates 3500 Sedona Hills Parkway Las Cruces, NM 88011 Telephone: 575-647-0799 Fax: 575-647-0680						BORING NUMBER BH-10 PAGE 1 OF 2		
CLIEN	IT Enterr					PROJECT NAME _ A-18 Lateral		
CLIENT _Enterprise Field Services PROJECT NUMBER _5E29921								Mexico
								HOLE SIZE 2-inches to 7.25-inches
								<u> </u>
					Coring			
					ED BY HW			
NOTE	S Boreho	ole collapsed at 40	feet.					
O DEPTH	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG		MAT	ERIAL DESCRIPTION		WELL DIAGRAM
5 10	× ss	PID = 0		10.0	light gray gravel and cob staining	ind with gravel, trace cobbles, brown bles, dry to slightly moist, no odor, n	o	
 15	× ss	PID = 0 TPH = <62 PID = 0 TPH = <67	× × × × × × × × × × × × × × × × × × ×		siltstone, dry to slightly n	th Siltstone, light gray dolomite with noist, no odor, no staining, vugs ofte orox. 0.5 to 1 foot in thickness at 1 to	n 1 to 5	
20	⊠(ss.)	PID = 0	X X X X X X X X X X X X X X X X X X X					
 25			× × × × × × × × × × × × × × × × × × ×					

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Souder, Miller & Associates Las Cruces, NM 88011

BORING NUMBER BH-10

3500 Sedona Hills Parkway PAGE 2 OF 2 Telephone: 575-647-0799 Fax: 575-647-0680 CLIENT Enterprise Field Services PROJECT NAME A-18 Lateral PROJECT LOCATION Eddy County, New Mexico PROJECT NUMBER 5E29921 ENVIRONMENTAL DATA SAMPLE TYPE NUMBER GRAPHIC LOG DEPTH (ft) MATERIAL DESCRIPTION WELL DIAGRAM ≤ ss PID = 0Dolomite interbedded with Siltstone, light gray dolomite with tan siltstone, dry to slightly moist, no odor, no staining, vugs often 1 to 5 mm in size in lenses approx. 0.5 to 1 foot in thickness at 1 to 3 foot intervals throughout. (continued) 30 SS RC RC PID = 0PID = 0TPH = <67 RC PID = 0RC PID = 0PID = 0PID = 0RC RC RC RC PID = 0ENVIRONMENTAL BH - GINT STD US.GDT - 3/8/22 14:03 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINTCL\PROJECTS\GINT STD US.GPJ PID = 0PID = 035.0 RC Dolomite interbedded with Siltstone, light gray dolomite with tan TPH = <61 siltstone, dry to slightly moist, no odor, no staining, vugs less PID = 0common and typically 1 to 3 mm, occasionally as much as 5mm. PID = 0RC RC RC PID = 0PID = 0RC PID = 0RC RC PID = 0RC RC RC PID = 0PID = 040 40.0 PID = 0Bottom of borehole at 40.0 feet. PID = 0 TPH = <59

ved by	OCD: 8	2/3/2022 4:15:3	34 PM			Page 65 of 2
Enginee	Sirveying	3500 Se Las Crud Telephol	Miller & Associationa Hills Par ces, NM 8801 ne: 575-647-05-647-0680	rkway 1	BORI	NG NUMBER BH-11 PAGE 1 OF 2
CLIEN	NT Enterp				PROJECT NAME A-18 Lateral	
1					PROJECT LOCATION Eddy County, Nev	
					GROUND ELEVATION	
DRILI	LING CON	TRACTOR Envir	ro-Drill, Inc.		GROUND WATER LEVELS:	
DRILI	LING MET	HOD Hollow Ste	m Auger/Rock	Coring/Air Rotary	AT TIME OF DRILLING	
LOGG	GED BY _	HW	CHEC	KED BY HW	AT END OF DRILLING	
NOTE	ES				AFTER DRILLING	
O DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MA	ATERIAL DESCRIPTION	WELL DIAGRAM
 	-			(SC-SM) Clayey Silty S light gray gravel and co staining	Sand with gravel, trace cobbles, brown with obbles, dry to slightly moist, no odor, no	
5 	× ss	PID = 1.7	××××××××××××××××××××××××××××××××××××××	Dolomite interbedded v siltstone, dry to slightly fractures and vugs, vu	with Siltstone, light gray dolomite with tan moist, no odor, no staining to discoloration in gs often 1 to 5 mm in size in lenses approx. ss at 1 to 3 foot intervals throughout.	
 10 -	× ss	PID = 1.7	× ×			
 15	× ss	PID = 4.2 TPH = <68	× × × × × × × × × × × × × × × × × × ×			
	× ss	PID = 1.0 TPH = <67	X X X X X X X X X X X X X X X X X X X			
 25	-					



BORING NUMBER BH-11

3500 Sedona Hills Parkway PAGE 2 OF 2 Las Cruces, NM 88011 Telephone: 575-647-0799 Fax: 575-647-0680 PROJECT NAME A-18 Lateral CLIENT Enterprise Field Services PROJECT NUMBER 5E29921 PROJECT LOCATION Eddy County, New Mexico ENVIRONMENTAL DATA SAMPLE TYPE NUMBER GRAPHIC LOG DEPTH (ft) MATERIAL DESCRIPTION WELL DIAGRAM XSS PID = 1.5 Dolomite interbedded with Siltstone, light gray dolomite with tan siltstone, dry to slightly moist, no odor, no staining to discoloration in fractures and vugs, vugs often 1 to 5 mm in size in lenses approx. 0.5 to 1 foot in thickness at 1 to 3 foot intervals throughout. (continued) 30 PID = 0RC RC PID = 0RC RC PID = 0TPH = <59 RC PID = 0RC PID = 0RC ENVIRONMENTAL BH - GINT STD US.GDT - 3/8/22 14:03 - C./USERS/PUBLIC/DOCUMENTS/BENTLEY/GINTCL/PROJECTS/GINT STD US.GPJ PID = 0RC 35 PID = 0RC RC PID = 0RC TPH = <61 PID = 0 PID = 0PID = 0RC PID = 24.0 TPH = 620 40 40.0 PID = 18.1 Dolomite interbedded with Siltstone, light gray dolomite with tan siltstone, dry to slightly moist, no odor, no staining, vugs less TPH = 240 common and typically 1 to 3 mm, occasionally as much as 5mm. RC 45 PID = 3.5 TPH = 197 RC 50 Bottom of borehole at 50.0 feet.

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Souder, Miller & Associates 3500 Sedona Hills Parkway Las Cruces, NM 88011 Telephone: 575-647-0799 Fax: 575-647-0680	BORING NUMBER BH-12 PAGE 1 OF 3
CLIENT Enterprise Field Services	PROJECT NAME _A-18 Lateral
	PROJECT LOCATION Eddy County, New Mexico
	22 GROUND ELEVATION HOLE SIZE 2-inches to 7.25-inches
DRILLING CONTRACTOR Enviro-Drill, Inc.	
DRILLING METHOD Hollow Stem Auger/Rock Coring	
LOGGED BY HW CHECKED BY HW	
NOTES	AFTER DRILLING
SAMPLE TYPE NUMBER NUMBER DATA GRAPHIC LOG	MATERIAL DESCRIPTION WELL DIAGRAM
(SC-SM) C	layey Silty Sand with gravel, trace cobbles, brown with ravel and cobbles, dry to slightly moist, no odor, no
	terbedded with Siltstone, light gray dolomite with tan ry to slightly moist, no odor, no staining, vugs often 1 to 5 in lenses approx. 0.5 to 1 foot in thickness at 1 to 3 foot roughout.
10.0 SS PID = 2.0	

ENVIRONMENTAL BH - GINT STD US.GDT - 3/8/22 14:22 - C:USERS/PUBLIC/DOCUMENTS/BENTLEY/GINTCL/PROJECTS/GINT STD US.GPJ



Souder, Miller & Associates 3500 Sedona Hills Parkway Las Cruces, NM 88011 Telephone: 575-647-0799 Fax: 575-647-0680

BORING NUMBER BH-12

PAGE 2 OF 3

CLIENT Enterprise Field Services	PROJECT NAME A-18 Lateral		
PROJECT NUMBER 5E29921	PROJECT LOCATION Eddy County, New Mexico		

PRO	PROJECT NUMBER 5E29921			PROJECT LOCATION _Eddy County, New Mexico			
DEPTH	SAMP	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM		
- - - 17.5	ss	PID = 1.7 TPH = 28	**************************************	Dolomite interbedded with Siltstone, light gray dolomite with tan siltstone, dry to slightly moist, no odor, no staining, vugs often 1 to 5 mm in size in lenses approx. 0.5 to 1 foot in thickness at 1 to 3 foot intervals throughout. (continued)			
ENVIRONMENTAL BH - GINT STD US.GDT - 3/8/22 14:22 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\G\INTCL\PROJECTS\G\INT STD US.GPJ C C C C C C C C C	SS RC RC RC RC RC RC RC RC RC	PID = 0 PID = 0 PID = 0.7 PID = 0.7 TPH = <62 PID = 0 PID = 0 PID = 0 PID = 0 PID = 0 PID = 0.3	\(\cdot\) \(\cdo				



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

BORING NUMBER BH-12

PAGE 3 OF 3 Telephone: 575-647-0799 Fax: 575-647-0680 CLIENT Enterprise Field Services PROJECT NAME A-18 Lateral PROJECT LOCATION Eddy County, New Mexico PROJECT NUMBER 5E29921 ENVIRONMENTAL DATA SAMPLE TYPE NUMBER GRAPHIC LOG DEPTH (ft) MATERIAL DESCRIPTION WELL DIAGRAM RC Dolomite interbedded with Siltstone, light gray dolomite with tan 32.5 siltstone, dry to slightly moist, no odor, no staining, vugs often 1 to 5 PID = 0.4RC mm in size in lenses approx. 0.5 to 1 foot in thickness at 1 to 3 foot intervals throughout. (continued) PID = 0.2 RC PID = 0.2 RC RC PID = 0.5 PID = 0.5RC 35.0 RC PID = 0.6 RC PID = 0.8TPH = <65 RC PID = 0 PID = 0.7 RC 37.5 RC PID = 0.8 ENVIRONMENTAL BH - GINT STD US.GDT - 3/8/22 14:22 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINTCL\PROJECTS\GINT STD US.GPJ PID = 0RC PID = 0.8 RC TPH = <67 RC PID = 0.4 PID = 0.5RC 40.0 40.0 RC PID = 0Dolomite interbedded with Siltstone, light gray dolomite with tan RC PID = 0siltstone, dry to slightly moist, no odor, no staining, vugs less common and typically 1 to 3 mm, occasionally as much as 5mm. PID = 0.5RC PID = 0RC RC PID = 0TPH = <63 RC PID = 0 42.5 RC PID = 0RC RC PID = 0RC PID = 0RC PID = 0PID = 0RC PID = 0Bottom of borehole at 44.0 feet. PID = 0TPH = <59

APPENDIX F PHOTOGRAPH LOG

Photograph Log A-18 Lateral Enterprise Field Services LLC



Photograph #1

Client: Enterprise Field Services

Site Name:

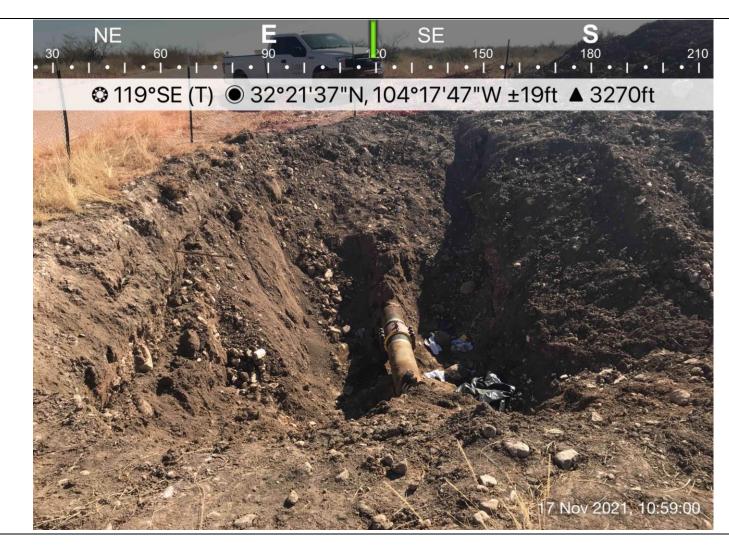
A-18 Lateral

Date Photo Taken: November 17, 2021

Release Location: N32.360476, W104.29649

J-Sec 28-T22S-R26E Eddy County, New Mexico

Photo Taken by: Pat Braley



Description: Facing southeast, view of the repair excavation on November 17, 2021.

Photograph Log A-18 Lateral Enterprise Field Services LLC



Photograph #2

Client: Enterprise Field Services

Site Name:

A-18 Lateral

Date Photo Taken: November 17, 2021

Release Location: N32.360476, W104.29649

J-Sec 28-T22S-R26E Eddy County, New Mexico

Photo Taken by: Pat Braley

SE SW

Description: Facing south-southwest, view of the repair excavation on November 17, 2021.



Photograph #3

Client: Enterprise Field Services

Site Name:

A-18 Lateral

Date Photo Taken: November 22, 2021

Release Location: N32.360476, W104.29649

J-Sec 28-T22S-R26E Eddy County, New Mexico

Photo Taken by: Pat Braley N NE

Description: Facing east, view of the excavation on November 22, 2021.



Photograph #4

Client: Enterprise Field Services

Site Name:

A-18 Lateral

Date Photo Taken: November 22, 2021

Release Location: N32.360476, W104.29649

J-Sec 28-T22S-R26E Eddy County, New Mexico

Photo Taken by: Pat Braley

SE SW

Description: Facing southeast, view of the excavation on November 22, 2021.



Photograph #5

Client: Enterprise Field Services

Site Name:

A-18 Lateral

Date Photo Taken: December 2, 2021

Release Location: N32.360476, W104.29649

J-Sec 28-T22S-R26E Eddy County, New Mexico

Photo Taken by: Pat Braley

SE SW

Description: Facing southwest, view of the excavation and sampling locations on December 2, 2021.



Photograph #6

Client: Enterprise Field Services

Site Name:

A-18 Lateral

Date Photo Taken: February 10, 2022

Release Location: N32.360476, W104.29649

J-Sec 28-T22S-R26E Eddy County, New Mexico

Photo Taken by: Sarahmay Schlea **North East Elevation**



Description: Facing southwest, view of the Geoprobe rig on February 10, 2022.



Photograph #7

Client: Enterprise Field Services

Site Name:

A-18 Lateral

Date Photo Taken: April 5, 2022

Release Location: N32.360476, W104.29649

J-Sec 28-T22S-R26E Eddy County, New Mexico

Photo Taken by: Sarahmay Schlea **East Elevation**



Description: Facing west, view of the sonic Geoprobe rig on April 5, 2022.



Photograph #8

Client: Enterprise Field Services

Site Name:

A-18 Lateral

Date Photo Taken: July 13, 2022

Release Location: N32.360476, W104.29649

J-Sec 28-T22S-R26E Eddy County, New Mexico

Photo Taken by: Heather Woods



Description: Facing northwest, view of the truck-mounted drill rig on July 13, 2022.



Photograph #9

Client: Enterprise Field Services

Site Name:

A-18 Lateral

Date Photo Taken: July 13, 2022

Release Location: N32.360476, W104.29649

J-Sec 28-T22S-R26E Eddy County, New Mexico

Photo Taken by: Heather Woods UTC: 2022.07.13T16:36:20Z Lat, Lon: 32.36051, -104.296454 Alt: 967m MSL WGS84 CEP 14m SW

Description: Facing west-northwest, view of the truck-mounted drill rig on July 13, 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: clients.hallenvironmental.com

December 06, 2021

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

RE: A 18 Lateral Pipeline OrderNo.: 2111C00

Dear Ashley Maxwell:

Hall Environmental Analysis Laboratory received 8 sample(s) on 11/24/2021 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

andel

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 12/6/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: BS 1-N @ 12

 Project:
 A 18 Lateral Pipeline
 Collection Date: 11/22/2021 12:10:00 PM

 Lab ID:
 2111C00-001
 Matrix: SOIL
 Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: MRA
Chloride	86	60		mg/Kg	20	12/1/2021 11:45:41 AM	64243
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst	: SB
Diesel Range Organics (DRO)	3200	170		mg/Kg	20	12/1/2021 3:20:20 PM	64182
Motor Oil Range Organics (MRO)	ND	840	D	mg/Kg	20	12/1/2021 3:20:20 PM	64182
Surr: DNOP	0	70-130	S	%Rec	20	12/1/2021 3:20:20 PM	64182
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: mb
Gasoline Range Organics (GRO)	9200	470		mg/Kg	100	12/1/2021 12:01:00 PM	64162
Surr: BFB	200	70-130	S	%Rec	100	12/1/2021 12:01:00 PM	64162
EPA METHOD 8021B: VOLATILES						Analyst	: mb
Benzene	12	0.12		mg/Kg	5	12/1/2021 1:43:00 AM	64162
Toluene	81	4.7		mg/Kg	100	12/1/2021 12:01:00 PM	64162
Ethylbenzene	34	4.7		mg/Kg	100	12/1/2021 12:01:00 PM	64162
Xylenes, Total	240	9.4		mg/Kg	100	12/1/2021 12:01:00 PM	64162
Surr: 4-Bromofluorobenzene	148	70-130	S	%Rec	100	12/1/2021 12:01:00 PM	64162

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

Page 1 of 16

Date Reported: 12/6/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: BS 2-S @ 13'

 Project:
 A 18 Lateral Pipeline
 Collection Date: 11/22/2021 12:35:00 PM

 Lab ID:
 2111C00-002
 Matrix: SOIL
 Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: MRA
Chloride	800	60		mg/Kg	20	12/1/2021 12:22:43 PM	64243
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS					Analyst	: SB
Diesel Range Organics (DRO)	3600	200		mg/Kg	20	12/1/2021 3:09:44 PM	64182
Motor Oil Range Organics (MRO)	ND	990	D	mg/Kg	20	12/1/2021 3:09:44 PM	64182
Surr: DNOP	0	70-130	S	%Rec	20	12/1/2021 3:09:44 PM	64182
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: mb
Gasoline Range Organics (GRO)	13000	460		mg/Kg	100	12/1/2021 12:41:00 PM	64162
Surr: BFB	204	70-130	S	%Rec	100	12/1/2021 12:41:00 PM	64162
EPA METHOD 8021B: VOLATILES						Analyst	: mb
Benzene	22	0.12		mg/Kg	5	12/1/2021 2:02:00 AM	64162
Toluene	210	4.6		mg/Kg	100	12/1/2021 12:41:00 PM	64162
Ethylbenzene	56	4.6		mg/Kg	100	12/1/2021 12:41:00 PM	64162
Xylenes, Total	420	9.3		mg/Kg	100	12/1/2021 12:41:00 PM	64162
Surr: 4-Bromofluorobenzene	151	70-130	S	%Rec	100	12/1/2021 12:41:00 PM	64162

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

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Date Reported: 12/6/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: SWN-3 @ 0-12'

 Project:
 A 18 Lateral Pipeline
 Collection Date: 11/22/2021 12:15:00 PM

 Lab ID:
 2111C00-003
 Matrix: SOIL
 Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	MRA
Chloride	ND	60		mg/Kg	20	12/1/2021 12:35:04 PM	64243
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst	: SB
Diesel Range Organics (DRO)	470	9.7		mg/Kg	1	12/1/2021 2:59:09 PM	64182
Motor Oil Range Organics (MRO)	63	48		mg/Kg	1	12/1/2021 2:59:09 PM	64182
Surr: DNOP	121	70-130		%Rec	1	12/1/2021 2:59:09 PM	64182
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: mb
Gasoline Range Organics (GRO)	340	24		mg/Kg	5	12/1/2021 1:20:00 PM	64162
Surr: BFB	184	70-130	S	%Rec	5	12/1/2021 1:20:00 PM	64162
EPA METHOD 8021B: VOLATILES						Analyst	: mb
Benzene	ND	0.12		mg/Kg	5	12/1/2021 1:20:00 PM	64162
Toluene	ND	0.24		mg/Kg	5	12/1/2021 1:20:00 PM	64162
Ethylbenzene	0.59	0.24		mg/Kg	5	12/1/2021 1:20:00 PM	64162
Xylenes, Total	3.3	0.47		mg/Kg	5	12/1/2021 1:20:00 PM	64162
Surr: 4-Bromofluorobenzene	148	70-130	S	%Rec	5	12/1/2021 1:20:00 PM	64162

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

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Date Reported: 12/6/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: SWE-4 @ 0-12.5'

 Project:
 A 18 Lateral Pipeline
 Collection Date: 11/22/2021 1:00:00 PM

 Lab ID:
 2111C00-004
 Matrix: SOIL
 Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	MRA
Chloride	340	60		mg/Kg	20	12/1/2021 2:43:51 PM	64243
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Analyst	: SB
Diesel Range Organics (DRO)	1000	92		mg/Kg	10	12/1/2021 3:30:53 PM	64182
Motor Oil Range Organics (MRO)	ND	460	D	mg/Kg	10	12/1/2021 3:30:53 PM	64182
Surr: DNOP	0	70-130	S	%Rec	10	12/1/2021 3:30:53 PM	64182
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	1100	24		mg/Kg	5	11/29/2021 4:03:43 PM	64166
Surr: BFB	814	70-130	S	%Rec	5	11/29/2021 4:03:43 PM	64166
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	0.35	0.12		mg/Kg	5	11/29/2021 4:03:43 PM	64166
Toluene	9.6	0.24		mg/Kg	5	11/29/2021 4:03:43 PM	64166
Ethylbenzene	3.8	0.24		mg/Kg	5	11/29/2021 4:03:43 PM	64166
Xylenes, Total	40	0.48		mg/Kg	5	11/29/2021 4:03:43 PM	64166
Surr: 4-Bromofluorobenzene	127	70-130		%Rec	5	11/29/2021 4:03:43 PM	64166

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

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Date Reported: 12/6/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: SWS-5 @ 0-13'

 Project:
 A 18 Lateral Pipeline
 Collection Date: 11/22/2021 12:55:00 PM

 Lab ID:
 2111C00-005
 Matrix: SOIL
 Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	MRA
Chloride	ND	60		mg/Kg	20	12/1/2021 2:56:12 PM	64243
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst	: SB
Diesel Range Organics (DRO)	1400	95		mg/Kg	10	12/1/2021 3:41:29 PM	64182
Motor Oil Range Organics (MRO)	ND	480	D	mg/Kg	10	12/1/2021 3:41:29 PM	64182
Surr: DNOP	0	70-130	S	%Rec	10	12/1/2021 3:41:29 PM	64182
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	1300	24		mg/Kg	5	11/29/2021 5:14:11 PM	64166
Surr: BFB	842	70-130	S	%Rec	5	11/29/2021 5:14:11 PM	64166
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	0.65	0.12		mg/Kg	5	11/29/2021 5:14:11 PM	64166
Toluene	19	0.24		mg/Kg	5	11/29/2021 5:14:11 PM	64166
Ethylbenzene	5.6	0.24		mg/Kg	5	11/29/2021 5:14:11 PM	64166
Xylenes, Total	55	4.7		mg/Kg	50	11/30/2021 3:04:04 PM	64166
Surr: 4-Bromofluorobenzene	133	70-130	S	%Rec	5	11/29/2021 5:14:11 PM	64166

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

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Date Reported: 12/6/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: SWW-6 @ 0-12.5'

 Project:
 A 18 Lateral Pipeline
 Collection Date: 11/22/2021 12:22:00 PM

 Lab ID:
 2111C00-006
 Matrix: SOIL
 Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	:: MRA
Chloride	ND	60		mg/Kg	20	12/1/2021 3:08:33 PM	64243
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS					Analyst	: BRM
Diesel Range Organics (DRO)	200	9.4		mg/Kg	1	11/30/2021 5:58:54 PM	64182
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/30/2021 5:58:54 PM	64182
Surr: DNOP	88.3	70-130		%Rec	1	11/30/2021 5:58:54 PM	64182
EPA METHOD 8015D: GASOLINE RANGE						Analyst	:: NSB
Gasoline Range Organics (GRO)	650	24		mg/Kg	5	11/29/2021 6:24:09 PM	64166
Surr: BFB	545	70-130	S	%Rec	5	11/29/2021 6:24:09 PM	64166
EPA METHOD 8021B: VOLATILES						Analyst	:: NSB
Benzene	ND	0.12		mg/Kg	5	11/29/2021 6:24:09 PM	64166
Toluene	0.26	0.24		mg/Kg	5	11/29/2021 6:24:09 PM	64166
Ethylbenzene	ND	0.24		mg/Kg	5	11/29/2021 6:24:09 PM	64166
Xylenes, Total	16	0.49		mg/Kg	5	11/29/2021 6:24:09 PM	64166
Surr: 4-Bromofluorobenzene	112	70-130		%Rec	5	11/29/2021 6:24:09 PM	64166

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

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Date Reported: 12/6/2021

Hall Environmental Analysis Laboratory, Inc.

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

 Project:
 A 18 Lateral Pipeline
 Collection Date: 11/22/2021 1:30:00 PM

 Lab ID:
 2111C00-007
 Matrix: SOIL
 Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: MRA
Chloride	300	60		mg/Kg	20	12/1/2021 3:45:35 PM	64243
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS					Analyst	: SB
Diesel Range Organics (DRO)	1600	96		mg/Kg	10	12/1/2021 3:52:02 PM	64182
Motor Oil Range Organics (MRO)	ND	480	D	mg/Kg	10	12/1/2021 3:52:02 PM	64182
Surr: DNOP	0	70-130	S	%Rec	10	12/1/2021 3:52:02 PM	64182
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	3100	96		mg/Kg	20	11/29/2021 6:47:33 PM	64166
Surr: BFB	644	70-130	S	%Rec	20	11/29/2021 6:47:33 PM	64166
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	0.88	0.48		mg/Kg	20	11/29/2021 6:47:33 PM	64166
Toluene	18	0.96		mg/Kg	20	11/29/2021 6:47:33 PM	64166
Ethylbenzene	7.5	0.96		mg/Kg	20	11/29/2021 6:47:33 PM	64166
Xylenes, Total	120	1.9		mg/Kg	20	11/29/2021 6:47:33 PM	64166
Surr: 4-Bromofluorobenzene	119	70-130		%Rec	20	11/29/2021 6:47:33 PM	64166

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

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Date Reported: 12/6/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: BG8

 Project:
 A 18 Lateral Pipeline
 Collection Date: 11/22/2021 11:35:00 AM

 Lab ID:
 2111C00-008
 Matrix: SOIL
 Received Date: 11/24/2021 7:43:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	ND	60	mg/Kg	20	12/1/2021 3:57:55 PM	64243
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	11/30/2021 6:47:33 PM	64182
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	11/30/2021 6:47:33 PM	64182
Surr: DNOP	84.9	70-130	%Rec	1	11/30/2021 6:47:33 PM	64182
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	11/29/2021 10:33:04 AM	l 64166
Surr: BFB	99.5	70-130	%Rec	1	11/29/2021 10:33:04 AM	l 64166
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.025	mg/Kg	1	11/29/2021 10:33:04 AM	64166
Toluene	0.075	0.049	mg/Kg	1	11/29/2021 10:33:04 AM	l 64166
Ethylbenzene	ND	0.049	mg/Kg	1	11/29/2021 10:33:04 AM	I 64166
Xylenes, Total	0.12	0.099	mg/Kg	1	11/29/2021 10:33:04 AM	I 64166
Surr: 4-Bromofluorobenzene	99.1	70-130	%Rec	1	11/29/2021 10:33:04 AM	l 64166

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 Quantitative Limit
- S $\,$ % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2111C00**

06-Dec-21

Client: Souder, Miller & Associates

Project: A 18 Lateral Pipeline

Sample ID: MB-64243 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 64243 RunNo: 83213

Prep Date: 12/1/2021 Analysis Date: 12/1/2021 SeqNo: 2957107 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-64243 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 64243 RunNo: 83213

Prep Date: 12/1/2021 Analysis Date: 12/1/2021 SeqNo: 2957108 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 91.8 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 Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: 2111C00

06-Dec-21

Client: Souder, Miller & Associates **Project:** A 18 Lateral Pipeline

Sample ID: LCS-64182	SampT	ype: LC	S	Tes	TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: LCSS	Batch	n I D: 64 1	182	RunNo: 83166						
Prep Date: 11/29/2021	Analysis Date: 11/30/2021			5	SeqNo: 2954832 Units: mg/Kg			g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	10	50.00	0	87.7	68.9	135			
Surr: DNOP	4.4		5.000		88.6	70	130			
earr. Bittor										
Sample ID: MB-64182	SampT	уре: МЕ	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
	•	ype: ME			tCode: EF RunNo: 8 ;		8015M/D: Die	sel Range	Organics	
Sample ID: MB-64182	•	n I D: 64 1		F		3166	8015M/D: Die	J	Organics	
Sample ID: MB-64182 Client ID: PBS	Batch	n I D: 64 1	182	F	RunNo: 8	3166		J	Organics RPDLimit	Qual
Sample ID: MB-64182 Client ID: PBS Prep Date: 11/29/2021	Batch Analysis D	n ID: 64 1 Date: 11	182 /30/2021	F	RunNo: 8; SeqNo: 29	3166 954833	Units: mg/K	g	Ū	Qual
Sample ID: MB-64182 Client ID: PBS Prep Date: 11/29/2021 Analyte	Batch Analysis D Result	n ID: 64 1 Date: 11 PQL	182 /30/2021	F	RunNo: 8; SeqNo: 29	3166 954833	Units: mg/K	g	Ū	Qual

Sample ID:	LCS-64215	SampTy	/pe: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics		
Client ID:	LCSS	Batch	ID: 642	215	F	RunNo: 8	3211					
Prep Date:	11/30/2021	Analysis Da	ate: 12	2/2/2021	5	SeqNo: 29	956906	Units: %Rec				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Surr: DNOP		3.9		5.000		78.4	70	130				

Sample ID: LCS-64225	SampType: LCS	TestCode: EPA Method	8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 64225	RunNo: 83211	
Prep Date: 11/30/2021	Analysis Date: 12/1/2021	SeqNo: 2956908	Units: %Rec
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual
Surr: DNOP	4.5 5.000	89.3 70	130

Sample ID: LCS-64239	SampType: LCS	Te	estCode: EPA Method	l 8015M/D: Dies	sel Range	Organics	
Client ID: LCSS	Batch ID: 64239		RunNo: 83211				
Prep Date: 12/1/2021	Analysis Date: 12/1/2	2021	SeqNo: 2956909	Units: %Rec			
Analyte	Result PQL S	PK value SPK Ref Va	I %REC LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	3.8	5.000	76.0 70	130			

Sample ID: MB-64225	SampType: MBLK	TestCode: EPA Method	l 8015M/D: Diesel Range Organics	
Client ID: PBS	Batch ID: 64225	RunNo: 83211		
Prep Date: 11/30/2021	Analysis Date: 12/1/2021	SeqNo: 2956911	Units: %Rec	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual	l
Surr: DNOP	10 10.00	104 70	130	

Surr: DNOF

Qualifiers:

- 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 ND
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference
- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RLReporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2111C00** *06-Dec-21*

Client: Souder, Miller & Associates

Project: A 18 Lateral Pipeline

Sample ID: MB-64239 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 64239 RunNo: 83211

Prep Date: 12/1/2021 Analysis Date: 12/1/2021 SeqNo: 2956912 Units: %Rec

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

Surr: DNOP 11 10.00 113 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 Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 11 of 16

Hall Environmental Analysis Laboratory, Inc.

WO#: **2111C00**

06-Dec-21

Client: Souder, Miller & Associates

Project: A 18 Lateral Pipeline

Sample ID: mb-64166 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Client ID: **PBS** Batch ID: 64166 RunNo: 83144 SeqNo: 2953865 Prep Date: 11/24/2021 Analysis Date: 11/29/2021 Units: mg/Kg Analyte **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qua Gasoline Range Organics (GRO) ND 5.0 Surr: BFB 1000 98.9 70 990 130

Sample ID: Ics-64166 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 64166 RunNo: 83144 Analysis Date: 11/29/2021 Prep Date: 11/24/2021 SeqNo: 2953866 Units: mg/Kg Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 22 5.0 25.00 89.1 78.6 131 Surr: BFB 1100 1000 111 130

Sample ID: 2111c00-004ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: Batch ID: 64166 SWE-4@0-12.5' RunNo: 83144 Prep Date: Analysis Date: 11/29/2021 SeqNo: 2953868 11/24/2021 Units: mg/Kg Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Analyte 1074 534 Gasoline Range Organics (GRO) 1200 25 24.53 61.3 114 S Surr: BFB 43000 4907 883 70 130 S

Sample ID: 2111c00-004amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range Client ID: SWE-4@0-12.5' Batch ID: 64166 RunNo: 83144 Prep Date: 11/24/2021 Analysis Date: 11/29/2021 SeqNo: 2953869 Units: mg/Kg SPK Ref Val %REC %RPD **RPDLimit** Result **PQL** SPK value LowLimit HighLimit Qual Gasoline Range Organics (GRO) 1300 24 1074 977 61.3 114 20 S 8.44 Surr: BFB S 47000 4854 969 70 0 130 n

SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Sample ID: mb-64218 Client ID: Batch ID: 64218 RunNo: 83219 Prep Date: 11/30/2021 Analysis Date: 12/1/2021 SeqNo: 2956659 Units: %Rec %RPD Analyte SPK value SPK Ref Val %REC HighLimit **RPDLimit** Qual Result LowLimit Surr: BFB 970 1000 97.0 130

Sample ID: mb-64222 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Client ID: **PBS** Batch ID: 64222 RunNo: 83219 Prep Date: 11/30/2021 Analysis Date: 12/1/2021 SeqNo: 2956660 Units: %Rec Analyte **PQL** SPK value SPK Ref Val %REC %RPD **RPDLimit** Qual Result LowLimit HighLimit 980 Surr: BFB 1000 97.9 70 130

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2111C00 06-Dec-21**

Client: Souder, Miller & Associates
Project: A 18 Lateral Pipeline

Sample ID: Ics-64218 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 64218 RunNo: 83219

Prep Date: 11/30/2021 Analysis Date: 12/1/2021 SeqNo: 2956661 Units: %Rec

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

Surr: BFB 1100 1000 113 70 130

Sample ID: Ics-64222 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 64222 RunNo: 83219

Prep Date: 11/30/2021 Analysis Date: 12/1/2021 SeqNo: 2956662 Units: %Rec

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

Surr: BFB 1100 1000 108 70 130

Sample ID: mb-64246 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 64246 RunNo: 83244

Prep Date: 12/1/2021 Analysis Date: 12/2/2021 SeqNo: 2958009 Units: %Rec

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

Surr: BFB 950 1000 94.7 70 130

Sample ID: Ics-64246 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 64246 RunNo: 83244

Prep Date: 12/1/2021 Analysis Date: 12/2/2021 SeqNo: 2958020 Units: %Rec

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

Surr: BFB 1100 1000 112 70 130

Sample ID: mb-64162 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 64162 RunNo: 83244

Prep Date: 11/24/2021 Analysis Date: 12/2/2021 SeqNo: 2958030 Units: mg/Kg

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

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 940 1000 94.3 70 130

Sample ID: Ics-64162 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 64162 RunNo: 83244

Prep Date: 11/24/2021 Analysis Date: 12/2/2021 SeqNo: 2958032 Units: mg/Kg

Result **PQL** SPK value SPK Ref Val %REC LowLimit %RPD **RPDLimit** Qual Analyte HighLimit 24 5.0 25.00 94.5 78.6 131

 Gasoline Range Organics (GRO)
 24
 5.0
 25.00
 0
 94.5
 78.6
 131

 Surr: BFB
 1000
 1000
 102
 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 Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2111C00**

06-Dec-21

Client: Souder, Miller & Associates

Project: A 18 Lateral Pipeline

Sample ID: mb-64166 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: 64166 RunNo: 83144

Prep Date: 11/24/2021 Analysis Date: 11/29/2021 SeqNo: 2953909 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Benzene ND 0.025

 Toluene
 ND
 0.050

 Ethylbenzene
 ND
 0.050

 Xylenes, Total
 ND
 0.10

Surr: 4-Bromofluorobenzene 0.99 1.000 98.7 70 130

SampType: LCS Sample ID: LCS-64166 TestCode: EPA Method 8021B: Volatiles Client ID: LCSS Batch ID: 64166 RunNo: 83144 Prep Date: 11/24/2021 Analysis Date: 11/29/2021 SeqNo: 2953910 Units: mg/Kg %RPD **RPDLimit** Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit Qual 0.96 0.025 1.000 0 96.0 80 120 Benzene Toluene 0.94 0.050 1.000 0 94.2 80 120 Ethylbenzene 0.94 0.050 1.000 0 94.2 80 120 Xylenes, Total 2.8 0.10 3.000 0 94.8 80 120 103 Surr: 4-Bromofluorobenzene 1.0 1.000 70 130

Sample ID: 2111c00-005ams SampType: MS TestCode: EPA Method 8021B: Volatiles

Client ID: SWS-5 @ 0-13' Batch ID: 64166 RunNo: 83144

Prep Date: 11/24/2021 Analysis Date: 11/29/2021 SeqNo: 2953913 Units: mg/Kg

%REC %RPD **RPDLimit** Result **PQL** SPK value SPK Ref Val HighLimit Qual Analyte LowLimit Benzene 1.5 0.12 0.9823 0.6482 85.8 80 120 0.9823 -81.1 80 S Toluene 18 0.25 18.89 120 S Ethylbenzene 6.2 0.25 0.9823 5.560 68.0 80 120 S Xylenes, Total 60 0.49 2.947 59.76 -6.98 80 120 Surr: 4-Bromofluorobenzene 6.4 4.912 130 70 130

Sample ID: 2111c00-005amsd SampType: MSD TestCode: EPA Method 8021B: Volatiles

Client ID: SWS-5 @ 0-13' Batch ID: 64166 RunNo: 83144

Prep Date: 11/24/2021	Analysis D	Date: 11	/29/2021	5	SeqNo: 29	953914	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.4	0.12	0.9960	0.6482	76.9	80	120	5.32	20	S
Toluene	16	0.25	0.9960	18.89	-264	80	120	10.7	20	S
Ethylbenzene	5.5	0.25	0.9960	5.560	-3.19	80	120	11.9	20	S
Xylenes, Total	53	0.50	2.988	59.76	-219	80	120	11.2	20	S
Surr: 4-Bromofluorobenzene	6.3		4.980		126	70	130	0	0	

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

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

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2111C00**

06-Dec-21

Client: Souder, Miller & Associates
Project: A 18 Lateral Pipeline

Sample ID: mb-64162	Samp ⁻	Гуре: МЕ	BLK	Tes	tCode: EF	PA Method	8021B: Volati	iles		
Client ID: PBS	Batc	h I D: 64 1	162	F	RunNo: 8	3160				
Prep Date: 11/24/2021	Analysis [Date: 11	/30/2021	5	SeqNo: 29	955312	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	0.89		1.000		88.7	70	130			
Sample ID: Ics-64162	Samp ⁻	Гуре: LC	s	Tes	tCode: El	PA Method	8021B: Volati	les		
Client ID: LCSS	Batc	h I D: 64 1	162	F	RunNo: 8:	3160				
Prep Date: 11/24/2021	Analysis [Date: 11	/30/2021	5	SeqNo: 29	955313	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.81	0.025	1.000	0	81.0	80	120			
Toluene	0.84	0.050	1.000	0	83.9	80	120			
Ethylbenzene	0.87	0.050	1.000	0	86.9	80	120			
Xylenes, Total	2.6	0.10	3.000	0	86.0	80	120			
Surr: 4-Bromofluorobenzene	0.89		1.000		89.1	70	130			
Sample ID: mb-64218	Samp ⁻	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Volati	iles		
Sample ID: mb-64218 Client ID: PBS	•	Гуре: МЕ h I D: 642			tCode: EF RunNo: 8 ;		8021B: Volati	iles		

Sample ID: mb-64222	SampType:	MBLK	Tes	tCode: EF	A Method	8021B: Volatil	es		
Client ID: PBS	Batch ID:	64222	F	RunNo: 83	3219				
Prep Date: 11/30/2021	Analysis Date:	12/1/2021	5	SeqNo: 29	56708	Units: %Rec			
Analyte	Result PC	L SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.91	1.000		91.4	70	130			•

SPK value SPK Ref Val %REC

1.000

Sample ID: Ics-64218	SampType: LCS	TestCode: EPA Method 8021B: Volatiles	
Client ID: LCSS	Batch ID: 64218	RunNo: 83219	
Prep Date: 11/30/2021	Analysis Date: 12/1/2021	SeqNo: 2956709 Units: %Rec	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit C	Qual

Surr: 4-Bromofluorobenzene 0.93 1.000 92.7 70 130

PQL

Result

0.92

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix

Surr: 4-Bromofluorobenzene

- 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

LowLimit

91.7

HighLimit

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

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%RPD

RPDLimit

Qual

Hall Environmental Analysis Laboratory, Inc.

WO#: **2111C00**

06-Dec-21

Client: Souder, Miller & Associates

Project: A 18 Lateral Pipeline

Sample ID: Ics-64222 SampType: LCS TestCode: EPA Method 8021B: Volatiles

Client ID: LCSS Batch ID: 64222 RunNo: 83219

Prep Date: 11/30/2021 Analysis Date: 12/1/2021 SeqNo: 2956710 Units: %Rec

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

Surr: 4-Bromofluorobenzene 0.94 1.000 94.4 70 130

Sample ID: mb-64246 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: 64246 RunNo: 83244

Prep Date: 12/1/2021 Analysis Date: 12/2/2021 SeqNo: 2958021 Units: %Rec

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

Surr: 4-Bromofluorobenzene 0.91 1.000 91.4 70 130

Sample ID: Ics-64246 SampType: LCS TestCode: EPA Method 8021B: Volatiles

Client ID: LCSS Batch ID: 64246 RunNo: 83244

Prep Date: 12/1/2021 Analysis Date: 12/2/2021 SeqNo: 2958022 Units: %Rec

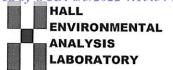
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

 Surr: 4-Bromofluorobenzene
 0.94
 1.000
 94.0
 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 Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

Sample Log-In Check List

Website: clients.hallenvironmental.com Client Name: Souder, Miller & Work Order Number: 2111C00 RcptNo: 1 **Associates** Received By: Cheyenne Cason 11/24/2021 7:43:00 AM エーの人 Completed By: Isaiah Ortiz 11/24/2021 8:06:55 AM Jn 4/24/21 Reviewed By: Chain of Custody 1. Is Chain of Custody complete? Yes 🗸 No 🗌 Not Present 2. How was the sample delivered? Courier Log In 3. Was an attempt made to cool the samples? No 🗌 Yes 🗸 NA 🗌 No 🗌 4. Were all samples received at a temperature of >0° C to 6.0°C Yes 🗸 NA 🗆 5. Sample(s) in proper container(s)? Yes 🗸 No \square 6. Sufficient sample volume for indicated test(s)? Yes 🗸 No 🗌 7. Are samples (except VOA and ONG) properly preserved? Yes 🗸 No 🗌 8. Was preservative added to bottles? Yes No 🗸 NA 🗌 9. Received at least 1 vial with headspace <1/4" for AQ VOA? No 🗌 NA 🗸 Yes 10. Were any sample containers received broken? Yes \square No 🗸 # of preserved bottles checked 11. Does paperwork match bottle labels? Yes 🗸 No 🗌 for pH: (Note discrepancies on chain of custody) 2 or >12 unless noted) 12. Are matrices correctly identified on Chain of Custody? Yes 🗸 No 🗌 13. Is it clear what analyses were requested? Yes 🗸 No 🗌 14. Were all holding times able to be met? Yes 🗸 No 🗌 Checked by: (II W/4 (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Yes No 🗌 NA V Person Notified: Date: By Whom: Via: eMail Phone Fax In Person Regarding: Client Instructions:

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.1	Good	Not Present			, , , , , , , , , , , , , , , , , , , ,
2	4.9	Good	Not Present			

If necessary, samples submitted to Hall Environmental may be subc	ived and and and and and and and and and an	Time: Relinquished by:	23 1440 / To F Mills	Time:	2022	4:15	5:34	PM 1135 1 3G	1330 512-7	1222 SWW-6@ 0-125'	1255 SWS-500 0-13'	1300 SWE-400-125	1215 SWN-360-12		11/22 1210 Soil BS 1-N@ 12.	Date, Time Matrix Sample Name T		□ EDD (Type) #	□ NELAC □ Other □	☐ Level 4 (Full Validation)	age:	email or Fax#:	Phone #:		Mailing Address:		DIMA CAMBOAS NI"	© Chain-of-Custody Record	
This serves as notice)	Received by: Via: V Date Time	Multiple of the state of the st					1 1 008	ф1	006	85	909	003	200	402,-1 GERAL 001	Container Preservative HEAL No. Type and # Type Z 1 1 COO	Cooler Temp(including CF): 4. タークライ.タ (°C)	# of Coolers: ~ 3.1-0>3.1	On Ice: Sy Yes O'No	O,	ASTICY MAXWELL	Project Manager:	3 N	Project #:	A-18 haterul pipeline	Froject Name:	↑ Standard □ Rush	Validation of David	Time Araind Time.
of this possibility. Any sub-contracted data will be clearly notated on the analytical report	16 505-320-8975		EMAIL- ASHLEY MAXWEL					*	3						*	TPH:80 8081 P EDB (M PAHs b RCRA 8 Ct) F, E 8260 (V 8270 (S Total C	15D estic lethony 83 8 Me BBr, 1 /OA	(GF cide cide 3310 stal NO ₃	RO / es/80 504.1 or 8 s s NO	DRO 82 P 1) 270S	/ MR CB's SIMS	604	Δnal	Tel. 505-345-3975	4901 Hawkins NE - Albuquerque, NM 87109	www.hallenvironmental.com	ANALYSIS LABORATORY	HALL ENVIRONMENTAL	

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Released to Imaging: 11/17/2022 2:49:26 PM

Report to:
Ashley Maxwell







5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

Analytical Report

Souder Miller & Associates

Project Name: A-1B LAT

Work Order: E112029

Job Number: 97057-0001

Received: 12/7/2021

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/12/21

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: 12/12/21

Ashley Maxwell 401 W. Broadway Farmington, NM 87401

Project Name: A-1B LAT Workorder: E112029

Date Received: 12/7/2021 3:35:00PM

Ashley Maxwell,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/7/2021 3:35:00PM, under the Project Name: A-1B LAT.

The analytical test results summarized in this report with the Project Name: A-1B LAT 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

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Sample Summary

Souder Miller & Associates	Project Name:	A-1B LAT	Donoutoda
401 W. Broadway	Project Number:	97057-0001	Reported:
Farmington NM, 87401	Project Manager:	Ashley Maxwell	12/12/21 10:20

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
HD-01@ 0"-2'	E112029-01A Soil	12/02/21	12/07/21	Glass Jar, 4 oz.
A-18-BS-01	E112029-02A Soil	12/02/21	12/07/21	Glass Jar, 4 oz.
A-18-BS-02	E112029-03A Soil	12/02/21	12/07/21	Glass Jar, 4 oz.
A-18-BS-03	E112029-04A Soil	12/02/21	12/07/21	Glass Jar, 4 oz.
A-18-BS-04	E112029-05A Soil	12/02/21	12/07/21	Glass Jar, 4 oz.
A-18-SSW-05	E112029-06A Soil	12/02/21	12/07/21	Glass Jar, 4 oz.



Souder Miller & Associates	Project Name:	A-1B LAT	
401 W. Broadway	Project Number:	97057-0001	Reported:
Farmington NM, 87401	Project Manager:	Ashley Maxwell	12/12/2021 10:20:55AM

HD-01@ 0''-2' E112029-01

		E112029-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2150022
Benzene	ND	0.0250	1	12/08/21	12/09/21	
Ethylbenzene	ND	0.0250	1	12/08/21	12/09/21	
Toluene	ND	0.0250	1	12/08/21	12/09/21	
o-Xylene	ND	0.0250	1	12/08/21	12/09/21	
o,m-Xylene	ND	0.0500	1	12/08/21	12/09/21	
Total Xylenes	ND	0.0250	1	12/08/21	12/09/21	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	12/08/21	12/09/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2150022
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/08/21	12/09/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	12/08/21	12/09/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2150019
Diesel Range Organics (C10-C28)	ND	25.0	1	12/08/21	12/09/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/08/21	12/09/21	
Surrogate: n-Nonane		111 %	50-200	12/08/21	12/09/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2150018
Chloride	ND	40.0	2	12/08/21	12/09/21	



Souder Miller & Associates	Project Name:	A-1B LAT	
401 W. Broadway	Project Number:	97057-0001	Reported:
Farmington NM, 87401	Project Manager:	Ashley Maxwell	12/12/2021 10:20:55AM

A-18-BS-03 E112029-04

		1112027 04				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2150022
Benzene	ND	0.0250	1	12/08/21	12/10/21	
Ethylbenzene	ND	0.0250	1	12/08/21	12/10/21	
oluene	0.0580	0.0250	1	12/08/21	12/10/21	
-Xylene	0.0258	0.0250	1	12/08/21	12/10/21	
o,m-Xylene	0.0567	0.0500	1	12/08/21	12/10/21	
Total Xylenes	0.0825	0.0250	1	12/08/21	12/10/21	
Surrogate: 4-Bromochlorobenzene-PID		99.6 %	70-130	12/08/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Analyst: RKS		Batch: 2150022	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/08/21	12/10/21	
urrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	12/08/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2150019
Diesel Range Organics (C10-C28)	ND	25.0	1	12/08/21	12/09/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/08/21	12/09/21	
Surrogate: n-Nonane		108 %	50-200	12/08/21	12/09/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2150018
Chloride	ND	20.0	1	12/08/21	12/09/21	



Souder Miller & Associates	Project Name:	A-1B LAT	
401 W. Broadway	Project Number:	97057-0001	Reported:
Farmington NM, 87401	Project Manager:	Ashley Maxwell	12/12/2021 10:20:55AM

A-18-BS-04 E112029-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2150022
Benzene	ND	0.0250	1	12/08/21	12/09/21	
Ethylbenzene	ND	0.0250	1	12/08/21	12/09/21	
Toluene	ND	0.0250	1	12/08/21	12/09/21	
o-Xylene	ND	0.0250	1	12/08/21	12/09/21	
p,m-Xylene	ND	0.0500	1	12/08/21	12/09/21	
Total Xylenes	ND	0.0250	1	12/08/21	12/09/21	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	12/08/21	12/09/21	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Analyst: RKS		Batch: 2150022	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/08/21	12/09/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	12/08/21	12/09/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2150019
Diesel Range Organics (C10-C28)	ND	25.0	1	12/08/21	12/09/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/08/21	12/09/21	
Surrogate: n-Nonane		108 %	50-200	12/08/21	12/09/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: IY		Batch: 2150018
Chloride	ND	20.0	1	12/08/21	12/09/21	



Souder Miller & Associates	Project Name:	A-1B LAT	
401 W. Broadway	Project Number:	97057-0001	Reported:
Farmington NM, 87401	Project Manager:	Ashley Maxwell	12/12/2021 10:20:55AM

A-18-SSW-05

E112029-06

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	Analy	Analyst: RKS		Batch: 2150022
Benzene	ND	0.0250	1	12/08/21	12/09/21	
Ethylbenzene	ND	0.0250	1	12/08/21	12/09/21	
Toluene	ND	0.0250	1	12/08/21	12/09/21	
o-Xylene	ND	0.0250	1	12/08/21	12/09/21	
p,m-Xylene	ND	0.0500	1	12/08/21	12/09/21	
Total Xylenes	ND	0.0250	1	12/08/21	12/09/21	
Surrogate: 4-Bromochlorobenzene-PID		99.0 %	70-130	12/08/21	12/09/21	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Analy	Analyst: RKS		Batch: 2150022
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/08/21	12/09/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	12/08/21	12/09/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	Analy	Analyst: RKS		Batch: 2150019
Diesel Range Organics (C10-C28)	ND	25.0	1	12/08/21	12/09/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/08/21	12/09/21	
Surrogate: n-Nonane		111 %	50-200	12/08/21	12/09/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: IY		Batch: 2150018
	<u> </u>				12/09/21	·



QC Summary Data

A-1B LAT Souder Miller & Associates Project Name: Reported: 401 W. Broadway Project Number: 97057-0001 Farmington NM, 87401 Project Manager: Ashley Maxwell 12/12/2021 10:20:55AM **Volatile Organics by EPA 8021B** Analyst: RKS Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2150022-BLK1) Prepared: 12/08/21 Analyzed: 12/08/21 ND 0.0250 ND 0.0250 Ethylbenzene Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.80 8.00 97.5 70-130 LCS (2150022-BS1) Prepared: 12/08/21 Analyzed: 12/08/21 4.82 5.00 96.5 70-130 Benzene 0.0250 Ethylbenzene 4.75 0.0250 5.00 95.0 70-130 4.92 0.0250 5.00 98.3 70-130 Toluene 97.5 o-Xylene 4.88 0.0250 5.00 70-130 10.0 96.6 70-130 9.66 0.0500 p.m-Xvlene 96.9 70-130 14.5 0.0250 15.0 Total Xylenes 8.00 99.8 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.99 Matrix Spike (2150022-MS1) Source: E112034-01 Prepared: 12/08/21 Analyzed: 12/08/21 4.77 0.0250 5.00 ND 95.4 54-133 Benzene 94.3 ND 61-133 Ethylbenzene 4.72 0.0250 5.00 Toluene 4.86 0.0250 5.00 ND 97.3 61-130 4.81 5.00 ND 96.3 63-131 0.0250 o-Xylene p,m-Xylene 9.60 0.0500 10.0 ND 96.0 63-131 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.38 8.00 Matrix Spike Dup (2150022-MSD1) Source: E112034-01 Prepared: 12/08/21 Analyzed: 12/08/21

4.85

4.78

4 93

4.89

9.73

14.6

8.26

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

5.00

5.00

5.00

5.00

10.0

15.0

8.00

ND

ND

ND

ND

ND

ND

97.0

95.7

98.7

97.9

97.3

97.5

103

54-133

61-133

61-130

63-131

63-131

63-131

70-130

1.64

1.43

1 45

1.62

1.35

1.44

20

20

20

20

20

Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Souder Miller & Associates	Project Name:	A-1B LAT	Reported:
401 W. Broadway	Project Number:	97057-0001	•
Farmington NM, 87401	Project Manager:	Ashley Maxwell	12/12/2021 10:20:55AM

Farmington NM, 87401		Project Manage	r: As	shley Maxwel	11				12/12/2021 10:20:55A		
	Nor	Nonhalogenated Organics by EPA 8015D - GRO							Analyst: RKS		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limi %			
		g.ng				70	70		rotes		
Blank (2150022-BLK1)							Prepared: 1	12/08/21	Analyzed: 12/08/21		
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.5	70-130					
LCS (2150022-BS2)							Prepared: 1	12/08/21	Analyzed: 12/08/21		
Gasoline Range Organics (C6-C10)	53.6	20.0	50.0		107	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.4	70-130					
Matrix Spike (2150022-MS2)				Source:	E112034-0	01	Prepared: 1	12/08/21	Analyzed: 12/08/21		
Gasoline Range Organics (C6-C10)	55.4	20.0	50.0	ND	111	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.2	70-130					
Matrix Spike Dup (2150022-MSD2)				Source:	E112034-0	01	Prepared: 1	12/08/21	Analyzed: 12/08/21		
Gasoline Range Organics (C6-C10)	53.1	20.0	50.0	ND	106	70-130	4.32	20			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.4	70-130					

QC Summary Data

Souder Miller & AssociatesProject Name:A-1B LATReported:401 W. BroadwayProject Number:97057-0001Farmington NM, 87401Project Manager:Ashley Maxwell12/12/2021 10:20:55AM

Farmington NM, 8/401		Project Manage	r: As	sniey Maxwei	11				12/12/2021 10:20:55A
	Nonha	logenated Or	ganics by l	EPA 8015I	D - DRO	ORO/			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2150019-BLK1)							Prepared:	12/08/21	Analyzed: 12/08/21
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	58.5		50.0		117	50-200			
LCS (2150019-BS1)							Prepared:	12/08/21	Analyzed: 12/08/21
Diesel Range Organics (C10-C28)	484	25.0	500		96.9	38-132			
urrogate: n-Nonane	63.9		50.0		128	50-200			
Matrix Spike (2150019-MS1)				Source:	E112030-0)3	Prepared:	12/08/21	Analyzed: 12/08/21
Diesel Range Organics (C10-C28)	484	25.0	500	ND	96.7	38-132			
urrogate: n-Nonane	63.1		50.0		126	50-200			
Matrix Spike Dup (2150019-MSD1)				Source:	E112030-0)3	Prepared:	12/08/21	Analyzed: 12/08/21
Diesel Range Organics (C10-C28)	478	25.0	500	ND	95.5	38-132	1.26	20	
Jurrogate: n-Nonane	63.1		50.0		126	50-200			



Matrix Spike Dup (2150018-MSD1)

Chloride

1060

QC Summary Data

Souder Miller & Associates 401 W. Broadway		Project Name: Project Number:		-1B LAT 7057-0001					Reported:
Farmington NM, 87401		Project Manager		shley Maxwell				12	2/12/2021 10:20:55AM
		Anions	by EPA 3	300.0/9056A					Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2150018-BLK1)							Prepared: 12	2/08/21 An	nalyzed: 12/08/21
Chloride	ND	20.0							
LCS (2150018-BS1)							Prepared: 12	2/08/21 An	nalyzed: 12/08/21
Chloride	247	20.0	250		98.7	90-110			
Matrix Spike (2150018-MS1)				Source:	E112030-	01	Prepared: 12	2/08/21 An	nalyzed: 12/08/21
Chloride	909	20.0	250	887	8.86	80-120			M2

250

20.0

Source: E112030-01

70.4

80-120

15.6

887

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.



Prepared: 12/08/21 Analyzed: 12/08/21

M2

20

Definitions and Notes

Γ	Souder Miller & Associates	Project Name:	A-1B LAT	
l	401 W. Broadway	Project Number:	97057-0001	Reported:
l	Farmington NM, 87401	Project Manager:	Ashley Maxwell	12/12/21 10:20

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

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.



Received by OCD: 8/3/2022 4:15:34 PM

A-16	3-B5-01+	-02 HO	d Apalysis, Rux T.	be voit				
I, (field sampler), attest to the validity and auth	nenticity of this sample. 1	am aware that tampe	ring with or intentionally mislabelling the sample loo	cation, date or		Samples requiring thermal prese	rvation must be received on ice t	he day they are sampled or
time of collection is considered fraud and may	be grounds for legal action	on. Sampled by:				received packed in ice at an avg		
Relinquished by: (Signature) Relinquished by: (Signature) Relinquished by: (Signature)	Date 3 2 Date 12 · 7 · 2 Date	Time 0 0 0 0 Time 1530	Received by (Signature) Received by: (Signature) Received by: (Signature)	Date 12 7 2 Date Date	Time 16:35 Time	Received on ice: T1 AVG Temp °C	Lab Use Only (V) N T2	<u>T3</u>
Sample Matrix: S - Soil, Sd - Solid, Sg - Slu	dge, A - Aqueous, O - (Other		Container Typ	e: g - glass. p - r	poly/plastic, ag - ambe	er glace v - VOA	
Note: Samples are discarded 30 days afte only to those samples received by the lab	r results are reported oratory with this COC.	unless other arrang The liability of the	ements are made. Hazardous samples will be a laboratory is limited to the amount paid for	returned to client of	or disposed of at the	client expense. The repor	t for the analysis of the ab	ove samples is applicat



5795 US Highway 54, Famington, NM 37401

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envirotech-inc.com labadmin@envirolech-inc.com

Printed: 12/8/2021 2:36:47PM

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	Date Received:	12/07/21 1	5:35		Work Order ID:	E112029
Phone:	(505) 325-7535	Date Logged In:	12/07/21 1	6:03		Logged In By:	Jessica Liesse
Email:	ashley.maxwelll@soudermiller.com	Due Date:	12/10/21 1	7:00 (3 day TAT)			
Chain of	Custody (COC)						
1. Does th	e sample ID match the COC?		Yes				
2. Does th	e number of samples per sampling site location mat	ch the COC	Yes				
3. Were sa	imples dropped off by client or carrier?		Yes	Carrier: <u>L</u>	ab Carrier		
4. Was the	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	No				
5. Were al	l samples received within holding time? Note: Analysis, such as pH which should be conducted ir 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 7. Was a s	ooler ample cooler received?		Yes				
	vas cooler received in good condition?		Yes				
•	e sample(s) received intact, i.e., not broken?		Yes				
	custody/security seals present?						
	were custody/security seals intact?		No				
			NA				
	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	e received w/i 15	Yes				
	risible ice, record the temperature. Actual sample	temperature: 4°C	≟				
Sample C			27				
	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	iers collected?	Yes				
Field Lab		,*					
	field sample labels filled out with the minimum infounce ID?	rmation:	Yes				
	ate/Time Collected?		Yes	Į			
	ollectors name?		No				
Sample P	reservation_						
21. Does t	the COC or field labels indicate the samples were pr	eserved?	No				
22. Are sa	mple(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved m	netals?	No				
Multipha	se Sample Matrix						
26. Does t	the sample have more than one phase, i.e., multiphate	se?	No				
	does the COC specify which phase(s) is to be analy		NA				
	act Laboratory						
	imples required to get sent to a subcontract laborator	m./9	No				
	subcontract laboratory specified by the client and if	•	NA	Subcontract Lab	. NI/A		
		30 WIIO:	1421	Subcontract Lab	. IV/A		
Client In	struction						

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 A-18

Work Order: E202063

Job Number: 97057-0001

Received: 2/12/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 2/17/22

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: 2/17/22

Ashley Maxwell 201 S Halagueno St. Carlsbad, NM 88220

Project Name: Enterprise A-18

Workorder: E202063

Date Received: 2/12/2022 10:30:00AM

Ashley Maxwell,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/12/2022 10:30:00AM, under the Project Name: Enterprise A-18.

The analytical test results summarized in this report with the Project Name: Enterprise A-18 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

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Sample Summary

Souder Miller Associates - Carlsbad	Project Name:	Enterprise A-18	Donoutoda	
201 S Halagueno St.	Project Number:	97057-0001	Reported:	
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	02/17/22 15:58	

Client Sample ID	Lab Sample ID Mat	rix Sampled	Received	Container
BH02 @ 8-9'	E202063-01A So	il 02/10/22	02/12/22	Glass Jar, 4 oz.
BH02 @ 10.5 - 11.5'	E202063-02A So	il 02/10/22	02/12/22	Glass Jar, 4 oz.
BH03 @ 7-8'	E202063-03A So	il 02/10/22	02/12/22	Glass Jar, 4 oz.
BH03 @ 9.5-11'	E202063-04A So	il 02/10/22	02/12/22	Glass Jar, 4 oz.
BH04 @ 10-11'	E202063-05A So	il 02/10/22	02/12/22	Glass Jar, 4 oz.
BH04 @ 11.5-13'	E202063-06A So	il 02/10/22	02/12/22	Glass Jar, 4 oz.



Souder Miller Associates - Carlsbad	Project Name:	Enterprise A-18	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	2/17/2022 3:58:46PM

BH02 @ 8-9' E202063-01

		E202003-01					
Audia	D l4	Reporting	D.i.	4:	D 1	A a la a - 1	Notes
Analyte	Result	Limit	Dilt	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2208023
Benzene	ND	0.0250		1	02/15/22	02/16/22	
Ethylbenzene	ND	0.0250		1	02/15/22	02/16/22	
Toluene	ND	0.0250		1	02/15/22	02/16/22	
o-Xylene	ND	0.0250		1	02/15/22	02/16/22	
p,m-Xylene	ND	0.0500		1	02/15/22	02/16/22	
Total Xylenes	ND	0.0250		1	02/15/22	02/16/22	
Surrogate: Bromofluorobenzene		93.8 %	70-130		02/15/22	02/16/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		02/15/22	02/16/22	
Surrogate: Toluene-d8		99.8 %	70-130		02/15/22	02/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2208023
Gasoline Range Organics (C6-C10)	ND	20.0		1	02/15/22	02/16/22	
Surrogate: Bromofluorobenzene		93.8 %	70-130		02/15/22	02/16/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		02/15/22	02/16/22	
Surrogate: Toluene-d8		99.8 %	70-130		02/15/22	02/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: Љ		Batch: 2208039
Diesel Range Organics (C10-C28)	ND	25.0		1	02/15/22	02/17/22	
Oil Range Organics (C28-C36)	ND	50.0		1	02/15/22	02/17/22	
Surrogate: n-Nonane		107 %	50-200		02/15/22	02/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: RAS		Batch: 2208035
Chloride	ND	20.0		1	02/15/22	02/15/22	



Souder Miller Associates - Carlsbad	Project Name:	Enterprise A-18	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	2/17/2022 3:58:46PM

BH02 @ 10.5 - 11.5'

E202063-02

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2208023
Benzene	ND	0.0250		1	02/15/22	02/16/22	
Ethylbenzene	ND	0.0250		1	02/15/22	02/16/22	
Toluene	ND	0.0250		1	02/15/22	02/16/22	
o-Xylene	0.717	0.0250		1	02/15/22	02/16/22	
p,m-Xylene	0.947	0.0500		1	02/15/22	02/16/22	
Total Xylenes	1.66	0.0250		1	02/15/22	02/16/22	
Surrogate: Bromofluorobenzene		105 %	70-130		02/15/22	02/16/22	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130		02/15/22	02/16/22	
Surrogate: Toluene-d8		116 %	70-130		02/15/22	02/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2208023
Gasoline Range Organics (C6-C10)	196	20.0		1	02/15/22	02/16/22	
Surrogate: Bromofluorobenzene		105 %	70-130		02/15/22	02/16/22	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130		02/15/22	02/16/22	
Surrogate: Toluene-d8		116 %	70-130		02/15/22	02/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: Л		Batch: 2208039
Diesel Range Organics (C10-C28)	144	25.0	-	1	02/15/22	02/17/22	
Oil Range Organics (C28-C36)	ND	50.0		1	02/15/22	02/17/22	
Surrogate: n-Nonane		120 %	50-200		02/15/22	02/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2208035
Chloride	ND	20.0		1	02/15/22	02/15/22	



Souder Miller Associates - Carlsbad	Project Name:	Enterprise A-18	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	2/17/2022 3:58:46PM

BH03 @ 7-8' E202063-03

		E202003-03					
Andre	D14	Reporting			D 4	A lane d	Notes
Analyte	Result	Limit	Dilt	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2208023
Benzene	ND	0.0250		1	02/15/22	02/16/22	
Ethylbenzene	ND	0.0250		1	02/15/22	02/16/22	
Toluene	ND	0.0250		1	02/15/22	02/16/22	
o-Xylene	ND	0.0250		1	02/15/22	02/16/22	
p,m-Xylene	ND	0.0500		1	02/15/22	02/16/22	
Total Xylenes	ND	0.0250		1	02/15/22	02/16/22	
Surrogate: Bromofluorobenzene		95.4 %	70-130		02/15/22	02/16/22	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130		02/15/22	02/16/22	
Surrogate: Toluene-d8		101 %	70-130		02/15/22	02/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2208023
Gasoline Range Organics (C6-C10)	ND	20.0		1	02/15/22	02/16/22	
Surrogate: Bromofluorobenzene		95.4 %	70-130		02/15/22	02/16/22	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130		02/15/22	02/16/22	
Surrogate: Toluene-d8		101 %	70-130		02/15/22	02/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: Л		Batch: 2208039
Diesel Range Organics (C10-C28)	ND	25.0		1	02/15/22	02/17/22	
Oil Range Organics (C28-C36)	ND	50.0		1	02/15/22	02/17/22	
Surrogate: n-Nonane		108 %	50-200		02/15/22	02/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: RAS		Batch: 2208035
Chloride	ND	20.0		1	02/15/22	02/15/22	



Souder Miller Associates - Carlsbad	Project Name:	Enterprise A-18	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	2/17/2022 3:58:46PM

BH03 @ 9.5-11'

E202063-04

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2208023
Benzene	ND	0.0250	1	02/15/22	02/16/22	
Ethylbenzene	ND	0.0250	1	02/15/22	02/16/22	
Toluene	ND	0.0250	1	02/15/22	02/16/22	
o-Xylene	ND	0.0250	1	02/15/22	02/16/22	
p,m-Xylene	ND	0.0500	1	02/15/22	02/16/22	
Total Xylenes	ND	0.0250	1	02/15/22	02/16/22	
Surrogate: Bromofluorobenzene		93.8 %	70-130	02/15/22	02/16/22	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	02/15/22	02/16/22	
Surrogate: Toluene-d8		102 %	70-130	02/15/22	02/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: RKS		Batch: 2208023
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/15/22	02/16/22	
Surrogate: Bromofluorobenzene		93.8 %	70-130	02/15/22	02/16/22	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	02/15/22	02/16/22	
Surrogate: Toluene-d8		102 %	70-130	02/15/22	02/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2208039
Diesel Range Organics (C10-C28)	ND	25.0	1	02/15/22	02/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	02/15/22	02/17/22	
Surrogate: n-Nonane		115 %	50-200	02/15/22	02/17/22	
	_	Л	,	Analyst: RAS		Batch: 2208035
Anions by EPA 300.0/9056A	mg/kg	mg/kg	F	Allalyst: KAS		Batch: 2208033



Souder Miller Associates - Carlsbad	Project Name:	Enterprise A-18	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	2/17/2022 3:58:46PM

BH04 @ 10-11'

E20		

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepare	ed Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: RKS		Batch: 2208023
Benzene	ND	0.0250	1	02/15/2	22 02/16/22	
Ethylbenzene	ND	0.0250	1	02/15/2	22 02/16/22	
Toluene	ND	0.0250	1	02/15/2	22 02/16/22	
o-Xylene	ND	0.0250	1	02/15/2	22 02/16/22	
p,m-Xylene	ND	0.0500	1	02/15/2	22 02/16/22	
Total Xylenes	ND	0.0250	1	02/15/2	22 02/16/22	
Surrogate: Bromofluorobenzene		92.2 %	70-130	02/15/2	22 02/16/22	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	02/15/2	22 02/16/22	
Surrogate: Toluene-d8		100 %	70-130	02/15/2	22 02/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: RKS		Batch: 2208023
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/15/2	22 02/16/22	
Surrogate: Bromofluorobenzene		92.2 %	70-130	02/15/2	22 02/16/22	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	02/15/2	22 02/16/22	
Surrogate: Toluene-d8		100 %	70-130	02/15/2	22 02/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: JL		Batch: 2208039
Diesel Range Organics (C10-C28)	ND	25.0	1	02/15/2	22 02/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	02/15/2	22 02/17/22	
Surrogate: n-Nonane		107 %	50-200	02/15/2	22 02/17/22	
	mg/kg	mg/kg	Δ	Analyst: RAS		Batch: 2208035
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Buten: 2200055



Souder Miller Associates - Carlsbad	Project Name:	Enterprise A-18	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	2/17/2022 3:58:46PM

BH04 @ 11.5-13'

E202063-06

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: R	KS		Batch: 2208023
Benzene	ND	0.0250	1		02/15/22	02/16/22	
Ethylbenzene	ND	0.0250	1		02/15/22	02/16/22	
Toluene	ND	0.0250	1		02/15/22	02/16/22	
o-Xylene	ND	0.0250	1		02/15/22	02/16/22	
p,m-Xylene	ND	0.0500	1		02/15/22	02/16/22	
Total Xylenes	ND	0.0250	1		02/15/22	02/16/22	
Surrogate: Bromofluorobenzene		92.7 %	70-130		02/15/22	02/16/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		02/15/22	02/16/22	
Surrogate: Toluene-d8		99.9 %	70-130		02/15/22	02/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: R	KS		Batch: 2208023
Gasoline Range Organics (C6-C10)	ND	20.0	1		02/15/22	02/16/22	
Surrogate: Bromofluorobenzene		92.7 %	70-130		02/15/22	02/16/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		02/15/22	02/16/22	
Surrogate: Toluene-d8		99.9 %	70-130		02/15/22	02/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JI			Batch: 2208039
Diesel Range Organics (C10-C28)	ND	25.0	1		02/15/22	02/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1		02/15/22	02/17/22	
Surrogate: n-Nonane		121 %	50-200		02/15/22	02/17/22	
		mg/kg		Analyst: R	AS		Batch: 2208035
Anions by EPA 300.0/9056A	mg/kg	mg/kg		maryst. It	710		Datell. 2200033



QC Summary Data

Enterprise A-18 Souder Miller Associates - Carlsbad Project Name: Reported: Project Number: 201 S Halagueno St. 97057-0001 Carlsbad NM, 88220 Project Manager: Ashley Maxwell 2/17/2022 3:58:46PM **Volatile Organic Compounds by EPA 8260B** Analyst: RKS Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2208023-BLK1) Prepared: 02/15/22 Analyzed: 02/16/22 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.455 0.500 90.9 70-130 Surrogate: 1,2-Dichloroethane-d4 0.499 0.500 99.8 70-130 0.500 102 70-130 Surrogate: Toluene-d8 0.511 LCS (2208023-BS1) Prepared: 02/15/22 Analyzed: 02/16/22 2.68 0.0250 2.50 107 70-130 Benzene 2.50 115 70-130 2.87 Ethylbenzene 0.0250 2.91 0.0250 2.50 116 70-130 70-130 2.73 0.0250 2.50 109 o-Xylene 5.53 5.00 111 70-130 p,m-Xylene 0.0500 8.26 0.0250 7.50 110 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.468 0.500 93.5 70-130 0.500 98.7 70-130 Surrogate: 1,2-Dichloroethane-d4 0.494 70-130 Surrogate: Toluene-d8 0.533 0.500 Matrix Spike (2208023-MS1) Source: E202053-01 Prepared: 02/15/22 Analyzed: 02/16/22 48-131 2.57 0.0250 2.50 ND 45-135 Ethylbenzene 2.73 0.0250 2.50 ND 109 ND 48-130 Toluene 2.80 0.0250 2.50 112 2.60 0.0250 2.50 ND 104 43-135 o-Xylene 5.25 5.00 ND 105 43-135 p,m-Xylene 0.0500 Total Xylenes 7.85 0.0250 7.50 ND 105 43-135 95.0 Surrogate: Bromofluorobenzene 0.475 0.500 70-130 0.500 99.9 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 0.500 70-130 0.535

Source: E202053-01

107

113

109

110

109

94.2

98.7

48-131

45-135

48-130

43-135

43-135

43-135

70-130

70-130

70-130

3.95

3.98

1.28

5.07

4.26

4.53

ND

ND

ND

ND

ND

ND



Prepared: 02/15/22 Analyzed: 02/16/22

23

27

24

27

27

27

Surrogate: Toluene-d8

Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

Matrix Spike Dup (2208023-MSD1)

2.68

2.84

2.84

2.73

5.48

8.21

0.471

0.494

0.522

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

2.50

2.50

2.50

2.50

5.00

7.50

0.500

0.500

0.500

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

QC Summary Data

Souder Miller Associates - CarlsbadProject Name:Enterprise A-18Reported:201 S Halagueno St.Project Number:97057-0001Carlsbad NM, 88220Project Manager:Ashley Maxwell2/17/20223:58:46PM

Carlsbad NM, 88220		Project Manager	:: As	shley Maxwell				:	2/17/2022 3:58:46PM
	Nor	halogenated	Organics l	by EPA 801	5D - GI	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2208023-BLK1)							Prepared: 0	2/15/22 Ar	nalyzed: 02/16/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.455		0.500		90.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.8	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			
LCS (2208023-BS2)							Prepared: 0	2/15/22 Ar	nalyzed: 02/16/22
Gasoline Range Organics (C6-C10)	62.8	20.0	50.0		126	70-130			
Gurrogate: Bromofluorobenzene	0.467		0.500		93.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
urrogate: Toluene-d8	0.522		0.500		104	70-130			
Matrix Spike (2208023-MS2)				Source: 1	E202053-0)1	Prepared: 0	2/15/22 Ar	nalyzed: 02/16/22
Gasoline Range Organics (C6-C10)	64.0	20.0	50.0	ND	128	70-130			
Gurrogate: Bromofluorobenzene	0.468		0.500		93.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.2	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			
Matrix Spike Dup (2208023-MSD2)				Source: 1	E202053-0)1	Prepared: 0	2/15/22 Ar	nalyzed: 02/16/22
Gasoline Range Organics (C6-C10)	60.7	20.0	50.0	ND	121	70-130	5.34	20	
Surrogate: Bromofluorobenzene	0.470		0.500		94.0	70-130			

0.500

0.500

0.486

97.1

107

70-130

70-130



QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	Enterprise A-18	Reported:
201 S Halagueno St.	Project Number:	97057-0001	-
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	2/17/2022 3:58:46PM

Carlsbad NM, 88220		Project Manage	r: As	hley Maxwel	1				2/17/2022 3:58:46PI
	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 (2208039-BLK1)							Prepared: 0	2/15/22 Ar	nalyzed: 02/16/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	54.9		50.0		110	50-200			
.CS (2208039-BS1)							Prepared: 0	2/15/22 Ar	nalyzed: 02/16/22
Diesel Range Organics (C10-C28)	542	25.0	500		108	38-132			
urrogate: n-Nonane	51.2		50.0		102	50-200			
Matrix Spike (2208039-MS1)				Source:	E202083-	04	Prepared: 0	2/15/22 Ar	nalyzed: 02/16/22
Diesel Range Organics (C10-C28)	552	25.0	500	ND	110	38-132			
urrogate: n-Nonane	52.3		50.0		105	50-200			
Matrix Spike Dup (2208039-MSD1)				Source:	E202083-	04	Prepared: 0	2/15/22 Ar	nalyzed: 02/16/22
Diesel Range Organics (C10-C28)	541	25.0	500	ND	108	38-132	2.07	20	
urrogate: n-Nonane	50.8		50.0		102	50-200			



QC Summary Data

Souder Miller Associates - Carlsbad 201 S Halagueno St.		Project Name: Project Number:		Enterprise A-18 97057-0001					Reported:
Carlsbad NM, 88220		Project Manager:	: A	Ashley Maxwell					2/17/2022 3:58:46PM
		Anions	by EPA	300.0/9056A					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 (2208035-BLK1)							Prepared: 0	2/15/22 A	nalyzed: 02/15/22
Chloride	ND	20.0							
LCS (2208035-BS1)							Prepared: 0	2/15/22 A	nalyzed: 02/15/22
Chloride	272	20.0	250		109	90-110			
Matrix Spike (2208035-MS1)				Source: F	E202055-	01	Prepared: 0	2/15/22 A	nalyzed: 02/15/22
Chloride	323	20.0	250	77.4	98.2	80-120			
Matrix Spike Dup (2208035-MSD1)				Source: F	E202055-	01	Prepared: 0	2/15/22 A	nalyzed: 02/15/22
Chloride	294	20.0	250	77.4	86.5	80-120	9.47	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 A-18	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	02/17/22 15:58

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

1		1
Page 1	of_	

STD 5 day

Client:		Carlsb			Bill T	o		i i	L	ab U	se On	ly		T	AT	E	PA Progra	ım
Project:	Entor Manager:	DAIRE H	1100mp)	Attention: Enterpri: Address:	se	Lab	WO#	#	. 2	Job I	lumbe	r	1D	3D	RCRA	CWA	SDWA
Address:		Horney	IMUNICI	L	City, State, Zip		- PE	= 20	200	25		57-0						
City, Stat					Phone:		-	T		r	Analy	sis and	Metho	d			100000	ite
Phone:					Email:		-	1			1 1							UT AZ
Email:					Littaii.		- 801	8015				0					X OK	
Report d	ue by:				1		yd C) by	3021	260	010	300.0		Σ	×		TX OK	
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID		Lab Numb	DRO/ORO by 8015	GRO/DRO by 8015	ВТЕХ by 802	VOC by 8260	Metals 6010	Chloride		BGDOC - NM	BGDOC - T		Rem	arks
1423	2/10	8011	ł	BH02 2	8-9'	H.								X				
1425	2110	Sort	ŀ	BH020	10.5-11.51	2			Ţ					X				
1520	2/10	Soil	1	BH030	7-8'	3						Λ.		X	F			
1525	410	5011	(BH036	9.5-11	4								X		-		
1608	2/10	Soil	-1	BH042	10-11	5								Х				
1615	2/10	soil	1	BH042	11.5-13'	6								χ				
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				2														
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Addition	al Instruc	tions:																
ı				this sample. I am aware th s for legal action. Sampled	at tampering with or intentionally mislabelli by: Sarahme	ing the sample location, date of	thur										day they are sam subsequent days	pled or
Relinquis	ed by: (Sign	ture)		11/22 Time	Race ved by (Signature)	10 Date 2-11		Time	:4	6	Recei	ved on	ice.		b Use	Only		
Aetinguish	ed by (Sigh	ature)	Date	11-22 Time	Received by: (Signature)	enter 2/10	1/20	Time			T1		,,,,,	T2	7 14		T3	
Relinquish	ed by: (Sign	ature)	Date	Time	Received by: (Signature)	Date		Time		yh i	AVG:	Γemp °	_ 4	′			\	
Sample Mat	rix: S - Soil, S	d - Solid, Sg -	Sludge, A - A	queous, O - Other		Contain	er Tyne	2: g - g	lass					r glass	s v - 1	/ΩΔ		
Note: Samp	les are discar	ded 30 days a	fter results a	re reported unless othe	r arrangements are made. Hazardous ty of the laboratory is limited to the ar	samples will be returned to	client or	dispose	ed of a	t the c	lient exp	ense. Th	e report	for the	analysi	s of the abo	ve samples is	applicable



Pr 801 832-1801 Pr 501 682 12

envirotech-inc.com lebadmin@envirolech-inc.com

Printed: 2/14/2022 2:04:16PM

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:	02/12/22	10:30	Work Order ID:	E202063
Phone:	(505) 325-7535	Date Logged In:	02/11/22	15:27	Logged In By:	Caitlin Christian
Email:	ashley.maxwell@soudermiller.com	Due Date:		17:00 (4 day TAT)	,	
	f Custody (COC)					
	the sample ID match the COC?		Yes			
	the number of samples per sampling site location ma	tch the COC	Yes			
	samples dropped off by client or carrier?		Yes	Carrier: Courrier		
	ne COC complete, i.e., signatures, dates/times, reque	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>	ts/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			
	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 p	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 i	•	NA	Subcontract Lab: na		
Client I	nstruction					
CHERT	nstruction					

Date

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: A - 18 Lateral

Work Order: E204044

Job Number: 97057-0001

Received: 4/8/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/15/22

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: 4/15/22

Ashley Maxwell 201 S Halagueno St. Carlsbad, NM 88220

Project Name: A - 18 Lateral

Workorder: E204044

Date Received: 4/8/2022 3:00:00PM

Ashley Maxwell,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/8/2022 3:00:00PM, under the Project Name: A - 18 Lateral.

The analytical test results summarized in this report with the Project Name: A - 18 Lateral 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

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Sample Summary

Souder Miller Associates - Carlsbad	Project Name:	A - 18 Lateral	Reported:
201 S Halagueno St.	Project Number:	97057-0001	Keporteu:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	04/15/22 13:50

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH05 @ 14 - 15'	E204044-01A	Soil	04/05/22	04/08/22	Glass Jar, 4 oz.
BH05 @ 16 - 17'	E204044-02A	Soil	04/05/22	04/08/22	Glass Jar, 4 oz.
BH05 @ 20'	E204044-03A	Soil	04/05/22	04/08/22	Glass Jar, 4 oz.
BH05 @ 24'	E204044-04A	Soil	04/05/22	04/08/22	Glass Jar, 4 oz.
BH06 @ 11.5'	E204044-05A	Soil	04/05/22	04/08/22	Glass Jar, 4 oz.
BH06 @ 15'	E204044-06A	Soil	04/05/22	04/08/22	Glass Jar, 4 oz.
BH07 @ 16'	E204044-07A	Soil	04/06/22	04/08/22	Glass Jar, 4 oz.
BH07 @ 19.5	E204044-08A	Soil	04/06/22	04/08/22	Glass Jar, 4 oz.
BH07 @ 21	E204044-09A	Soil	04/06/22	04/08/22	Glass Jar, 4 oz.
BH07 @ 25	E204044-10A	Soil	04/06/22	04/08/22	Glass Jar, 4 oz.
BH07 @ 25.5	E204044-11A	Soil	04/06/22	04/08/22	Glass Jar, 4 oz.
BH07 @ 28	E204044-12A	Soil	04/06/22	04/08/22	Glass Jar, 4 oz.

Souder Miller Associates - Carlsbad	Project Name:	A - 18 Lateral	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/15/2022 1:50:21PM

BH05 @ 14 - 15'

E204044-01

		E204044-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2216015
Benzene	15.8	1.25	50	04/11/22	04/15/22	
Ethylbenzene	15.9	1.25	50	04/11/22	04/15/22	
Toluene	104	1.25	50	04/11/22	04/15/22	
o-Xylene	27.5	1.25	50	04/11/22	04/15/22	
p,m-Xylene	98.1	2.50	50	04/11/22	04/15/22	
Total Xylenes	126	1.25	50	04/11/22	04/15/22	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	04/11/22	04/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2216015
Gasoline Range Organics (C6-C10)	2660	1000	50	04/11/22	04/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.3 %	70-130	04/11/22	04/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2216056
Diesel Range Organics (C10-C28)	1560	25.0	1	04/13/22	04/14/22	
Oil Range Organics (C28-C36)	282	50.0	1	04/13/22	04/14/22	
Surrogate: n-Nonane		349 %	50-200	04/13/22	04/14/22	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: RAS		Batch: 2216048
Chloride	170	20.0	1	04/13/22	04/14/22	

Chloride

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	A - 18 Lateral	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/15/2022 1:50:21PM

BH05 @ 16 - 17'

		E204044-02						
Reporting								
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2216015		
Benzene	2.57	0.500	20	04/11/22	04/15/22			
Ethylbenzene	8.93	0.500	20	04/11/22	04/15/22			
Toluene	28.9	0.500	20	04/11/22	04/15/22			
o-Xylene	14.5	0.500	20	04/11/22	04/15/22			
p,m-Xylene	49.9	1.00	20	04/11/22	04/15/22			
Total Xylenes	64.4	0.500	20	04/11/22	04/15/22			
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	04/11/22	04/15/22			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2216015		
Gasoline Range Organics (C6-C10)	1380	400	20	04/11/22	04/15/22			
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	04/11/22	04/15/22			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2216056		
Diesel Range Organics (C10-C28)	887	25.0	1	04/13/22	04/14/22			
Oil Range Organics (C28-C36)	180	50.0	1	04/13/22	04/14/22			
Surrogate: n-Nonane		221 %	50-200	04/13/22	04/14/22	S5		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2216048		

20.0

395

04/13/22

04/13/22



Souder Miller Associates - Carlsbad	Project Name:	A - 18 Lateral	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/15/2022 1:50:21PM

BH05 @ 20'

E204044-03								
Reporting								
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2216015		
Benzene	2.06	0.500	20	04/11/22	04/15/22			
Ethylbenzene	9.62	0.500	20	04/11/22	04/15/22			
Toluene	28.3	0.500	20	04/11/22	04/15/22			
o-Xylene	15.1	0.500	20	04/11/22	04/15/22			
p,m-Xylene	52.4	1.00	20	04/11/22	04/15/22			
Total Xylenes	67.5	0.500	20	04/11/22	04/15/22			
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	04/11/22	04/15/22			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2216015		
Gasoline Range Organics (C6-C10)	1470	400	20	04/11/22	04/15/22			
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	04/11/22	04/15/22			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2216056		
Diesel Range Organics (C10-C28)	913	25.0	1	04/13/22	04/14/22			
Oil Range Organics (C28-C36)	587	50.0	1	04/13/22	04/14/22			
Surrogate: n-Nonane		304 %	50-200	04/13/22	04/14/22	S5		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2216048		
Chloride	111	20.0	1	04/13/22	04/13/22			



Souder Miller Associates - Carlsbad	Project Name:	A - 18 Lateral	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/15/2022 1:50:21PM

BH05 @ 24'

E204044-04								
Reporting								
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2216015		
Benzene	0.101	0.0250	1	04/11/22	04/15/22			
Ethylbenzene	1.10	0.0250	1	04/11/22	04/15/22			
Toluene	2.58	0.0250	1	04/11/22	04/15/22			
o-Xylene	1.71	0.0250	1	04/11/22	04/15/22			
p,m-Xylene	5.92	0.0500	1	04/11/22	04/15/22			
Total Xylenes	7.63	0.0250	1	04/11/22	04/15/22			
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	04/11/22	04/15/22			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2216015		
Gasoline Range Organics (C6-C10)	175	20.0	1	04/11/22	04/15/22			
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	04/11/22	04/15/22			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2216056		
Diesel Range Organics (C10-C28)	261	25.0	1	04/13/22	04/14/22			
Oil Range Organics (C28-C36)	181	50.0	1	04/13/22	04/14/22			
Surrogate: n-Nonane		166 %	50-200	04/13/22	04/14/22			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2216048		
Chloride	257	20.0	1	04/13/22	04/13/22			



Sample Data

Souder Miller Associates - Carlsbad	Project Name:	A - 18 Lateral	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/15/2022 1:50:21PM

BH06 @ 11.5'

E204044-05								
Reporting								
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2216015		
Benzene	ND	0.0250	1	04/11/22	04/14/22			
Ethylbenzene	ND	0.0250	1	04/11/22	04/14/22			
Toluene	ND	0.0250	1	04/11/22	04/14/22			
o-Xylene	ND	0.0250	1	04/11/22	04/14/22			
p,m-Xylene	ND	0.0500	1	04/11/22	04/14/22			
Total Xylenes	ND	0.0250	1	04/11/22	04/14/22			
Surrogate: 4-Bromochlorobenzene-PID		97.2 %	70-130	04/11/22	04/14/22			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2216015		
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/22	04/14/22			
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.4 %	70-130	04/11/22	04/14/22			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: JL		Batch: 2216056		
Diesel Range Organics (C10-C28)	ND	25.0	1	04/13/22	04/14/22			
Oil Range Organics (C28-C36)	ND	50.0	1	04/13/22	04/14/22			
Surrogate: n-Nonane		125 %	50-200	04/13/22	04/14/22			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: RAS		Batch: 2216048		
Chloride	ND	20.0	1	04/13/22	04/13/22			



Souder Miller Associates - Carlsbad	Project Name:	A - 18 Lateral	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/15/2022 1:50:21PM

BH06 @ 15' E204044-06

		220101100				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2216015
Benzene	ND	0.0250	1	04/11/22	04/14/22	
Ethylbenzene	ND	0.0250	1	04/11/22	04/14/22	
Toluene	ND	0.0250	1	04/11/22	04/14/22	
o-Xylene	ND	0.0250	1	04/11/22	04/14/22	
o,m-Xylene	ND	0.0500	1	04/11/22	04/14/22	
Total Xylenes	ND	0.0250	1	04/11/22	04/14/22	
Surrogate: 4-Bromochlorobenzene-PID		96.9 %	70-130	04/11/22	04/14/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2216015
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/22	04/14/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.1 %	70-130	04/11/22	04/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2216056
Diesel Range Organics (C10-C28)	95.3	25.0	1	04/13/22	04/14/22	
Oil Range Organics (C28-C36)	210	50.0	1	04/13/22	04/14/22	
Surrogate: n-Nonane		120 %	50-200	04/13/22	04/14/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2216048
Chloride	44.2	20.0	1	04/13/22	04/13/22	



Souder Miller Associates - Carlsbad	Project Name:	A - 18 Lateral	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/15/2022 1:50:21PM

BH07 @ 16' E204044-07

		1201011 07				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2216015
Benzene	ND	0.0250	1	04/11/22	04/14/22	
Ethylbenzene	0.216	0.0250	1	04/11/22	04/14/22	
oluene	0.155	0.0250	1	04/11/22	04/14/22	
-Xylene	0.158	0.0250	1	04/11/22	04/14/22	
o,m-Xylene	0.690	0.0500	1	04/11/22	04/14/22	
Total Xylenes	0.848	0.0250	1	04/11/22	04/14/22	
Surrogate: 4-Bromochlorobenzene-PID		94.2 %	70-130	04/11/22	04/14/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2216015
Gasoline Range Organics (C6-C10)	55.5	20.0	1	04/11/22	04/14/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	04/11/22	04/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2216056
Diesel Range Organics (C10-C28)	236	25.0	1	04/13/22	04/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/13/22	04/14/22	
Surrogate: n-Nonane		113 %	50-200	04/13/22	04/14/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	Analyst: RAS		Batch: 2216048
Chloride	35.3	20.0	1	04/13/22	04/14/22	
Cinoriac	00.0	20.0				



Souder Miller Associates - Carlsbad	Project Name:	A - 18 Lateral	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/15/2022 1:50:21PM

BH07 @ 19.5

		ъ .:				
Analysta	Result	Reporting Limit	Dilution	Duamanad	Amalyzad	Notes
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2216015
Benzene	ND	0.0250	1	04/11/22	04/14/22	
Ethylbenzene	0.669	0.0250	1	04/11/22	04/14/22	
Toluene	0.164	0.0250	1	04/11/22	04/14/22	
o-Xylene	0.511	0.0250	1	04/11/22	04/14/22	
p,m-Xylene	1.84	0.0500	1	04/11/22	04/14/22	
Total Xylenes	2.35	0.0250	1	04/11/22	04/14/22	
Surrogate: 4-Bromochlorobenzene-PID		92.8 %	70-130	04/11/22	04/14/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2216015
Gasoline Range Organics (C6-C10)	67.8	20.0	1	04/11/22	04/14/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.7 %	70-130	04/11/22	04/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2216056
Diesel Range Organics (C10-C28)	322	25.0	1	04/13/22	04/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/13/22	04/14/22	
Surrogate: n-Nonane		107 %	50-200	04/13/22	04/14/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2216048
Chloride	86.3	20.0	1	04/13/22	04/14/22	



Souder Miller Associates - Carlsbad	Project Name:	A - 18 Lateral	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/15/2022 1:50:21PM

BH07 @ 21 E204044-09

		E204044-07				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Timuye					7 mary 2ca	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	kg Analyst: IY			Batch: 2216015
Benzene	ND	0.0250	1	04/11/22	04/14/22	
Ethylbenzene	2.33	0.0250	1	04/11/22	04/14/22	
Toluene	0.700	0.0250	1	04/11/22	04/14/22	
o-Xylene	1.96	0.0250	1	04/11/22	04/14/22	
p,m-Xylene	7.33	0.0500	1	04/11/22	04/14/22	
Total Xylenes	9.29	0.0250	1	04/11/22	04/14/22	
Surrogate: 4-Bromochlorobenzene-PID		94.6 %	70-130	04/11/22	04/14/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg Analyst: IY		st: IY		Batch: 2216015
Gasoline Range Organics (C6-C10)	189	20.0	1	04/11/22	04/14/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.7 %	70-130	04/11/22	04/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg Analyst: JL			Batch: 2216056	
Diesel Range Organics (C10-C28)	594	25.0	1	04/13/22	04/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/13/22	04/14/22	
Surrogate: n-Nonane		142 %	50-200	04/13/22	04/14/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2216048
Chloride	110	20.0	1	04/13/22	04/14/22	



Souder Miller Associates - Carlsbad	Project Name:	A - 18 Lateral	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/15/2022 1:50:21PM

BH07 @ 25 E204044-10

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2216015
Benzene	0.138	0.0250	1	04/11/22	04/14/22	
Ethylbenzene	2.65	0.0250	1	04/11/22	04/14/22	
Toluene	3.58	0.0250	1	04/11/22	04/14/22	
o-Xylene	3.38	0.0250	1	04/11/22	04/14/22	
p,m-Xylene	10.8	0.0500	1	04/11/22	04/14/22	
Total Xylenes	14.1	0.0250	1	04/11/22	04/14/22	
Surrogate: 4-Bromochlorobenzene-PID		90.2 %	70-130	04/11/22	04/14/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2216015
Gasoline Range Organics (C6-C10)	229	20.0	1	04/11/22	04/14/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.3 %	70-130	04/11/22	04/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2216056
Diesel Range Organics (C10-C28)	435	25.0	1	04/13/22	04/14/22	
Oil Range Organics (C28-C36)	123	50.0	1	04/13/22	04/14/22	
Surrogate: n-Nonane		90.3 %	50-200	04/13/22	04/14/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2216048
Chloride	138	20.0	1	04/13/22	04/14/22	



Souder Miller Associates - Carlsbad	Project Name:	A - 18 Lateral	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/15/2022 1:50:21PM

BH07 @ 25.5

		E204044-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2216015
Benzene	5.51	1.25	50	04/11/22	04/15/22	
Ethylbenzene	12.4	1.25	50	04/11/22	04/15/22	
Toluene	47.0	1.25	50	04/11/22	04/15/22	
o-Xylene	19.6	1.25	50	04/11/22	04/15/22	
p,m-Xylene	75.0	2.50	50	04/11/22	04/15/22	
Total Xylenes	94.6	1.25	50	04/11/22	04/15/22	
Surrogate: 4-Bromochlorobenzene-PID		98.6 %	70-130	04/11/22	04/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: IY		Batch: 2216015
Gasoline Range Organics (C6-C10)	1220	1000	50	04/11/22	04/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.8 %	70-130	04/11/22	04/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: JL		Batch: 2216056
Diesel Range Organics (C10-C28)	398	25.0	1	04/13/22	04/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/13/22	04/14/22	
Surrogate: n-Nonane		202 %	50-200	04/13/22	04/14/22	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: RAS		Batch: 2216048
Chloride	55.4	20.0	1	04/13/22	04/14/22	



Souder Miller Associates - Carlsbad	Project Name:	A - 18 Lateral	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/15/2022 1:50:21PM

BH07 @ 28

		E204044-12				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2216015
Benzene	ND	0.0250	1	04/11/22	04/15/22	
Ethylbenzene	0.546	0.0250	1	04/11/22	04/15/22	
Toluene	0.380	0.0250	1	04/11/22	04/15/22	
o-Xylene	0.845	0.0250	1	04/11/22	04/15/22	
p,m-Xylene	2.45	0.0500	1	04/11/22	04/15/22	
Total Xylenes	3.30	0.0250	1	04/11/22	04/15/22	
Surrogate: 4-Bromochlorobenzene-PID		94.7 %	70-130	04/11/22	04/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2216015
Gasoline Range Organics (C6-C10)	54.3	20.0	1	04/11/22	04/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	04/11/22	04/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2216056
Diesel Range Organics (C10-C28)	98.9	25.0	1	04/13/22	04/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/13/22	04/14/22	
Surrogate: n-Nonane		86.4 %	50-200	04/13/22	04/14/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2216048
Chloride	264	20.0	1	04/13/22	04/14/22	



A - 18 Lateral Souder Miller Associates - Carlsbad Project Name: Reported: 201 S Halagueno St. Project Number: 97057-0001 Carlsbad NM, 88220 Project Manager: Ashley Maxwell 4/15/2022 1:50:21PM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2216015-BLK1) Prepared: 04/11/22 Analyzed: 04/14/22 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 6.13 8.00 76.7 70-130 LCS (2216015-BS1) Prepared: 04/11/22 Analyzed: 04/14/22 5.03 101 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.66 0.0250 5.00 93.1 70-130 4.93 0.0250 5.00 98.6 70-130 Toluene o-Xylene 4.84 0.0250 5.00 96.8 70-130 9.59 10.0 95.9 70-130 0.0500 p.m-Xvlene 96.2 70-130 14.4 15.0 Total Xylenes 0.0250 8.00 85.0 70-130 Surrogate: 4-Bromochlorobenzene-PID 6.80 Matrix Spike (2216015-MS1) Source: E204044-02 Prepared: 04/11/22 Analyzed: 04/15/22 102 0.500 2.57 54-133 Benzene 94.5 61-133 Ethylbenzene 103 0.500 100 8.93 Toluene 119 0.500 100 28.9 89.7 61-130 113 100 14.5 98.8 63-131 0.500 o-Xylene p,m-Xylene 227 1.00 200 49.9 88.7 63-131 341 0.500 300 63-131 Total Xylenes 173 70-130 Surrogate: 4-Bromochlorobenzene-PID 160 Matrix Spike Dup (2216015-MSD1) Source: E204044-02 Prepared: 04/11/22 Analyzed: 04/15/22 103 0.500 100 2.57 54-133 1.04 20 8.93 61-133 0.117 103 0.500 100 94.3 20 Ethylbenzene 61-130 Toluene 115 0.500 100 28.9 86.6 2 64 20

100

200

300

160

0.500

1.00

0.500

14.5

49.9

64.4

97.3

86.7

90.2

109

63-131

63-131

63-131

70-130

1.38

1.72

1.61

20

20

20



o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

112

223

335

174

Souder Miller Associates - Carlsbad	Project Name:	A - 18 Lateral	Reported:
201 S Halagueno St.	Project Number:	97057-0001	-
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/15/2022 1:50:21PM

Carlsbad NM, 88220		Project Manage	r: As	hley Maxwel	1			4/	15/2022 1:50:21PM
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO			Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2216015-BLK1)							Prepared: 0	4/11/22 Ana	lyzed: 04/14/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.03		8.00		87.8	70-130			
LCS (2216015-BS2)							Prepared: 0	4/11/22 Ana	lyzed: 04/14/22
Gasoline Range Organics (C6-C10)	48.8	20.0	50.0		97.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.14		8.00		89.3	70-130			
Matrix Spike (2216015-MS2)				Source:	E204044-	02	Prepared: 04	4/11/22 Ana	lyzed: 04/15/22
Gasoline Range Organics (C6-C10)	2230	400	1000	1380	85.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	148		160		92.6	70-130			
Matrix Spike Dup (2216015-MSD2)				Source:	E204044-0	02	Prepared: 0	4/11/22 Ana	lyzed: 04/15/22
Gasoline Range Organics (C6-C10)	1860	400	1000	1380	47.9	70-130	18.3	20	M2
Surrogate: 1-Chloro-4-fluorobenzene-FID	147		160		91.6	70-130			



Souder Miller Associates - Carlsbad	Project Name:	A - 18 Lateral	Reported:
201 S Halagueno St.	Project Number:	97057-0001	•
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	4/15/2022 1:50:21PM

Carlsbad NM, 88220		Project Manage	r: As	shley Maxwel	11			4/15	5/2022 1:50:21PM
	Nonhal	logenated Or	ganics by	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 (2216056-BLK1)							Prepared: 0	4/13/22 Analy	zed: 04/14/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.8		50.0		110	50-200			
LCS (2216056-BS1)							Prepared: 0	4/13/22 Analy	zed: 04/14/22
Diesel Range Organics (C10-C28)	417	25.0	500		83.3	38-132			
Surrogate: n-Nonane	52.8		50.0		106	50-200			
Matrix Spike (2216056-MS1)				Source:	E204044-	02	Prepared: 0	4/13/22 Analy	zed: 04/14/22
Diesel Range Organics (C10-C28)	538	25.0	500	887	NR	38-132			M2
Surrogate: n-Nonane	47.9		50.0		95.9	50-200			
Matrix Spike Dup (2216056-MSD1)				Source:	E204044-	02	Prepared: 0	4/13/22 Analy	zed: 04/14/22
Diesel Range Organics (C10-C28)	598	25.0	500	887	NR	38-132	10.5	20	M2
Surrogate: n-Nonane	65.9		50.0		132	50-200			



Souder Miller Associates - Carlsbad 201 S Halagueno St.		Project Name: Project Number:		- 18 Lateral					Reported:
Carlsbad NM, 88220		Project Manager:		shley Maxwell					4/15/2022 1:50:21PM
		Anions 1	by EPA 3	800.0/9056A					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 (2216048-BLK1)							Prepared: 0	4/13/22 A	nalyzed: 04/13/22
Chloride	ND	20.0							
LCS (2216048-BS1)							Prepared: 0	4/13/22 A	nalyzed: 04/14/22
Chloride	273	20.0	250		109	90-110			
Matrix Spike (2216048-MS1)				Source: E	204044-0)1	Prepared: 0	4/13/22 A	nalyzed: 04/14/22
Chloride	455	20.0	250	170	114	80-120			
Matrix Spike Dup (2216048-MSD1)				Source: E	204044-0)1	Prepared: 0	4/13/22 A	nalyzed: 04/14/22
Chloride	468	20.0	250	170	119	80-120	2.71	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:	A - 18 Lateral	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	04/15/22 13:50

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.

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
Client:	SNAA

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No.	2
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Client: SM					$\Gamma \Gamma$	Bill To				La	b Us	e Onl	У		TA	AT	E	PA Progra	ım
Project: A					At	tention: Enterprise		Lab	WO#	CIVED IN		Job N	lumb	er .	1D	3D	RCRA	CWA	SDWA
Project Man	ager:	Ashu	ey Mr	Xuleh	1 1	ldress:		PE	200	404	14	471	57	1000	^				
Address:			- 111		1 1	ry, State, Zip			,,			Analy:	is and	Nethoo	1				ate
City, State, Z	ip				1 -	one:					П							NM CO	UT AZ
Phone:					En	nail:		5108	5100									TX OK	\vdash
Email: Report due l	hv:				lia	12121 # (d22121		by 8	§ ₹	8021	8260	2	300.0	1	N	J		TX OK	HH
	Date			T		· CA	Lab	ORC	DRO	by 8	3y 8.	ls 60	ide		2	C. 13			
	m pled	Matrix	No Containers	Sample ID			Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by	VOC by 8	Metals 6010	Chlor		BGDOC - NM	9600		Ren	narks
1015 4	15	5011	1	BH®5	2 10	1-15'	1								X				
1253 4	15	5611	(BH 05	211	0-17'	2								X				
		5011	1	BHOS	2	201	3								X				
1523 4	15	2011	1	BH05	ಎ ್ನ	24'	4	,							X				
	-	5011	1	BHOG	21	1.5	5								X				
	15	Soil	1	BHOG	21	5'	9								X				
08474	16	Soll	1	BHOT	100	,	17								X				
09464	16	501	1	BHOT	72	19.5	8								X				
09474	16	Soil	t	BHO	72 2		9								X				
1039 4	16	Soil	- 1	BHOT	103		10								X				
Additional		tions:	ar co	and read	ct +	- Ashuy & Sarai	amou Sc	010	•	at	Sa	rela	040	u scl	hle	a 2	Spools	emille	r. com
If a'd sampler 1 at	trest to the					ering with or intentionally mislabelling the sar		VICE	0.		-							he day they are s	
				s for legal action. Sam		1	ipic section, date si					received	packed r	ice atan avg	temp ab	ove 3 bu	less than 6°C	st insuperdue no	ys.
Relinquished b			Date 4	17/22 Time	104	Beceived by Signature 1	4-1/	12	Time	1:0	54	Reci	eived	on ice:	C	ab U	se Only		
Relinquished	V. (Signa	ature)	Date	1/22 Time	7:3	Reseived by: (Signature)	Date	2	Time	5:(O	T1			T2		-	Т3	
Relinquished b	ov: (Signa	ature)	Date	Time	120	Received by: (Signature)	Date		Time			AVG	Tem	م°ر (7_				
Sample Matrix: 9	5 - Soil. Sc	d - Solid, Se -	Sludge A - A	queous, O - Other			Containe	r Typ	e. b -	plass	n - n				er ela	ass. v	- VOA		
					other arrar	gements are made. Hazardous samples												bove samples	is applicable

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only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Project	Information
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Chain of Custody

	1		1
Page	6	of_	6

Received by OCD: 8/3/2022 4:15:34 PM

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Client:	A-M>	K 2024			T	Bill To					Lab	Use	Only		31.	TA	T		EPA	Program	m
Project:	A-19	lat	eral			tention: Enterprise		lī	Lab \	NO#	1044	Jo	b Nun	ber		1D		RCRA		CWA	SDWA
	Nanager:	ASMU	millo	XULUN	1 1	dress:			PE	20	1044	19	705	7-0	1100						
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Time Sampled	Date Sampled	Matrix	No Containers	Sample ID			1.00	ab nber	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC BY 8280	Chloride 300.0			BGDOC - NM	верос			Rem	arks
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2.5				this sample. I am aw		ering with or intentionally mislabelling the sampl	le location, d	ate or												ay they are sar bsequent days	
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envirotech Inc.

Printed: 4/11/2022 11:42:24AM

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:	04/08/22	15:00	Work Order ID:	E204044
Phone: (505) 325-7535	Date Logged In:	04/08/22	11:33	Logged In By:	Caitlin Christian
Email: ashley.maxwell@soudermiller.com	Due Date:		17:00 (4 day TAT)		
Chain of Custody (COC)					
1. Does the sample ID match the COC?		Yes			
2. Does the number of samples per sampling site location m	atch the COC	Yes			
3. Were samples dropped off by client or carrier?		Yes	Carrier: Carrier		
4. Was the COC complete, i.e., signatures, dates/times, requ	ested analyses?	Yes			
 Were all samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucs 		Yes		Comment	s/Resolution
Sample Turn Around Time (TAT)	31011.				
6. Did the COC indicate standard TAT, or Expedited TAT?		Yes			
Sample Cooler					
7. Was a sample cooler received?		Yes			
8. If yes, was cooler received in good condition?		Yes			
9. Was the 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 sample received on ice? If yes, the recorded temp is 4% Note: Thermal preservation is not required, if samples minutes of sampling	are received w/i 15	Yes			
13. If no visible ice, record the temperature. Actual samp	le temperature: 40	<u>C</u>			
Sample Container					
14. Are aqueous VOC samples present?		No			
15. Are VOC samples collected in VOA Vials?		NA			
16. Is the head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a trip blank (TB) included for VOC analyses?		NA			
18. Are non-VOC samples collected in the correct container		Yes			
19. Is the appropriate volume/weight or number of sample conta	ainers collected?	Yes			
Field Label					
20. Were field sample labels filled out with the minimum in	formation:	37			
Sample ID?		Yes			
Date/Time Collected? Collectors name?		Yes No			
Sample Preservation		NO			
21. Does the COC or field labels indicate the samples were	nreserved?	No			
22. Are sample(s) correctly preserved?	r	NA			
24. Is lab filteration required and/or requested for dissolved	metals?	No			
<u>.</u> .		110			
Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiph	.aaa?	N			
		No			
27. If yes, does the COC specify which phase(s) is to be ana	iiyzed?	NA			
Subcontract Laboratory					
28. Are samples required to get sent to a subcontract laborate	-	No			
29. Was a subcontract laboratory specified by the client and	if so who?	NA	Subcontract Lab: na		
Client Instruction					

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





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Practical Solutions for a Better Tomorrow

Analytical Report

Souder Miller Associates - Carlsbad

Project Name: Enterprise A-18

Work Order: E207068

Job Number: 97057-0001

Received: 7/14/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 7/15/22

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: 7/15/22

Ashley Maxwell 201 S Halagueno St. Carlsbad, NM 88220

Project Name: Enterprise A-18

Workorder: E207068

Date Received: 7/14/2022 2:30:00PM

Ashley Maxwell,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/14/2022 2:30:00PM, under the Project Name: Enterprise A-18.

The analytical test results summarized in this report with the Project Name: Enterprise A-18 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

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labadmin@envirotech-inc.com

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Cell: 505-320-4759

ljarboe@envirotech-inc.com

Rayny Hagan
Technical Representative

West Texas Midland/Odessa Area

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 A-18	Reported:
201 S Halagueno St.	Project Number:	97057-0001	Keporteu:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	07/15/22 14:26

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH08 @ 38 - 39'	E207068-01A	Soil	07/06/22	07/14/22	Glass Jar, 4 oz.
BH08 @ 43 - 43.75'	E207068-02A	Soil	07/06/22	07/14/22	Glass Jar, 4 oz.
BH08 @ 44.75 - 45'	E207068-03A	Soil	07/06/22	07/14/22	Glass Jar, 4 oz.
BH08 @ 47.5 - 47.75'	E207068-04A	Soil	07/06/22	07/14/22	Glass Jar, 4 oz.
BH08 @ 49.75 - 50'	E207068-05A	Soil	07/06/22	07/14/22	Glass Jar, 4 oz.



Souder Miller Associates - Carlsbad	Project Name:	Enterprise A-18	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	7/15/2022 2:26:32PM

BH08 @ 38 - 39' E207068-01

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: RKS		Batch: 2229067
Benzene	ND	0.0250	1	07/14/22	07/15/22	
Ethylbenzene	ND	0.0250	1	07/14/22	07/15/22	
Toluene	ND	0.0250	1	07/14/22	07/15/22	
o-Xylene	ND	0.0250	1	07/14/22	07/15/22	
p,m-Xylene	ND	0.0500	1	07/14/22	07/15/22	
Total Xylenes	ND	0.0250	1	07/14/22	07/15/22	
Surrogate: 4-Bromochlorobenzene-PID		97.8 %	70-130	07/14/22	07/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2229067
Gasalina Panga Organics (C6 C10)	ND	20.0	1	07/14/22	07/15/22	

Gasoline Range Organics (C6-C10)	ND	20.0	1		07/14/22	07/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.9 %	70-130		07/14/22	07/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: JL	ı		Batch: 2229070
Diesel Range Organics (C10-C28)	ND	25.0	1		07/14/22	07/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1		07/14/22	07/14/22	
Surrogate: n-Nonane		96.0 %	50-200		07/14/22	07/14/22	

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	RAS		Batch: 2229069
Chloride	ND	20.0	1	07/14/22	07/15/22	

Souder Miller Associates - Carlsbad	Project Name: Enterp	rise A-18
201 S Halagueno St.	Project Number: 97057	-0001 Reported:
Carlsbad NM, 88220	Project Manager: Ashle	Maxwell 7/15/2022 2:26:32PM

BH08 @ 43 - 43.75'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	alyst: RKS		Batch: 2229067
Benzene	ND	0.0250	1	07/14/22	07/15/22	
Ethylbenzene	ND	0.0250	1	07/14/22	07/15/22	
Toluene	ND	0.0250	1	07/14/22	07/15/22	
o-Xylene	ND	0.0250	1	07/14/22	07/15/22	
p,m-Xylene	ND	0.0500	1	07/14/22	07/15/22	
Total Xylenes	ND	0.0250	1	07/14/22	07/15/22	
Surrogate: 4-Bromochlorobenzene-PID		97.9 %	70-130	07/14/22	07/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	alyst: RKS		Batch: 2229067
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/22	07/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	07/14/22	07/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	alyst: JL		Batch: 2229070
Diesel Range Organics (C10-C28)	ND	25.0	1	07/14/22	07/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/14/22	07/14/22	
Surrogate: n-Nonane		95.9 %	50-200	07/14/22	07/14/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: RAS		Batch: 2229069
Chloride	45.3	20.0	1	07/14/22	07/15/22	



Souder Miller Associates - Carlsbad	Project Name:	Enterprise A-18	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	7/15/2022 2:26:32PM

BH08 @ 44.75 - 45'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: RKS		Batch: 2229067
Benzene	ND	0.0250	1	07/14/22	07/15/22	
Ethylbenzene	ND	0.0250	1	07/14/22	07/15/22	
Toluene	ND	0.0250	1	07/14/22	07/15/22	
o-Xylene	ND	0.0250	1	07/14/22	07/15/22	
p,m-Xylene	ND	0.0500	1	07/14/22	07/15/22	
Total Xylenes	ND	0.0250	1	07/14/22	07/15/22	
Surrogate: 4-Bromochlorobenzene-PID		98.3 %	70-130	07/14/22	07/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: RKS		Batch: 2229067
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/22	07/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.8 %	70-130	07/14/22	07/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2229070
Diesel Range Organics (C10-C28)	ND	25.0	1	07/14/22	07/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/14/22	07/14/22	
Surrogate: n-Nonane		95.8 %	50-200	07/14/22	07/14/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: RAS		Batch: 2229069
		20.0		07/14/22	07/15/22	



Souder Miller Associates - Carlsbad	Project Name:	Enterprise A-18	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	7/15/2022 2:26:32PM

BH08 @ 47.5 - 47.75'

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2229067
ND	0.0250	1	07/14/22	07/15/22	
ND	0.0250	1	07/14/22	07/15/22	
ND	0.0250	1	07/14/22	07/15/22	
ND	0.0250	1	07/14/22	07/15/22	
ND	0.0500	1	07/14/22	07/15/22	
ND	0.0250	1	07/14/22	07/15/22	
	98.1 %	70-130	07/14/22	07/15/22	
mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2229067
ND	20.0	1	07/14/22	07/15/22	
	91.3 %	70-130	07/14/22	07/15/22	
mg/kg	mg/kg	Ana	lyst: JL		Batch: 2229070
48.5	25.0	1	07/14/22	07/14/22	
ND	50.0	1	07/14/22	07/14/22	
	112 %	50-200	07/14/22	07/14/22	
mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2229069
	mg/kg ND ND ND ND ND ND ND ND ND 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 mg/kg mg/kg ND 20.0 91.3 % mg/kg mg/kg mg/kg 48.5 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 98.1 % 70-130 mg/kg mg/kg Ana ND 20.0 1 91.3 % 70-130 mg/kg mg/kg Ana 48.5 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 07/14/22 ND 0.0250 1 07/14/22 ND 0.0250 1 07/14/22 ND 0.0250 1 07/14/22 ND 0.0500 1 07/14/22 ND 0.0250 1 07/14/22 mg/kg mg/kg Analyst: RKS ND 20.0 1 07/14/22 mg/kg mg/kg Analyst: JL mg/kg mg/kg Analyst: JL 48.5 25.0 1 07/14/22 ND 50.0 1 07/14/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 07/14/22 07/15/22 ND 0.0500 1 07/14/22 07/15/22 ND 0.0250 1 07/14/22 07/15/22 mg/kg mg/kg Analyst: RKS ND 20.0 1 07/14/22 07/15/22 mg/kg mg/kg Analyst: RKS ND 20.0 1 07/14/22 07/15/22 mg/kg mg/kg Analyst: JL 48.5 25.0 1 07/14/22 07/14/22 ND 50.0 1 07/14/22 07/14/22



Souder Miller Associates - Carlsbad	Project Name:	Enterprise A-18	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	7/15/2022 2:26:32PM

BH08 @ 49.75 - 50'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2229067
Benzene	ND	0.0250	1	07/14/22	07/15/22	
Ethylbenzene	ND	0.0250	1	07/14/22	07/15/22	
Toluene	ND	0.0250	1	07/14/22	07/15/22	
o-Xylene	ND	0.0250	1	07/14/22	07/15/22	
p,m-Xylene	ND	0.0500	1	07/14/22	07/15/22	
Total Xylenes	ND	0.0250	1	07/14/22	07/15/22	
Surrogate: 4-Bromochlorobenzene-PID		97.9 %	70-130	07/14/22	07/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2229067
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/22	07/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.7 %	70-130	07/14/22	07/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2229070
Diesel Range Organics (C10-C28)	55.0	25.0	1	07/14/22	07/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/14/22	07/14/22	
Surrogate: n-Nonane		95.2 %	50-200	07/14/22	07/14/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2229069
	20.6	20.0		07/14/22	07/15/22	



Souder Miller Associates - Carlsbad	Project Name:	Enterprise A-18	Reported:
201 S Halagueno St.	Project Number:	97057-0001	Reported.
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	7/15/2022 2:26:32PM
	Analyst: RKS		

Carisbad NM, 88220		Project Manager	r: As	sniey Maxwei	I			- //	15/2022 2:20:32PN
		Volatile (Organics b	y EPA 802	1B				Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2229067-BLK1)							Prepared: 0'	7/14/22 Ana	llyzed: 07/15/22
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: 4-Bromochlorobenzene-PID	7.75		8.00		96.9	70-130			
LCS (2229067-BS1)							Prepared: 0'	7/14/22 Ana	lyzed: 07/15/22
Benzene	4.29	0.0250	5.00		85.8	70-130			
Ethylbenzene	3.89	0.0250	5.00		77.8	70-130			
Toluene	4.16	0.0250	5.00		83.1	70-130			
o-Xylene	4.17	0.0250	5.00		83.4	70-130			
p,m-Xylene	8.04	0.0500	10.0		80.4	70-130			
Total Xylenes	12.2	0.0250	15.0		81.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.94		8.00		99.2	70-130			
LCS Dup (2229067-BSD1)							Prepared: 0'	7/14/22 Ana	alyzed: 07/15/22
Benzene	4.54	0.0250	5.00		90.7	70-130	5.52	20	
Ethylbenzene	4.09	0.0250	5.00		81.7	70-130	4.95	20	
Toluene	4.38	0.0250	5.00		87.7	70-130	5.31	20	
o-Xylene	4.40	0.0250	5.00		87.9	70-130	5.23	20	
p,m-Xylene	8.43	0.0500	10.0		84.3	70-130	4.81	20	
Total Xylenes	12.8	0.0250	15.0		85.5	70-130	4.95	20	



Souder Miller Associates - Carlsbad	Project Name:	Enterprise A-18	Reported:
201 S Halagueno St.	Project Number:	97057-0001	
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	7/15/2022 2:26:32PM

Carlsbad NM, 88220		Project Manager	r: As	hley Maxwel	1				7/15/2022 2:26:32PM
	Non	halogenated	Organics l	by EPA 801	15D - G	RO			Analyst: RKS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	
Blank (2229067-BLK1)							Prepared: 0	7/14/22	Analyzed: 07/15/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.24		8.00		90.5	70-130			
LCS (2229067-BS2)							Prepared: 0	7/14/22	Analyzed: 07/15/22
Gasoline Range Organics (C6-C10)	41.5	20.0	50.0		83.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.1	70-130			
LCS Dup (2229067-BSD2)							Prepared: 0	7/14/22	Analyzed: 07/15/22
Gasoline Range Organics (C6-C10)	43.4	20.0	50.0		86.9	70-130	4.48	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.1	70-130			



Souder Miller Associates - Carlsbad	Project Name:	Enterprise A-18	Reported:
201 S Halagueno St.	Project Number:	97057-0001	•
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	7/15/2022 2:26:32PM

	. 1 . T											
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: JL												
RP RPD Lir	PD mit											
% %	% Notes											
pared: 07/14/2	2 Analyzed: 07/14/22											
oared: 07/14/2	2 Analyzed: 07/14/22											
oared: 07/14/2	2 Analyzed: 07/14/22											
pared: 07/14/2	2 Analyzed: 07/14/22											
0.260 20	0											
	RPD Lin % 9 pared: 07/14/2 pared: 07/14/2 pared: 07/14/2											



Souder Miller Associates - Carlsbad 201 S Halagueno St.	Project Name: Project Number:	3					Reported:			
Carlsbad NM, 88220		Project Manager	r: A	shley Maxwel	1			7/15/2022 2:26:32PM		
	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 (2229069-BLK1)							Prepared: 07	7/14/22	Analyzed: 07/15/22	
Chloride	ND	20.0								
LCS (2229069-BS1)							Prepared: 07	7/14/22	Analyzed: 07/15/22	
Chloride	253	20.0	250		101	90-110				
LCS Dup (2229069-BSD1)							Prepared: 07	7/14/22	Analyzed: 07/15/22	
Chloride	253	20.0	250		101	90-110	0.198	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 A-18	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	07/15/22 14:26

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.



														2-D+	JY!	7/15/2		
		1.11.	÷ \	Cialat	Bill To	1	T		La	b Use	Use Only			TA	T	E	PA Program	
inch. K	مصيواما	0 A-1	7 A 500		Attention: Enterprise Field Address:	L Service	Lab	WO#	70(085	05 N	lumber	1000	1D	3D	RCRA	CWA	SDWA
ject Ma	anager: A	shlug	Maxu	Jel V	City, State, Zip		A COOLOG			A	Analysis and Method			1	-			ate
deace. '	2015	Have	quenc)	Phone:	-	-	T	П	Ť	1		T				NM CO	UT AZ
v, State	, Zio Cav	Isbac	LINM	88220			5	-51			1					1 1		
one: (5	(05) 3	20-00	175	- 1	Email:		801	108	_			2		_			TX OK	
ail: As) ort du	e by: 7/	15/20	22 (pr	miller.com			ORO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC - NM	XL.			
Time impled	Date Sampled	Matrix	No Containers	Sample ID		Lab Number	DRO/C	GRO/I	BTEX	VOC b	Meta	Chlori		BGDC	BGDOC.		Rei	marks
300	7/6/22	5	l	BH08@3	8-39	1								Х	_			
127	7/16/22	5	١	BH080 L	13-43.75	2								X				j
30	7/4/22	5	1	BH08 C4	4.75-45	3							_	X		4		
505	7/6/22	S	l	BHOB@4	7.5 - 47.75 '	4	_						_	X				
510	7/6/22	S	١	BHOB@	19.75-50'	5								X				
							_		-				_	-	-	++		
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ddition	nalInstru	ctions: P	lease	email to	Headher Woods + Sar	ahmay	Sc.	hl	La									
fie'd samp	ler), attest to t	he validity and	authenticity o	of this sample. I am aware	that tampering with a intentionally mislabelling the san	ple location, date o	r				Samp	les requiring led packed in	thermal pr ice at an a	eservations temp	er must b above 0	be received on it but less than if	e the day they ar Clor subsequent	e sampled or days
diagnich	ned by: (Sign	nature)	Dat	e Time	145 Received by: (Signature)	Date	20	Tim	5.	42	Re	ceived	on ice	: 6	Lab	Use Only N	r	
alinduis	ned by: (site	natuge)	Dat	-13-2 Time	15 Received by: (September 1)	Date ///4	1/22	2/	4:	30	<u>T1</u>			_ <u>I</u>	2		<u>T3</u>	
	ed by: (Sig		Dat		Received by: (Signature)	Date		Tin	ne			/G Tem						
	atom C Ecil	Sd - Solid S	- Sludee A.	Aqueous, O - Other		Contai	ner Ty	/pe: g	- glas	s, p -	ooly/	plastic,	ag - an	nber	glass,	v - VOA		
الما عادلانا	-lee are dies	arded 30 day	s after result	s are reported unless of	her arrangements are made. Hazardous samples	will be returned t	o client	t or dis	posed	of at the	clien	t expense	The re	port fo	r the ar	nalivsis of th	e apove samp	ies is appin

envirotech

only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Printed: 7/14/2022 3:56:02PM

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:	07/14/22	14:30	Work Order ID:	E207068
Phone:	(505) 325-7535	Date Logged In:	07/14/22	08:31	Logged In By:	Caitlin Christian
Email:	ashley.maxwell@soudermiller.com	Due Date:	07/15/22	17:00 (1 day TAT)		
~	G . 1 (GO G)					
	Custody (COC)		••			
	ne sample ID match the COC?	ah tha COC	Yes			
	ne number of samples per sampling site location mate	en the COC	Yes			
	amples dropped off by client or carrier?	4-410	Yes Yes	Carrier: Courier		
	e COC complete, i.e., signatures, dates/times, reques	ted analyses?				
5. were a	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 disucssio		Yes		Comment	ts/Resolution
	<u> [urn Around Time (TAT)</u>					
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (
	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	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			
	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	received w/i 15	Yes <u>C</u>			
Sample (<u>Container</u>					
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	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 Lal	· ·					
	field sample labels filled out with the minimum info	rmation:				
S	ample ID?		Yes			
	ate/Time Collected?		Yes			
	ollectors name?		No			
	Preservation	10				
	the COC or field labels indicate the samples were pro	eserved?	No			
	ample(s) correctly preserved?	4.1.0	NA			
	filteration required and/or requested for dissolved m	etais?	No			
	se Sample Matrix					
	the sample have more than one phase, i.e., multiphas		No			
27. If yes	, does the COC specify which phase(s) is to be analy	zed?	NA			
Subconti	act Laboratory					
	amples required to get sent to a subcontract laborator a subcontract laboratory specified by the client and if	-	No NA	Subcontract Lab: na		
Client I	<u>nstruction</u>					

Date

Hall Environmental Analysis Laboratory

TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109



July 27, 2022

Heather Woods Souder, Miller & Associates 201 S Halagueno Carlsbad, NM 88221 TEL: (575) 689-8801

FAX:

RE: Enterprise A 18 OrderNo.: 2207923

Dear Heather Woods:

Hall Environmental Analysis Laboratory received 8 sample(s) on 7/20/2022 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

Indes

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 7/27/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates

Client Sample ID: BH09 @ 20-20.5

Project: Enterprise A 18

Collection Date: 7/7/2022 9:55:00 AM

Lab ID: 2207923-001 **Matrix:** MEOH (SOIL) **Received Date:** 7/20/2022 6:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	ND	61	mg/Kg	20	7/22/2022 2:54:49 PM	68986
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: JME
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	7/22/2022 6:06:09 PM	68971
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	7/22/2022 6:06:09 PM	68971
Surr: DNOP	82.4	21-129	%Rec	1	7/22/2022 6:06:09 PM	68971
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	3.8	mg/Kg	1	7/20/2022 3:14:19 PM	G89634
Surr: BFB	102	37.7-212	%Rec	1	7/20/2022 3:14:19 PM	G89634
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.019	mg/Kg	1	7/20/2022 3:14:19 PM	B89634
Toluene	ND	0.038	mg/Kg	1	7/20/2022 3:14:19 PM	B89634
Ethylbenzene	ND	0.038	mg/Kg	1	7/20/2022 3:14:19 PM	B89634
Xylenes, Total	ND	0.077	mg/Kg	1	7/20/2022 3:14:19 PM	B89634
Surr: 4-Bromofluorobenzene	103	70-130	%Rec	1	7/20/2022 3:14:19 PM	B89634

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 12

Date Reported: 7/27/2022

Hall Environmental Analysis Laboratory, Inc.

 CLIENT:
 Souder, Miller & Associates
 Client Sample ID: BH09 @ 34.5-34.75

 Project:
 Enterprise A 18
 Collection Date: 7/7/2022 4:04:00 PM

 Lab ID:
 2207923-002
 Matrix: MEOH (SOIL)
 Received Date: 7/20/2022 6:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	NAI
Chloride	ND	60	mg/Kg	20	7/22/2022 3:32:03 PM	68986
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: JME
Diesel Range Organics (DRO)	ND	13	mg/Kg	1	7/22/2022 6:47:51 PM	68971
Motor Oil Range Organics (MRO)	ND	43	mg/Kg	1	7/22/2022 6:47:51 PM	68971
Surr: DNOP	82.2	21-129	%Rec	1	7/22/2022 6:47:51 PM	68971
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.3	mg/Kg	1	7/20/2022 3:38:19 PM	G89634
Surr: BFB	104	37.7-212	%Rec	1	7/20/2022 3:38:19 PM	G89634
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.026	mg/Kg	1	7/20/2022 3:38:19 PM	B89634
Toluene	ND	0.053	mg/Kg	1	7/20/2022 3:38:19 PM	B89634
Ethylbenzene	ND	0.053	mg/Kg	1	7/20/2022 3:38:19 PM	B89634
Xylenes, Total	ND	0.11	mg/Kg	1	7/20/2022 3:38:19 PM	B89634
Surr: 4-Bromofluorobenzene	104	70-130	%Rec	1	7/20/2022 3:38:19 PM	B89634

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 12

Date Reported: 7/27/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates

Client Sample ID: BH09 @ 44.5-45

Project: Enterprise A 18

Collection Date: 7/8/2022 8:00:00 AM

Lab ID: 2207923-003 **Matrix:** MEOH (SOIL) **Received Date:** 7/20/2022 6:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	ND	60	mg/Kg	20	7/22/2022 3:44:28 PM	68986
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: JME
Diesel Range Organics (DRO)	26	15	mg/Kg	1	7/22/2022 7:01:40 PM	68971
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/22/2022 7:01:40 PM	68971
Surr: DNOP	106	21-129	%Rec	1	7/22/2022 7:01:40 PM	68971
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	3.4	mg/Kg	1	7/20/2022 4:02:21 PM	G89634
Surr: BFB	107	37.7-212	%Rec	1	7/20/2022 4:02:21 PM	G89634
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.017	mg/Kg	1	7/20/2022 4:02:21 PM	B89634
Toluene	ND	0.034	mg/Kg	1	7/20/2022 4:02:21 PM	B89634
Ethylbenzene	ND	0.034	mg/Kg	1	7/20/2022 4:02:21 PM	B89634
Xylenes, Total	ND	0.067	mg/Kg	1	7/20/2022 4:02:21 PM	B89634
Surr: 4-Bromofluorobenzene	107	70-130	%Rec	1	7/20/2022 4:02:21 PM	B89634

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

Qualifiers:

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

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Date Reported: 7/27/2022

Hall Environmental Analysis Laboratory, Inc.

 CLIENT:
 Souder, Miller & Associates
 Client Sample ID: BH10 @ 10-10.5

 Project:
 Enterprise A 18
 Collection Date: 7/8/2022 9:50:00 AM

 Lab ID:
 2207923-004
 Matrix: MEOH (SOIL)
 Received Date: 7/20/2022 6:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	ND	60	mg/Kg	20	7/22/2022 3:56:52 PM	68986
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: JME
Diesel Range Organics (DRO)	ND	13	mg/Kg	1	7/22/2022 7:15:27 PM	68971
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	7/22/2022 7:15:27 PM	68971
Surr: DNOP	83.6	21-129	%Rec	1	7/22/2022 7:15:27 PM	68971
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	3.8	mg/Kg	1	7/20/2022 4:26:25 PM	G89634
Surr: BFB	104	37.7-212	%Rec	1	7/20/2022 4:26:25 PM	G89634
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.019	mg/Kg	1	7/20/2022 4:26:25 PM	B89634
Toluene	ND	0.038	mg/Kg	1	7/20/2022 4:26:25 PM	B89634
Ethylbenzene	ND	0.038	mg/Kg	1	7/20/2022 4:26:25 PM	B89634
Xylenes, Total	ND	0.077	mg/Kg	1	7/20/2022 4:26:25 PM	B89634
Surr: 4-Bromofluorobenzene	103	70-130	%Rec	1	7/20/2022 4:26:25 PM	B89634

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 4 of 12

Date Reported: 7/27/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: BH10 @ 15-15.5

 Project:
 Enterprise A 18
 Collection Date: 7/8/2022 10:03:00 AM

 Lab ID:
 2207923-005
 Matrix: MEOH (SOIL)
 Received Date: 7/20/2022 6:50:00 AM

Analyses	Result	RL	Qual Unit	s DI	F Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	ND	60	mg/l	(g 20	7/22/2022 4:09:16 PM	68986
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: JME
Diesel Range Organics (DRO)	ND	15	mg/l	(g 1	7/22/2022 7:29:29 PM	68971
Motor Oil Range Organics (MRO)	ND	49	mg/l	(g 1	7/22/2022 7:29:29 PM	68971
Surr: DNOP	88.4	21-129	%Re	c 1	7/22/2022 7:29:29 PM	68971
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	3.4	mg/l	(g 1	7/20/2022 4:50:29 PM	G89634
Surr: BFB	108	37.7-212	%Re	c 1	7/20/2022 4:50:29 PM	G89634
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.017	mg/l	(g 1	7/20/2022 4:50:29 PM	B89634
Toluene	ND	0.034	mg/l	(g 1	7/20/2022 4:50:29 PM	B89634
Ethylbenzene	ND	0.034	mg/l	(g 1	7/20/2022 4:50:29 PM	B89634
Xylenes, Total	ND	0.068	mg/l	(g 1	7/20/2022 4:50:29 PM	B89634
Surr: 4-Bromofluorobenzene	104	70-130	%Re	c 1	7/20/2022 4:50:29 PM	B89634

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 5 of 12

Client Sample ID: BH10 @ 30.25-30.75

Date Reported: 7/27/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates

Proiect: Enterprise A 18

 Project:
 Enterprise A 18
 Collection Date: 7/8/2022 11:28:00 AM

 Lab ID:
 2207923-006
 Matrix: MEOH (SOIL)
 Received Date: 7/20/2022 6:50:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: NAI Chloride ND 61 mg/Kg 20 7/22/2022 4:21:41 PM 68986 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: JME Diesel Range Organics (DRO) ND 14 mg/Kg 7/22/2022 7:43:04 PM 68971 ND Motor Oil Range Organics (MRO) 48 mg/Kg 1 7/22/2022 7:43:04 PM 68971 Surr: DNOP 96.0 21-129 %Rec 7/22/2022 7:43:04 PM 68971 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB 7/20/2022 5:14:33 PM Gasoline Range Organics (GRO) ND G89634 4.6 mg/Kg Surr: BFB 105 37.7-212 %Rec 7/20/2022 5:14:33 PM G89634 Analyst: NSB **EPA METHOD 8021B: VOLATILES** B89634 ND 7/20/2022 5:14:33 PM Benzene 0.023 mg/Kg Toluene ND 0.046 mg/Kg 7/20/2022 5:14:33 PM B89634 Ethylbenzene ND 0.046 mg/Kg 1 7/20/2022 5:14:33 PM B89634 Xylenes, Total ND 0.092 mg/Kg 7/20/2022 5:14:33 PM B89634 Surr: 4-Bromofluorobenzene 70-130 105 %Rec 7/20/2022 5:14:33 PM B89634

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 6 of 12

Date Reported: 7/27/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates

Project: Enterprise A 18

Client Sample ID: BH10 @ 34.25-34.5

Collection Date: 7/8/2022 12:15:00 PM

Lab ID: 2207923-007 **Matrix:** MEOH (SOIL) **Received Date:** 7/20/2022 6:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	ND	60	mg/Kg	20	7/22/2022 12:42:14 PM	68993
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: JME
Diesel Range Organics (DRO)	ND	13	mg/Kg	1	7/22/2022 7:57:08 PM	68971
Motor Oil Range Organics (MRO)	ND	44	mg/Kg	1	7/22/2022 7:57:08 PM	68971
Surr: DNOP	99.2	21-129	%Rec	1	7/22/2022 7:57:08 PM	68971
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.3	mg/Kg	1	7/20/2022 5:38:32 PM	G89634
Surr: BFB	120	37.7-212	%Rec	1	7/20/2022 5:38:32 PM	G89634
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.022	mg/Kg	1	7/20/2022 5:38:32 PM	B89634
Toluene	ND	0.043	mg/Kg	1	7/20/2022 5:38:32 PM	B89634
Ethylbenzene	ND	0.043	mg/Kg	1	7/20/2022 5:38:32 PM	B89634
Xylenes, Total	ND	0.087	mg/Kg	1	7/20/2022 5:38:32 PM	B89634
Surr: 4-Bromofluorobenzene	121	70-130	%Rec	1	7/20/2022 5:38:32 PM	B89634

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 7 of 12

Date Reported: 7/27/2022

Hall Environmental Analysis Laboratory, Inc.

 CLIENT:
 Souder, Miller & Associates
 Client Sample ID: BH10 @ 39.75-40

 Project:
 Enterprise A 18
 Collection Date: 7/8/2022 1:13:00 PM

 Lab ID:
 2207923-008
 Matrix: MEOH (SOIL)
 Received Date: 7/20/2022 6:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	ND	60	mg/Kg	20	7/22/2022 12:54:35 PM	68993
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	JME
Diesel Range Organics (DRO)	ND	13	mg/Kg	1	7/22/2022 8:10:45 PM	68971
Motor Oil Range Organics (MRO)	ND	42	mg/Kg	1	7/22/2022 8:10:45 PM	68971
Surr: DNOP	72.7	21-129	%Rec	1	7/22/2022 8:10:45 PM	68971
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.1	mg/Kg	1	7/20/2022 6:02:32 PM	G89634
Surr: BFB	105	37.7-212	%Rec	1	7/20/2022 6:02:32 PM	G89634
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.021	mg/Kg	1	7/20/2022 6:02:32 PM	B89634
Toluene	ND	0.041	mg/Kg	1	7/20/2022 6:02:32 PM	B89634
Ethylbenzene	ND	0.041	mg/Kg	1	7/20/2022 6:02:32 PM	B89634
Xylenes, Total	ND	0.082	mg/Kg	1	7/20/2022 6:02:32 PM	B89634
Surr: 4-Bromofluorobenzene	105	70-130	%Rec	1	7/20/2022 6:02:32 PM	B89634

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

2207923 27-Jul-22

WO#:

Client: Souder, Miller & Associates

Project: Enterprise A 18

Sample ID: MB-68993 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: **PBS** Batch ID: **68993** RunNo: **89746**

Prep Date: 7/22/2022 Analysis Date: 7/22/2022 SeqNo: 3195709 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-68993 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 68993 RunNo: 89746

Prep Date: 7/22/2022 Analysis Date: 7/22/2022 SeqNo: 3195710 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 94.6 90 110

Sample ID: MB-68986 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 68986 RunNo: 89714

Prep Date: 7/22/2022 Analysis Date: 7/22/2022 SeqNo: 3195885 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-68986 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 68986 RunNo: 89714

Prep Date: 7/22/2022 Analysis Date: 7/22/2022 SeqNo: 3195886 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 92.6 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

Page 9 of 12

Hall Environmental Analysis Laboratory, Inc.

2207923 27-Jul-22

WO#:

Client: Souder, Miller & Associates

Project: Enterprise A 18

Sample ID: MB-68971 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 68971 RunNo: 89747 Prep Date: 7/21/2022 Analysis Date: 7/22/2022 SeqNo: 3195798 Units: mg/Kg SPK value SPK Ref Val %REC LowLimit %RPD **RPDLimit** Analyte Result PQL HighLimit Qual Diesel Range Organics (DRO) ND 15 Motor Oil Range Organics (MRO) ND 50 Surr: DNOP 7.5 21 10.00 74.6 129 Sample ID: LCS-68971 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 68971 RunNo: 89747 Prep Date: 7/21/2022 Analysis Date: 7/22/2022 SeqNo: 3195799 Units: mg/Kg Analyte PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 64.4 Diesel Range Organics (DRO) 43 15 50.00 86.1 127 Surr: DNOP 3.4 5.000 67.4 21 129

Sample ID: 2207923-001AMS SampType: MS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: BH09 @ 20-20.5 Batch ID: 68971 RunNo: 89747 Prep Date: 7/21/2022 Analysis Date: 7/22/2022 SeqNo: 3195801 Units: mg/Kg Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 51 13 11.98 36.1 44.40 88.0 154 Surr: DNOP 2.9 4.440 65.6 21 129

Sample ID: 2207923-001AMSD SampType: MSD TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: BH09 @ 20-20.5 Batch ID: 68971 RunNo: 89747 Prep Date: 7/21/2022 Analysis Date: 7/22/2022 SeqNo: 3195802 Units: mg/Kg %RPD Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit **RPDLimit** Qual Analyte Diesel Range Organics (DRO) 93 14 46.73 11.98 174 36.1 154 58.4 33.9 RS Surr: DNOP 4.673 3.8 80.6 21 129 0 0

Qualifiers:

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

2207923 27-Jul-22

WO#:

Client: Souder, Miller & Associates

Project: Enterprise A 18

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

Client ID: PBS Batch ID: G89634 RunNo: 89634

Prep Date: Analysis Date: 7/20/2022 SeqNo: 3191714 Units: mg/Kg

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

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 1000 1000 102 37.7 212

Sample ID: 2.5ug gro Ics SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

1000

Client ID: LCSS Batch ID: G89634 RunNo: 89634

2000

Prep Date: Analysis Date: 7/20/2022 SeqNo: 3191715 Units: mg/Kg

Qual Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Gasoline Range Organics (GRO) 72.3 26 5.0 25.00 0 104 137

196

37.7

212

Qualifiers:

Surr: BFB

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

1.0

WO#: **2207923 27-Jul-22**

Client: Souder, Miller & Associates

Project: Enterprise A 18

SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: B89634 RunNo: 89634

Prep Date: Analysis Date: 7/20/2022 SeqNo: 3191729 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 1.000 101 70 130

1.000

Sample ID: 100ng btex Ics	Samp	Type: LC	S	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batc	h ID: B8	9634	F	RunNo: 8	9634				
Prep Date:	Analysis [Date: 7/	20/2022	\$	SeqNo: 3	191730	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.025	1.000	0	96.4	80	120			
Toluene	1.0	0.050	1.000	0	100	80	120			
Ethylbenzene	1.0	0.050	1.000	0	100	80	120			
Xylenes, Total	3.0	0.10	3.000	0	99.5	80	120			

104

70

130

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix

Surr: 4-Bromofluorobenzene

- 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 12 of 12



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

Clie	ent Name:	Souder, M Associate		Work	Order Numbe	er: 2207 9	923		RcptN	o: 1
Rec	ceived By:	Juan Roj	as	7/20/20	22 6:50:00 AI	М		Generally Charles		
Con	npleted By:	Cheyenn	e Cason	7/20/20	22 8:13:54 AI	М		Clark		
Rev	riewed By:	717-12	oliz					G, C		
<u>Cha</u>	in of Cus	stody								
1. 19	s Chain of C	ustody com	olete?			Yes	✓	No 🗌	Not Present	
2. F	low was the	sample deli	vered?			Courie	<u>er</u>			
Lo	g In									
0.00		npt made to	cool the sam	ples?		Yes	✓	No 🗌	NA 🗌	
4 11	lere all sam	nles receive	d at a tompor	ature of >0° C	to 6.0°C	v .		No 🗆		
T. V.	vere all sam	pies received	a at a terriper	atule of 20 C	10 6.0 C	Yes	V	140	NA 📙	
5. s	ample(s) in	proper conta	niner(s)?			Yes	✓	No 🗌		
6. Si	ufficient sam	nple volume	for indicated	test(s)?		Yes 9	/	No 🗌		
7. Ar	re samples ((except VOA	and ONG) p	roperly preserve	ed?	Yes	/	No 🗌		
8. W	/as preserva	ative added to	bottles?			Yes [No 🗸	NA 🗌	
9. R	eceived at le	east 1 vial wi	th headspace	e <1/4" for AQ V	OA?	Yes [No 🗌	NA 🗸	
10. V	Vere any sar	mple contain	ers received	broken?		Yes		No 🗸		
									# of preserved bottles checked	
		ork match bo ancies on ch	ttle labels? ain of custod	y)		Yes 5		No 🗌	for pH:	or>12 unless noted)
12. Ar	re matrices o	correctly ider	ntified on Cha	in of Custody?		Yes	/	No 🗌	Adjusted?	,
13. ls	it clear wha	t analyses w	ere requeste	d?		Yes 🛚		No 🗌		1200 1200
			e to be met? authorization.)		Yes 1	/	No 🗆 🧸	Checked by:	KPG 1-20-2
		ling (if ap)		,						
				with this order?		Yes		No 🗌	NA 🗸	
		Notified:			Date:		- Control of the Cont	-		
	By Who	om:	1		Via:	□ eMai		Phone Fax	☐ In Person	
	Regard	ing:		THE STATE OF THE S		Text is donesting	-	VI. N. ST. CO. ST. ST. ST. ST. ST. ST. ST. ST. ST. ST	STATE OF THE PERSON NAMED IN THE PERSON.	
	Client I	nstructions:		AV 4 III PAN AND CHARLES AND COMPANY			National College College			
16. <i>A</i>	Additional re	marks:								
17. c	Cooler Infor	mation								
-	Cooler No	The second second second	Condition	Seal Intact	Seal No	Seal Dat	е	Signed By		
	1	5.3	Good	Yes						
	2	0.9	Good	Yes						

Chain	O-Jo-	-	Turn-Around Time:	Time:					I			2		- NAMPO	Ξ	2	E	_	ceive
Client: Soud	er Mi	Client: Souder, Miller ? Associates	以 Standard	□ Rush	4				4		7	SIS		ANALYSIS LABORATORY	N.	Ė		≾ ر	d by (
			Project Name:	ii.					>	ww.	allenv	ironn	nenta	www.hallenvironmental.com		1			OCD
Mailing Addres	S. John	Mailing Address: 201 S. Halagueno	Enterprise	81- Y T			49	01 H	4901 Hawkins NE	s NE	1	endne	rane	Albuqueraue, NM 87109	37109	_			: 8/3
Carlsbow	NW	67200	Project #:				ř	Tel. 50	505-345-3975	-397		Fax	505-3	505-345-4107	07				/202
Phone #: (505)		716-2787									Anal	sis l	Sedu	est					24:
email or Fax#:	Heasther	Soudrmillereon	Project Manag	iger:		(1			-	\vdash	[†] О			(tr					15::
QA/QC Package: □ Standard		☐ Level 4 (Full Validation)	Headher	Looots	T	.208) s		bCB _i 2		SMIS	s '*Od		-	ıəsdA\t				-	34 PM
Accreditation:	□ Az C	npliance	ان ا	Headher W	Woon	TMB		280		1/78	105,			uəsə					
□ NELAC	□ Other		On Ice:	-E-Yes	oN 🗆	. /		8/s			4 ,			л Ч)					
□ EDD (Type)			# of Coolers:	7		BE I		əpi			هر د) w.					
2			Cooler Temp(including CF):	(including CF);	(2) 53-0-ES	0.24		oite				(AC	1/7/100/0	lifor					
Date Time	Matrix	Sample Name	Container Type and #	Preservative Type	6.9-0-6.9 HEAL NO.	\ X3T8	108:H9T	9G 1808	EDB (Me	S ARS by	B ,3 (C) 09Z8	9270 (56	O tal Co					
27/27 0955	S	BH09@20-20,5	(1) 402 Jar	1007	1	×	,			_	>	}						-	$\overline{}$
47/22 1604	V	BH09@345-3475	/	_	305	×	. 8				9			\vdash				<u> </u>	T
16/22 COSCO	S	3H09@ 44.5-45			003	2	R			_	92			-					T
16/22 0950	S	BH10@10-10.5			SC 4	7	۶		-	1	8		madi						T
16/22 1003	S	3410@ 15-15.S			500	2	9				۶						\vdash	┢	T
16/22 1128	40	BH 10 @ 30.25-30.75			900	ጲ					92								T
18/22 1215	S	BH 10@34.25-34.5			2007	S.	R				2						\vdash	\vdash	T
18/22 1313	~	BH100 39.75-40	7	1	0.68	8	Z				R								T
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7/19/72 \\8\\	Relinquished by	+ that	Received by:	Via:	Date Time	-												•	e 186 of
If necessary	samples sul	f necessary samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.	ntracted to other ac	credited laboratoric	es. This serves as notice of th	is possi	bility. /	Any sub	contrac	ted dat	a will be	clearly	notated	on the	analytica	al repor	با		-2 36



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

July 28, 2022

Ashley Maxwell Souder, Miller & Associates 201 S Halagueno Carlsbad, NM 88221 TEL: (575) 689-8801

FAX:

RE: Enterprise A 18 Set A OrderNo.: 2207C27

Dear Ashley Maxwell:

Hall Environmental Analysis Laboratory received 15 sample(s) on 7/26/2022 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

Indes

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 2207C27

Date Reported: 7/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: BH11 @ 15-15.5

Project: Enterprise A 18 Set A Collection Date: 7/11/2022 12:56:00 PM

Lab ID: 2207C27-001 **Matrix:** MEOH (SOIL) **Received Date:** 7/26/2022 6:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: NAI
Chloride	ND	60		mg/Kg	20	7/26/2022 10:47:40 AM	69062
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst	: JME
Diesel Range Organics (DRO)	ND	15	Н	mg/Kg	1	7/26/2022 10:34:48 AM	69054
Motor Oil Range Organics (MRO)	ND	49	Н	mg/Kg	1	7/26/2022 10:34:48 AM	69054
Surr: DNOP	91.1	21-129	Н	%Rec	1	7/26/2022 10:34:48 AM	69054
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.4	Н	mg/Kg	1	7/26/2022 8:52:14 AM	G89788
Surr: BFB	100	37.7-212	Н	%Rec	1	7/26/2022 8:52:14 AM	G89788
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	ND	0.022	Н	mg/Kg	1	7/26/2022 8:52:14 AM	B89788
Toluene	ND	0.044	Н	mg/Kg	1	7/26/2022 8:52:14 AM	B89788
Ethylbenzene	ND	0.044	Н	mg/Kg	1	7/26/2022 8:52:14 AM	B89788
Xylenes, Total	ND	0.088	Н	mg/Kg	1	7/26/2022 8:52:14 AM	B89788
Surr: 4-Bromofluorobenzene	95.8	70-130	Н	%Rec	1	7/26/2022 8:52:14 AM	B89788

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 20

Ethylbenzene

Xylenes, Total

Surr: 4-Bromofluorobenzene

Analytical Report

Lab Order 2207C27

Date Reported: 7/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: BH11 @ 20-20.5

 Project:
 Enterprise A 18 Set A
 Collection Date: 7/11/2022 1:08:00 PM

 Lab ID:
 2207C27-002
 Matrix: MEOH (SOIL)
 Received Date: 7/26/2022 6:30:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: NAI Chloride ND 60 mg/Kg 20 7/26/2022 11:00:04 AM 69062 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: JME Diesel Range Organics (DRO) 15 Н mg/Kg 7/26/2022 10:48:30 AM Motor Oil Range Organics (MRO) ND 49 Н mg/Kg 1 7/26/2022 10:48:30 AM 69054 Surr: DNOP 87.5 21-129 Н %Rec 1 7/26/2022 10:48:30 AM 69054 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND mg/Kg 7/26/2022 9:15:41 AM G89788 3.3 Н 1 Surr: BFB 98.4 37.7-212 %Rec 7/26/2022 9:15:41 AM G89788 Н **EPA METHOD 8021B: VOLATILES** Analyst: NSB ND 0.017 7/26/2022 9:15:41 AM B89788 Benzene Н mg/Kg 1 Toluene ND 0.033 Н mg/Kg 7/26/2022 9:15:41 AM B89788

ND

ND

93.8

0.033

0.067

70-130

Н

Н

Н

mg/Kg

mg/Kg

%Rec

1

7/26/2022 9:15:41 AM

7/26/2022 9:15:41 AM

7/26/2022 9:15:41 AM

B89788

B89788

B89788

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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Project:

Analytical Report

Lab Order 2207C27

Collection Date: 7/13/2022 9:06:00 AM

Date Reported: 7/28/2022

Hall Environmental Analysis Laboratory, Inc.

Enterprise A 18 Set A

CLIENT: Souder, Miller & Associates Client Sample ID: BH11 @ 32-32.25

Lab ID: 2207C27-003 **Matrix:** MEOH (SOIL) **Received Date:** 7/26/2022 6:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: NAI
Chloride	ND	60	mg/Kg	20	7/26/2022 11:12:28 AM	69062
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: JME
Diesel Range Organics (DRO)	ND	13	mg/Kg	1	7/26/2022 11:02:11 AM	69054
Motor Oil Range Organics (MRO)	ND	42	mg/Kg	1	7/26/2022 11:02:11 AM	69054
Surr: DNOP	96.9	21-129	%Rec	1	7/26/2022 11:02:11 AM	69054
EPA METHOD 8015D: GASOLINE RANGE					Analys	: NSB
Gasoline Range Organics (GRO)	ND	3.9	mg/Kg	1	7/26/2022 10:02:49 AM	G89788
Surr: BFB	105	37.7-212	%Rec	1	7/26/2022 10:02:49 AM	G89788
EPA METHOD 8021B: VOLATILES					Analys	: NSB
Benzene	ND	0.019	mg/Kg	1	7/26/2022 10:02:49 AM	B89788
Toluene	ND	0.039	mg/Kg	1	7/26/2022 10:02:49 AM	B89788
Ethylbenzene	ND	0.039	mg/Kg	1	7/26/2022 10:02:49 AM	B89788
Xylenes, Total	ND	0.078	mg/Kg	1	7/26/2022 10:02:49 AM	B89788
Surr: 4-Bromofluorobenzene	96.4	70-130	%Rec	1	7/26/2022 10:02:49 AM	B89788

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 2207C27

Date Reported: 7/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: BH11 @ 34-34.25

 Project:
 Enterprise A 18 Set A
 Collection Date: 7/13/2022 9:11:00 AM

 Lab ID:
 2207C27-004
 Matrix: MEOH (SOIL)
 Received Date: 7/26/2022 6:30:00 AM

Result **RL Qual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: NAI Chloride ND 60 mg/Kg 20 7/26/2022 11:24:53 AM 69062 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: JME Diesel Range Organics (DRO) 13 mg/Kg 7/26/2022 11:15:59 AM Motor Oil Range Organics (MRO) ND 43 mg/Kg 1 7/26/2022 11:15:59 AM 69054 Surr: DNOP 92.4 21-129 %Rec 7/26/2022 11:15:59 AM 69054 Analyst: NSB **EPA METHOD 8015D: GASOLINE RANGE** Gasoline Range Organics (GRO) ND 7/26/2022 10:26:23 AM G89788 4.5 mg/Kg Surr: BFB 100 37.7-212 %Rec 7/26/2022 10:26:23 AM **EPA METHOD 8021B: VOLATILES** Analyst: NSB ND 0.022 7/26/2022 10:26:23 AM Benzene mg/Kg B89788 Toluene ND 0.045 mg/Kg 7/26/2022 10:26:23 AM Ethylbenzene ND 0.045 mg/Kg 1 7/26/2022 10:26:23 AM B89788 Xylenes, Total ND 0.089 mg/Kg 7/26/2022 10:26:23 AM B89788 Surr: 4-Bromofluorobenzene 70-130 96.0 %Rec 7/26/2022 10:26:23 AM B89788

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 2207C27

Date Reported: 7/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: BH11 @ 35-40

Project: Enterprise A 18 Set A **Collection Date:** 7/13/2022 9:41:00 AM

Lab ID: 2207C27-005 **Matrix:** MEOH (SOIL) **Received Date:** 7/26/2022 6:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	ND	61	mg/Kg	20	7/26/2022 11:37:17 AM	69062
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: ЈМЕ
Diesel Range Organics (DRO)	110	13	mg/Kg	1	7/26/2022 11:29:46 AM	69054
Motor Oil Range Organics (MRO)	510	44	mg/Kg	1	7/26/2022 11:29:46 AM	69054
Surr: DNOP	88.9	21-129	%Rec	1	7/26/2022 11:29:46 AM	69054
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	3.8	mg/Kg	1	7/26/2022 10:49:58 AM	G89788
Surr: BFB	102	37.7-212	%Rec	1	7/26/2022 10:49:58 AM	G89788
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.019	mg/Kg	1	7/26/2022 10:49:58 AM	B89788
Toluene	ND	0.038	mg/Kg	1	7/26/2022 10:49:58 AM	B89788
Ethylbenzene	ND	0.038	mg/Kg	1	7/26/2022 10:49:58 AM	B89788
Xylenes, Total	ND	0.076	mg/Kg	1	7/26/2022 10:49:58 AM	B89788
Surr: 4-Bromofluorobenzene	97.6	70-130	%Rec	1	7/26/2022 10:49:58 AM	B89788

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 2207C27

Date Reported: 7/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: BH11 @ 40-45

Project: Enterprise A 18 Set A Collection Date: 7/13/2022 10:00:00 AM

Lab ID: 2207C27-006 **Matrix:** MEOH (SOIL) **Received Date:** 7/26/2022 6:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	ND	61	mg/Kg	20	7/26/2022 11:49:41 AM	69062
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: ЈМЕ
Diesel Range Organics (DRO)	60	15	mg/Kg	1	7/26/2022 2:15:39 PM	69054
Motor Oil Range Organics (MRO)	180	49	mg/Kg	1	7/26/2022 2:15:39 PM	69054
Surr: DNOP	85.1	21-129	%Rec	1	7/26/2022 2:15:39 PM	69054
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	3.8	mg/Kg	1	7/26/2022 11:13:34 AM	G89788
Surr: BFB	104	37.7-212	%Rec	1	7/26/2022 11:13:34 AM	G89788
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.019	mg/Kg	1	7/26/2022 11:13:34 AM	B89788
Toluene	ND	0.038	mg/Kg	1	7/26/2022 11:13:34 AM	B89788
Ethylbenzene	ND	0.038	mg/Kg	1	7/26/2022 11:13:34 AM	B89788
Xylenes, Total	ND	0.076	mg/Kg	1	7/26/2022 11:13:34 AM	B89788
Surr: 4-Bromofluorobenzene	96.0	70-130	%Rec	1	7/26/2022 11:13:34 AM	B89788

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 2207C27

Date Reported: 7/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: BH11 @ 45-50

 Project:
 Enterprise A 18 Set A
 Collection Date: 7/13/2022 10:11:00 AM

 Lab ID:
 2207C27-007
 Matrix: MEOH (SOIL)
 Received Date: 7/26/2022 6:30:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: NAI Chloride 84 60 mg/Kg 7/26/2022 12:02:06 PM 69062 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: JME Diesel Range Organics (DRO) 57 14 mg/Kg 7/26/2022 9:52:27 AM 69054 Motor Oil Range Organics (MRO) 140 45 mg/Kg 1 7/26/2022 9:52:27 AM 69054 Surr: DNOP 110 21-129 %Rec 7/26/2022 9:52:27 AM 69054 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 7/26/2022 11:37:17 AM G89788 3.6 mg/Kg Surr: BFB 100 37.7-212 %Rec 7/26/2022 11:37:17 AM G89788 **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.018 7/26/2022 11:37:17 AM mg/Kg B89788 Toluene ND 0.036 mg/Kg 7/26/2022 11:37:17 AM B89788 Ethylbenzene ND 0.036 mg/Kg 1 7/26/2022 11:37:17 AM B89788 Xylenes, Total ND 0.072 mg/Kg 7/26/2022 11:37:17 AM B89788 Surr: 4-Bromofluorobenzene 70-130 98.0 %Rec 7/26/2022 11:37:17 AM B89788

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 2207C27

Date Reported: 7/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: BH12 @ 5-5.5

 Project:
 Enterprise A 18 Set A
 Collection Date: 7/11/2022 2:12:00 PM

 Lab ID:
 2207C27-008
 Matrix: MEOH (SOIL)
 Received Date: 7/26/2022 6:30:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: NAI Chloride ND 60 mg/Kg 20 7/26/2022 12:14:30 PM 69062 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: JME Diesel Range Organics (DRO) 14 Н mg/Kg 7/26/2022 10:16:08 AM Motor Oil Range Organics (MRO) ND 48 Н mg/Kg 1 7/26/2022 10:16:08 AM 69054 Surr: DNOP 105 21-129 Н %Rec 1 7/26/2022 10:16:08 AM 69054 Analyst: NSB **EPA METHOD 8015D: GASOLINE RANGE** 7/26/2022 12:00:55 PM Gasoline Range Organics (GRO) ND mg/Kg G89788 Н 1 3.1 Surr: BFB 102 37.7-212 %Rec 7/26/2022 12:00:55 PM Н **EPA METHOD 8021B: VOLATILES** Analyst: NSB ND 7/26/2022 12:00:55 PM Benzene 0.016 Н mg/Kg B89788 1 Toluene ND 0.031 Н mg/Kg 7/26/2022 12:00:55 PM Ethylbenzene ND 0.031 Н mg/Kg 1 7/26/2022 12:00:55 PM B89788 Xylenes, Total ND 0.063 mg/Kg 7/26/2022 12:00:55 PM B89788 Н Surr: 4-Bromofluorobenzene 70-130 97.2 Н %Rec 7/26/2022 12:00:55 PM B89788

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 2207C27

Date Reported: 7/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: BH12 @ 15-15.5

 Project:
 Enterprise A 18 Set A
 Collection Date: 7/11/2022 2:38:00 PM

 Lab ID:
 2207C27-009
 Matrix: MEOH (SOIL)
 Received Date: 7/26/2022 6:30:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: NAI Chloride ND 60 mg/Kg 20 7/26/2022 12:51:44 PM 69062 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: **JME** Diesel Range Organics (DRO) 13 Н mg/Kg 7/26/2022 10:39:47 AM Motor Oil Range Organics (MRO) ND 42 Н mg/Kg 1 7/26/2022 10:39:47 AM 69054 Surr: DNOP 99.9 21-129 Н %Rec 1 7/26/2022 10:39:47 AM 69054 Analyst: NSB **EPA METHOD 8015D: GASOLINE RANGE** 7/26/2022 12:24:38 PM Gasoline Range Organics (GRO) ND mg/Kg G89788 4.4 Н 1 Surr: BFB 102 37.7-212 %Rec 7/26/2022 12:24:38 PM Н **EPA METHOD 8021B: VOLATILES** Analyst: NSB ND 0.022 7/26/2022 12:24:38 PM Benzene Н mg/Kg B89788 1 Toluene ND 0.044 Н mg/Kg 7/26/2022 12:24:38 PM Ethylbenzene ND 0.044 Н mg/Kg 1 7/26/2022 12:24:38 PM B89788 Xylenes, Total ND 0.089 mg/Kg 7/26/2022 12:24:38 PM B89788 Н Surr: 4-Bromofluorobenzene 70-130 98.2 Н %Rec 7/26/2022 12:24:38 PM B89788

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 2207C27

Date Reported: 7/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates

Client Sample ID: BH12 @ 26.5-26.75

Project: Enterprise A 18 Set A

Collection Date: 7/12/2022 2:16:00 PM

Lab ID: 2207C27-010

Matrix: MEOH (SOIL)

Received Date: 7/26/2022 6:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	ND	60	mg/Kg	20	7/26/2022 1:04:08 PM	69062
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: ЈМЕ
Diesel Range Organics (DRO)	ND	13	mg/Kg	1	7/26/2022 11:03:25 AM	69054
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	7/26/2022 11:03:25 AM	69054
Surr: DNOP	101	21-129	%Rec	1	7/26/2022 11:03:25 AM	69054
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	3.7	mg/Kg	1	7/26/2022 1:12:06 PM	G89788
Surr: BFB	100	37.7-212	%Rec	1	7/26/2022 1:12:06 PM	G89788
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.018	mg/Kg	1	7/26/2022 1:12:06 PM	B89788
Toluene	ND	0.037	mg/Kg	1	7/26/2022 1:12:06 PM	B89788
Ethylbenzene	ND	0.037	mg/Kg	1	7/26/2022 1:12:06 PM	B89788
Xylenes, Total	ND	0.074	mg/Kg	1	7/26/2022 1:12:06 PM	B89788
Surr: 4-Bromofluorobenzene	97.5	70-130	%Rec	1	7/26/2022 1:12:06 PM	B89788

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 2207C27

Date Reported: 7/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates

Project: Enterprise A 18 Set A

Lab ID: 2207C27-011

Matrix: MEOH (SOIL)

Client Sample ID: BH12 @ 30.75-31.25

Collection Date: 7/12/2022 2:44:00 PM

Received Date: 7/26/2022 6:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	ND	60	mg/Kg	20	7/26/2022 1:16:33 PM	69062
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: JME
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	7/26/2022 11:27:07 AM	69054
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	7/26/2022 11:27:07 AM	69054
Surr: DNOP	100	21-129	%Rec	1	7/26/2022 11:27:07 AM	69054
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	3.9	mg/Kg	1	7/26/2022 1:35:58 PM	G89788
Surr: BFB	108	37.7-212	%Rec	1	7/26/2022 1:35:58 PM	G89788
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.019	mg/Kg	1	7/26/2022 1:35:58 PM	B89788
Toluene	ND	0.039	mg/Kg	1	7/26/2022 1:35:58 PM	B89788
Ethylbenzene	ND	0.039	mg/Kg	1	7/26/2022 1:35:58 PM	B89788
Xylenes, Total	ND	0.078	mg/Kg	1	7/26/2022 1:35:58 PM	B89788
Surr: 4-Bromofluorobenzene	99.0	70-130	%Rec	1	7/26/2022 1:35:58 PM	B89788

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 2207C27

Date Reported: 7/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates

Client Sample ID: BH12 @ 35.75-36

Project: Enterprise A 18 Set A

Collection Date: 7/12/2022 3:07:00 PM

Lab ID: 2207C27-012 **Matrix:** MEOH (SOIL) **Received Date:** 7/26/2022 6:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	: NAI
Chloride	ND	60	mg/Kg	20	7/26/2022 1:28:57 PM	69062
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	:: JME
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	7/26/2022 11:50:47 AM	69054
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	7/26/2022 11:50:47 AM	69054
Surr: DNOP	93.7	21-129	%Rec	1	7/26/2022 11:50:47 AM	69054
EPA METHOD 8015D: GASOLINE RANGE					Analys	: NSB
Gasoline Range Organics (GRO)	ND	4.5	mg/Kg	1	7/26/2022 1:59:51 PM	G89788
Surr: BFB	102	37.7-212	%Rec	1	7/26/2022 1:59:51 PM	G89788
EPA METHOD 8021B: VOLATILES					Analys	: NSB
Benzene	ND	0.022	mg/Kg	1	7/26/2022 1:59:51 PM	B89788
Toluene	ND	0.045	mg/Kg	1	7/26/2022 1:59:51 PM	B89788
Ethylbenzene	ND	0.045	mg/Kg	1	7/26/2022 1:59:51 PM	B89788
Xylenes, Total	ND	0.090	mg/Kg	1	7/26/2022 1:59:51 PM	B89788
Surr: 4-Bromofluorobenzene	96.6	70-130	%Rec	1	7/26/2022 1:59:51 PM	B89788

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 2207C27

Date Reported: 7/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: BH12 @ 38-38.5

Project: Enterprise A 18 Set A **Collection Date:** 7/12/2022 3:12:00 PM

Lab ID: 2207C27-013 **Matrix:** MEOH (SOIL) **Received Date:** 7/26/2022 6:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	: NAI
Chloride	ND	60	mg/Kg	20	7/26/2022 1:41:21 PM	69062
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analys	t: JME
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	7/26/2022 12:14:29 PM	69054
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/26/2022 12:14:29 PM	69054
Surr: DNOP	105	21-129	%Rec	1	7/26/2022 12:14:29 PM	69054
EPA METHOD 8015D: GASOLINE RANGE					Analys	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/26/2022 2:23:40 PM	G89788
Surr: BFB	104	37.7-212	%Rec	1	7/26/2022 2:23:40 PM	G89788
EPA METHOD 8021B: VOLATILES					Analys	: NSB
Benzene	ND	0.025	mg/Kg	1	7/26/2022 2:23:40 PM	B89788
Toluene	ND	0.049	mg/Kg	1	7/26/2022 2:23:40 PM	B89788
Ethylbenzene	ND	0.049	mg/Kg	1	7/26/2022 2:23:40 PM	B89788
Xylenes, Total	ND	0.098	mg/Kg	1	7/26/2022 2:23:40 PM	B89788
Surr: 4-Bromofluorobenzene	97.3	70-130	%Rec	1	7/26/2022 2:23:40 PM	B89788

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 2207C27

Date Reported: 7/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates

Client Sample ID: BH12 @ 41.25-41.5

Project: Enterprise A 18 Set A

Collection Date: 7/12/2022 3:24:00 PM

Lab ID: 2207C27-014

Matrix: MEOH (SOIL)

Received Date: 7/26/2022 6:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JTT
Chloride	ND	59	mg/Kg	20	7/26/2022 10:37:28 AM	69063
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: JME
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	7/26/2022 12:38:08 PM	69054
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	7/26/2022 12:38:08 PM	69054
Surr: DNOP	102	21-129	%Rec	1	7/26/2022 12:38:08 PM	69054
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	3.6	mg/Kg	1	7/26/2022 2:47:31 PM	G89788
Surr: BFB	105	37.7-212	%Rec	1	7/26/2022 2:47:31 PM	G89788
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.018	mg/Kg	1	7/26/2022 2:47:31 PM	B89788
Toluene	ND	0.036	mg/Kg	1	7/26/2022 2:47:31 PM	B89788
Ethylbenzene	ND	0.036	mg/Kg	1	7/26/2022 2:47:31 PM	B89788
Xylenes, Total	ND	0.072	mg/Kg	1	7/26/2022 2:47:31 PM	B89788
Surr: 4-Bromofluorobenzene	98.3	70-130	%Rec	1	7/26/2022 2:47:31 PM	B89788

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 2207C27

Date Reported: 7/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates

Client Sample ID: BH12 @ 43.75-44

Project: Enterprise A 18 Set A

Collection Date: 7/12/2022 3:32:00 PM

Lab ID: 2207C27-015 **Matrix:** MEOH (SOIL) **Received Date:** 7/26/2022 6:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JTT
Chloride	ND	60	mg/Kg	20	7/26/2022 10:49:49 AM	69063
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: JME
Diesel Range Organics (DRO)	ND	13	mg/Kg	1	7/26/2022 1:01:58 PM	69054
Motor Oil Range Organics (MRO)	ND	42	mg/Kg	1	7/26/2022 1:01:58 PM	69054
Surr: DNOP	107	21-129	%Rec	1	7/26/2022 1:01:58 PM	69054
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	3.5	mg/Kg	1	7/26/2022 3:11:18 PM	G89788
Surr: BFB	101	37.7-212	%Rec	1	7/26/2022 3:11:18 PM	G89788
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.017	mg/Kg	1	7/26/2022 3:11:18 PM	B89788
Toluene	ND	0.035	mg/Kg	1	7/26/2022 3:11:18 PM	B89788
Ethylbenzene	ND	0.035	mg/Kg	1	7/26/2022 3:11:18 PM	B89788
Xylenes, Total	ND	0.070	mg/Kg	1	7/26/2022 3:11:18 PM	B89788
Surr: 4-Bromofluorobenzene	96.9	70-130	%Rec	1	7/26/2022 3:11:18 PM	B89788

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2207C27**

28-Jul-22

Client: Souder, Miller & Associates

Project: Enterprise A 18 Set A

Sample ID: MB-69063 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 69063 RunNo: 89792

Prep Date: 7/26/2022 Analysis Date: 7/26/2022 SeqNo: 3198494 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-69063 SampType: Ics TestCode: EPA Method 300.0: Anions Client ID: LCSS Batch ID: 69063 RunNo: 89792 Prep Date: 7/26/2022 Analysis Date: 7/26/2022 SeqNo: 3198495 Units: mg/Kg %RPD **RPDLimit** Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit Qual

96.2

110

Sample ID: MB-69062 SampType: mblk TestCode: EPA Method 300.0: Anions

15.00

Client ID: PBS Batch ID: 69062 RunNo: 89791

1.5

14

Prep Date: 7/26/2022 Analysis Date: 7/26/2022 SeqNo: 3198665 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-69062 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 69062 RunNo: 89791

Prep Date: 7/26/2022 Analysis Date: 7/26/2022 SeqNo: 3198666 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 92.7 90 110

Qualifiers:

Chloride

- 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.

Result

43

4.4

PQL

15

2207C27 28-Jul-22

WO#:

%RPD

HighLimit

127

129

RPDLimit

Qual

Client: Souder, Miller & Associates

Project: Enterprise A 18 Set A

Sample ID: MB-69054	Samp ⁻	Гуре: МЕ	BLK	TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: PBS		h ID: 69 0			RunNo: 8			oo	g				
Prep Date: 7/26/2022	Analysis [Date: 7/ 2	26/2022	9	SeqNo: 3	197314	Units: mg/K	g					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Diesel Range Organics (DRO)	ND	15											
Motor Oil Range Organics (MRO)	ND	50											
Surr: DNOP	8.9		10.00		89.0	21	129						
Sample ID: LCS-69054	Samp	Type: LC	s	Tes	tCode: El	PA Method	8015M/D: Die	sel Range	Organics				
Client ID: LCSS	Batc	h ID: 69 0	054	F	RunNo: 8	9781							
Prep Date: 7/26/2022	Analysis [Date: 7/	26/2022	5	SegNo: 3	197315	Units: mq/K	a					

SPK value SPK Ref Val %REC

0

50.00

5.000

LowLimit

64.4

21

85.4

88.6

Qualifiers:

Analyte

Surr: DNOP

Diesel Range Organics (DRO)

- 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#: **2207C27**

28-Jul-22

Client:	Souder, Miller & Associates
Project:	Enterprise A 18 Set A

Project: Ente	rprise A 18 Set	A								
Sample ID: mb	SampTy	ype: ME	BLK	Tes	tCode: EF	PA Method	8015D: Gaso	ine Range		
Client ID: PBS	Batch	ID: G8	9788	F	RunNo: 89	9788				
Prep Date:	Analysis Da	ate: 7/ 2	26/2022	5	SeqNo: 31	197802	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO) Surr: BFB) ND 1000	5.0	1000		101	37.7	212			
Sample ID: 2.5ug gro lcs	SampTy	ype: LC	s	Tes	tCode: EF	PA Method	8015D: Gaso	ine Range		
Client ID: LCSS	Batch	ID: G8	9788	F	RunNo: 89	9788				
Prep Date:	Analysis Da	ate: 7/ 2	26/2022	5	SeqNo: 31	197803	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)		5.0	25.00	0	101	72.3	137			
Surr: BFB	2000		1000		202	37.7	212			
Sample ID: 2207c27-001a	ams SampTy	ype: MS	3	Tes	tCode: EF	PA Method	8015D: Gaso	ine Range		
Client ID: BH11 @ 15-1	5.5 Batch	ID: G8	9788	F	RunNo: 89	9788				
Prep Date:	Analysis Da	ate: 7/ 2	26/2022	5	SeqNo: 31	197804	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)		4.4	22.03	0	101	70	130			Н
Surr: BFB	1800		881.1		210	37.7	212			
			001.1		210	01.1	212			H
Sample ID: 2207c27-001a		ype: MS		Tes			8015D: Gaso	ine Range		П
	amsd SampTy	ype: MS	SD			PA Method		ine Range		
Sample ID: 2207c27-001a	amsd SampTy	ID: G8	SD 9788	F	tCode: EF	PA Method 9788		J		П
Sample ID: 2207c27-001a Client ID: BH11 @ 15-19	amsd SampTy 5.5 Batch	ID: G8	SD 9788 26/2022	F	tCode: EF RunNo: 8 9	PA Method 9788	8015D: Gaso	J	RPDLimit	Qual
Sample ID: 2207c27-001a Client ID: BH11 @ 15-19 Prep Date: Analyte Gasoline Range Organics (GRO)	SampTy 5.5 Batch Analysis Da Result) 23	ID: G8 ate: 7/ 2	9788 26/2022 SPK value 22.03	F	tCode: EF RunNo: 89 SeqNo: 31 %REC 103	PA Method 9788 197805 LowLimit 70	8015D: Gasol Units: mg/K HighLimit 130	9 %RPD 1.53	RPDLimit 20	Qual H
Sample ID: 2207c27-001a Client ID: BH11 @ 15-19 Prep Date: Analyte	amsd SampTy 5.5 Batch Analysis Da	ID: G8 ate: 7/ 2	9788 26/2022 SPK value	SPK Ref Val	tCode: EF RunNo: 89 SeqNo: 3 1 %REC	PA Method 9788 197805 LowLimit	8015D: Gaso l Units: mg/K HighLimit	g %RPD	RPDLimit	Qual
Sample ID: 2207c27-001a Client ID: BH11 @ 15-19 Prep Date: Analyte Gasoline Range Organics (GRO)	SampTy 5.5 Batch Analysis Da Result) 23	ID: G8 ate: 7 /2 PQL 4.4	9788 26/2022 SPK value 22.03 881.1	SPK Ref Val	tCode: EF RunNo: 89 SeqNo: 31 %REC 103 208	PA Method 9788 197805 LowLimit 70 37.7	8015D: Gasol Units: mg/K HighLimit 130	%RPD 1.53 0	RPDLimit 20 0	Qual H
Sample ID: 2207c27-001a Client ID: BH11 @ 15-19 Prep Date: Analyte Gasoline Range Organics (GRO) Surr: BFB	Amsd SampTy 5.5 Batch Analysis Da Result) 23 1800 SampTy	ID: G8 ate: 7 /2 PQL 4.4	9788 26/2022 SPK value 22.03 881.1	SPK Ref Val 0	tCode: EF RunNo: 89 SeqNo: 31 %REC 103 208	PA Method 9788 197805 LowLimit 70 37.7	8015D: Gasol Units: mg/K HighLimit 130 212	%RPD 1.53 0	RPDLimit 20 0	Qual H
Sample ID: 2207c27-001a Client ID: BH11 @ 15-19 Prep Date: Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID: mb-69034	Amsd SampTy 5.5 Batch Analysis Da Result) 23 1800 SampTy	PQL 4.4 //Pe: ME	SPK value 22.03 881.1	SPK Ref Val 0	tCode: EF RunNo: 89 SeqNo: 31 %REC 103 208 tCode: EF	PA Method 9788 197805 LowLimit 70 37.7 PA Method	8015D: Gasol Units: mg/K HighLimit 130 212	%RPD 1.53 0	RPDLimit 20 0	Qual H
Sample ID: 2207c27-001a Client ID: BH11 @ 15-19 Prep Date: Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID: mb-69034 Client ID: PBS	SampTy 5.5 Batch Analysis Da Result) 23 1800 SampTy Batch	PQL 4.4 //Pe: ME	SPK value 22.03 881.1 3LK 034 26/2022	SPK Ref Val 0	tCode: EF RunNo: 89 SeqNo: 31 %REC 103 208 tCode: EF RunNo: 89	PA Method 9788 197805 LowLimit 70 37.7 PA Method	8015D: Gasol Units: mg/K HighLimit 130 212 8015D: Gasol	%RPD 1.53 0	RPDLimit 20 0	Qual H
Sample ID: 2207c27-001a Client ID: BH11 @ 15-19 Prep Date: Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID: mb-69034 Client ID: PBS Prep Date: 7/25/2022	Amsd SampTy 5.5 Batch Analysis Da Result 1 23 1800 SampTy Batch Analysis Da	PQL 4.4 V/Pe: ME ID: 690 ate: 7/2	SPK value 22.03 881.1 3LK 034 26/2022	SPK Ref Val 0 Tes	tCode: EFRunNo: 89 SeqNo: 31 %REC 103 208 tCode: EFRunNo: 89 SeqNo: 31	PA Method 9788 197805 LowLimit 70 37.7 PA Method 9788 197806	8015D: Gasol Units: mg/K HighLimit 130 212 8015D: Gasol Units: %Rec	g %RPD 1.53 0	RPDLimit 20 0	Qual H H
Sample ID: 2207c27-001a Client ID: BH11 @ 15-1! Prep Date: Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID: mb-69034 Client ID: PBS Prep Date: 7/25/2022 Analyte	Amsd SampTy 5.5 Batch Analysis Da Result) 23 1800 SampTy Batch Analysis Da Result	PQL 4.4 //Pe: ME ID: 690 PQL PQL	SPK value 22.03 881.1 3LK 034 26/2022 SPK value 1000	SPK Ref Val 0 Tes F SPK Ref Val	tCode: EF RunNo: 89 SeqNo: 31 %REC 103 208 tCode: EF RunNo: 89 SeqNo: 31 %REC 107	PA Method 9788 197805 LowLimit 70 37.7 PA Method 9788 197806 LowLimit 37.7	8015D: Gasol Units: mg/K HighLimit 130 212 8015D: Gasol Units: %Rec	g %RPD 1.53 0 line Range %RPD	RPDLimit 20 0	Qual H H
Sample ID: 2207c27-001a Client ID: BH11 @ 15-1! Prep Date: Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID: mb-69034 Client ID: PBS Prep Date: 7/25/2022 Analyte Surr: BFB	Amsd SampTy 5.5 Batch Analysis Da Result) 23 1800 SampTy Batch Analysis Da Result 1100 SampTy	PQL 4.4 //Pe: ME ID: 690 PQL PQL	SPK value 22.03 881.1 3LK 034 26/2022 SPK value 1000	SPK Ref Val 0 Tes SPK Ref Val Tes	tCode: EF RunNo: 89 SeqNo: 31 %REC 103 208 tCode: EF RunNo: 89 SeqNo: 31 %REC 107	PA Method 9788 197805 LowLimit 70 37.7 PA Method 9788 197806 LowLimit 37.7	8015D: Gasol Units: mg/K HighLimit 130 212 8015D: Gasol Units: %Rec HighLimit 212	g %RPD 1.53 0 line Range %RPD	RPDLimit 20 0	Qual H H
Sample ID: 2207c27-001a Client ID: BH11 @ 15-19 Prep Date: Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID: mb-69034 Client ID: PBS Prep Date: 7/25/2022 Analyte Surr: BFB Sample ID: Ics-69034	Amsd SampTy 5.5 Batch Analysis Da Result) 23 1800 SampTy Batch Analysis Da Result 1100 SampTy	PQL 4.4 //PP: ME ID: 690 PQL 1D: 690 PQL ID: 690 ID: 690 ID: 690	SPK value 22.03 881.1 3LK 034 26/2022 SPK value 1000	SPK Ref Val 0 Tes SPK Ref Val Tes	tCode: EF RunNo: 85 SeqNo: 31 %REC 103 208 tCode: EF RunNo: 85 SeqNo: 31 %REC 107	PA Method 9788 197805 LowLimit 70 37.7 PA Method 9788 197806 LowLimit 37.7	8015D: Gasol Units: mg/K HighLimit 130 212 8015D: Gasol Units: %Rec HighLimit 212	%RPD 1.53 0 line Range %RPD	RPDLimit 20 0	Qual H H
Sample ID: 2207c27-001a Client ID: BH11 @ 15-1! Prep Date: Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID: mb-69034 Client ID: PBS Prep Date: 7/25/2022 Analyte Surr: BFB Sample ID: Ics-69034 Client ID: LCSS	Amsd SampTy 5.5 Batch Analysis Da Result 1800 SampTy Batch Analysis Da Result 1100 SampTy Batch	PQL 4.4 //PP: ME ID: 690 PQL 1D: 690 PQL ID: 690 ID: 690 ID: 690	SPK value 22.03 881.1 3LK 034 26/2022 SPK value 1000 S 034 26/2022	SPK Ref Val 0 Tes SPK Ref Val Tes	tCode: EF RunNo: 89 SeqNo: 31 %REC 103 208 tCode: EF RunNo: 89 SeqNo: 31 %REC 107 tCode: EF	PA Method 9788 197805 LowLimit 70 37.7 PA Method 9788 197806 LowLimit 37.7	8015D: Gasol Units: mg/K HighLimit 130 212 8015D: Gasol Units: %Rec HighLimit 212 8015D: Gasol	%RPD 1.53 0 line Range %RPD	RPDLimit 20 0	Qual H H

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#: 2207C27

28-Jul-22

Client: Souder, Miller & Associates **Project:** Enterprise A 18 Set A

Sample ID: mb SampType: MBLK TestCode: EPA Method 8021B: Volatiles PBS Client ID: Batch ID: **B89788** RunNo: 89788 Prep Date: Analysis Date: 7/26/2022 SeqNo: 3197839 Units: mq/Kq SPK value SPK Ref Val %RPD **RPDLimit** Analyte Result PQL %REC LowLimit HighLimit Qual Benzene ND 0.025 Toluene ND 0.050 Ethylbenzene ND 0.050

Xylenes, Total ND 0.10

Surr: 4-Bromofluorobenzene 0.94 1.000 94.2 70 130

Sample ID: 100ng btex Ics SampType: LCS TestCode: EPA Method 8021B: Volatiles Client ID: LCSS Batch ID: **B89788** RunNo: 89788 Prep Date: Analysis Date: 7/26/2022 SeqNo: 3197840 Units: mg/Kg Analyte PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 0.025 1.000 Benzene 0.98 n 97.5 80 120 Toluene 1.0 0.050 1.000 0 102 80 120 Ethylbenzene 0 101 80 1.0 0.050 1.000 120 Xylenes, Total 3.0 0.10 3.000 0 101 80 120 Surr: 4-Bromofluorobenzene 0.97 1.000 97.3 70 130

Sample ID: 2207c27-002ams SampType: MS TestCode: EPA Method 8021B: Volatiles Client ID: BH11 @ 20-20.5 Batch ID: **B89788** RunNo: 89788 Prep Date: Analysis Date: 7/26/2022 SeqNo: 3197841 Units: mg/Kg Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 0.017 96.0 68.8 Н Benzene 0.64 0.6680 120 O 0.67 0.033 0.6680 0 99.9 73.6 124 Н Toluene Н 0.033 0.6680 0 101 72.7 Ethylbenzene 0.67 129 Xylenes, Total 2.0 0.067 2.004 0 99.8 75.7 126 Н 0.6680 100 Н Surr: 4-Bromofluorobenzene 0.67 70 130

Sample ID: 2207c27-002amsd	SampT	SampType: MSD TestCode: EPA Method 8						les					
Client ID: BH11 @ 20-20.5	Batch	Batch ID: B89788 RunNo: 89788											
Prep Date:	Analysis D	oate: 7/2	26/2022	5	SeqNo: 31	197842	Units: mg/K	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Benzene	0.62	0.017	0.6680	0	92.2	68.8	120	4.10	20	Н			
Toluene	0.65	0.033	0.6680	0	97.0	73.6	124	2.90	20	Н			
Ethylbenzene	0.65	0.033	0.6680	0	97.3	72.7	129	3.57	20	Н			
Xylenes, Total	2.0	0.067	2.004	0	97.6	75.7	126	2.29	20	Н			
Surr: 4-Bromofluorobenzene	0.66		0.6680		99.0	70	130	0	0	Н			

Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Н
- 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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Hall Environmental Analysis Laboratory, Inc.

1.0

2207C27 28-Jul-22

WO#:

Client: Souder, Miller & Associates

Project: Enterprise A 18 Set A

Surr: 4-Bromofluorobenzene

Sample ID: LCS-69034 SampType: LCS TestCode: EPA Method 8021B: Volatiles

Client ID: LCSS Batch ID: 69034 RunNo: 89788

Prep Date: 7/25/2022 Analysis Date: 7/26/2022 SeqNo: 3197844 Units: %Rec

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

101

70

130

1.000

Sample ID: mb-69034 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: 69034 RunNo: 89788

Prep Date: 7/25/2022 Analysis Date: 7/26/2022 SeqNo: 3197911 Units: %Rec

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

Surr: 4-Bromofluorobenzene 0.99 1.000 98.6 70 130

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

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

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

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

Sample Log-In Check List

Client Name:	Souder, I Associate		Wo	rk Order Ni	umber: 2207C2	7	RcptNo:	1
Received By:	Juan Ro	ojas	7/26/2	2022 6:30:0	00 AM	Hansay	1	
Completed By:	Cheyen	ne Cason	7/26/2	022 6:59:3	33 AM	Clear		
Reviewed By:	Pl 7-2	25.22				anc		
Chain of Cus	tody							
1. Is Chain of C	ustody com	plete?			Yes 🗸	No 🗌	Not Present	
2. How was the	sample del	ivered?			Courier			
Log In								
3. Was an attem	pt made to	cool the sam	ples?		Yes 🗸	No 🗌	NA 🗆	
4. Were all samp	les receive	ed at a tempe	rature of >0° C	to 6.0°C	Yes 🗸	No 🗌	NA 🗆	
5. Sample(s) in p	proper cont	ainer(s)?			Yes 🗸	No 🗌		
6. Sufficient sam	ple volume	for indicated	test(s)?		Yes 🗸	No 🗌		
7. Are samples (e	except VOA	and ONG) p	roperly preserv	red?	Yes 🗸	No 🗌		
8. Was preservat					Yes	No 🗸	NA 🗆	
9. Received at lea	ast 1 vial w	ith headspace	e <1/4" for AQ \	VOA?	Yes	No 🗌	NA 🗸	
10. Were any sam					Yes	No 🗹	NA 💌	
					100	110 🖭	# of preserved	
11. Does paperwor (Note discrepar	rk match bo	ottle labels? ain of custod	v)		Yes 🗸	No 🗌	bottles checked for pH:	12 unless noted)
12. Are matrices co					Yes 🗸	No 🗌	Adjusted?	12 unless noted)
13. Is it clear what					Yes 🗸	No 🗆		
14. Were all holding (If no, notify cus	g times abl	e to be met?			Yes 🗸	No 🗆	Checked by: 1	27/26/22
Special Handlii			,					
15. Was client noti			with this order?	?	Yes	No 🗌	NA 🗸	
Person N	lotified:			Date	e. I			
By Whon	n:			Via:	,	Phone Fax	□ In Doroon	
Regardin	g:		The same of the sa			Thome Tax	☐ In Person	
Client Ins	structions:			-				
16. Additional rem	arks:							
17. Cooler Inform	ation							
Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By		
	3.2	Good	Yes	5541140	Ocal Date	Signed By		
2	0.9	Good	Yes					

Received by OCD:	8/3/	202	2 4:	5:3	4 P	M																			- Pag	e 209 a	rf 2.
HALL ENVIRONMENTAL ANALYSIS LABORATOR www.hallenvironmental.com	4901 Hawkins NE - Albuquerque, NM 87109	Tel. 505-345-3975 Fax 505-345-4107	Analysis Request	₹Oŧ	W2	Dd IIS0	280 (1.)ΣS8	s/8/8 504 507 {	bod 5 01 10 10 10 10 10 10 10 10 10 10 10 10	stic	1 Pe 3 (Me 3 (Me 3 (Ne 5 (Se 0 (Se 0 (Se	808 EDE EDE 808	×	×	7	*	22 7	*	×	*	× ×	2	~	7	one Late 2		19/27 C 20
3										LA	/ X			-	*	7	7	<i>y</i>	X	ナ	メ	メ	7	4	Remarks		-
ie: Same dew	ENTERPRISE A-18 (Set A)	Project #:		Project Manager:		Ashley Maxwell	Sampler: Headher Woods		olers: 2		Ontainer Bresenvative HEAL No	# Type 720	(i) for Glass Non no		cas	CON	500	900	100	80D	600	010	110		Received by: Via: Date Time	Via: Date	
of-Custody Record	201 South Halagueno	NM BBZZO	05)320-8955	tohley. Maxwell @ soughtmiller.	٢	☐ Level 4 (Full Validation)	☐ Az Compliance	□ Other				Matrix Sample Name	S BH11@15-15,5	S BH 11 @ 20-20,5	DG 5 BHII@32-32.5	11 S BH11@34-34.25	41 S BH11@35-40	NO S BHII@ 40-45	1 S BHII @ 45-50	2 S BHIZ@5-5,5	8 S BH12@15-15.5	6 5 BH12@26.5-26.75	4 5 BH 12@30.75-31.25	S BH12@35.75-36	Relinquished by: Hath M. W.	Relinquished by:	185- (CNLE) JOS
Chain-Client: Sough		1/2 Carlsbad	Sos) :# enoug 7/2	22 email or Fax#	GA/QC Package:	Standard Standard	M Accreditation:	□ NELAC	☐ EDD (Type)			Date Time	7/11/22 1256	Ny2 1308	7/8/22 O906	413/22 09111	413/22 0941	413/22 1000	1/13/22 1011	7/11/22 1412	11/22 1438	7/2/22 1416	7/2/2 1444	1/2/22 1507	Date: Time: $\frac{7}{15}$		165/21/80

Received by OCD: 8/3/2022 4	15:34 PM	Page 210 of 2	236
HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com kins NE - Albuquerque, NM 87109 345-3975 Fax 505-345-4107 Analysis Request			nalytical report.
IALL ENVIRONME NALYSIS LABORA www.hallenvironmental.com ns NE - Albuquerque, NM 87109 5-3975 Fax 505-345-4107 Analysis Request	Total Coliform (Present/Absent)		on the a
IR IL nental rque, 505-3	(AOV-ime8) 07S8	8	notated
LYSIS LAE LYSIS LAE allenvironmental.cc - Albuquerque, NI - Fax 505-345-	(AOV) 09S8	8	clearly
LYS LYS allenv - Alt	CL F, Br, NO3, NO2, PO4, SO4		will be
HALL ANAL www.hall kins NE - 345-3975	PAHs by 8310 or 8270SIMS RCRA 8 Metals	4	ed data
HA Al w wwkins	EDB (Method 504.1)		contract
HALL ANAL ANAL www.ha 4901 Hawkins NE Tel. 505-345-3975	8081 Pesticides/8082 PCB's	Age 20F 2	ny sub-
196 4 9e	(OAM \ OAO \ DRO) asina	Remarks:	bility. A
	BTEX / MTBE / THYB'S (8021)	B × × × B	is possil
Turn-Around Time: Standard X Rush Same Clay	Sampler: Headher Woods On Ice: Ares D No # of Cooler Temp(motuding cr): 3.4-6.223.2 (°C) Container Preservative HEAL No. Type and # Type	(1)402 Glass Non 204 013 (1)402 Glass Non 204 013 Corolly Corol	contracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report
Chain-of-Custody Record Client: Souder, Miller : Associates Mailing Address: 201 South Halaguine Carls bad, NM BB220 Phone #: (505) 320-8975	rr Fax#: Ashten, Maximet 100 Package: Idard		If necessary, samples submitted to Hall Environmental may be subcontracted toother accredited laboratories.



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

July 28, 2022

Ashley Maxwell Souder, Miller & Associates 201 S Halagueno Carlsbad, NM 88221 TEL: (575) 689-8801

FAX:

RE: Enterprise A 18 Set B OrderNo.: 2207C28

Dear Ashley Maxwell:

Hall Environmental Analysis Laboratory received 16 sample(s) on 7/26/2022 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

Indes

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 2207C28

Date Reported: 7/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: BH08 @ 50-52.5

 Project:
 Enterprise A 18 Set B
 Collection Date: 7/22/2022 12:08:00 PM

 Lab ID:
 2207C28-001
 Matrix: MEOH (SOIL)
 Received Date: 7/26/2022 6:30:00 AM

Result **RL Qual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JTT Chloride ND 60 mg/Kg 20 7/26/2022 11:02:11 AM 69063 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: JME Diesel Range Organics (DRO) 14 mg/Kg 7/26/2022 1:25:43 PM 69054 Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 7/26/2022 1:25:43 PM 69054 Surr: DNOP 103 21-129 %Rec 7/26/2022 1:25:43 PM 69054 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 7/26/2022 10:22:00 AM G89787 3.3 mg/Kg Surr: BFB 96.7 37.7-212 %Rec 7/26/2022 10:22:00 AM G89787 **EPA METHOD 8021B: VOLATILES** Analyst: RAA ND 0.017 7/26/2022 10:22:00 AM R89787 Benzene mg/Kg Toluene ND 0.033 mg/Kg 7/26/2022 10:22:00 AM Ethylbenzene ND 0.033 mg/Kg 1 7/26/2022 10:22:00 AM R89787 Xylenes, Total ND 0.066 mg/Kg 7/26/2022 10:22:00 AM R89787 Surr: 4-Bromofluorobenzene 70-130 90.1 %Rec 7/26/2022 10:22:00 AM R89787

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 21

Lab Order **2207C28**

Date Reported: 7/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: BH08 @ 52.5-55

 Project:
 Enterprise A 18 Set B
 Collection Date: 7/22/2022 12:16:00 PM

 Lab ID:
 2207C28-002
 Matrix: MEOH (SOIL)
 Received Date: 7/26/2022 6:30:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JTT Chloride ND 60 mg/Kg 20 7/26/2022 11:14:31 AM 69063 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: JME Diesel Range Organics (DRO) 14 mg/Kg 7/26/2022 11:57:13 AM Motor Oil Range Organics (MRO) ND 46 mg/Kg 1 7/26/2022 11:57:13 AM 69054 Surr: DNOP 85.8 21-129 %Rec 7/26/2022 11:57:13 AM 69054 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 7/26/2022 10:41:00 AM G89787 3.4 mg/Kg Surr: BFB 94.2 37.7-212 %Rec 7/26/2022 10:41:00 AM G89787 **EPA METHOD 8021B: VOLATILES** Analyst: RAA ND 0.017 7/26/2022 10:41:00 AM R89787 Benzene mg/Kg Toluene ND 0.034 mg/Kg 7/26/2022 10:41:00 AM Ethylbenzene ND 0.034 mg/Kg 1 7/26/2022 10:41:00 AM R89787 Xylenes, Total ND 0.068 mg/Kg 7/26/2022 10:41:00 AM R89787 Surr: 4-Bromofluorobenzene 70-130 90.8 %Rec 7/26/2022 10:41:00 AM R89787

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 **2207C28**

Date Reported: 7/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: BH08 @ 55-55.5

Project: Enterprise A 18 Set B **Collection Date:** 7/22/2022 12:19:00 PM

Lab ID: 2207C28-003 **Matrix:** MEOH (SOIL) **Received Date:** 7/26/2022 6:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JTT
Chloride	ND	60	mg/Kg	20	7/26/2022 11:26:51 AM	69063
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: JME
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	7/26/2022 12:11:15 PM	69054
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	7/26/2022 12:11:15 PM	69054
Surr: DNOP	86.1	21-129	%Rec	1	7/26/2022 12:11:15 PM	69054
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: RAA
Gasoline Range Organics (GRO)	ND	3.0	mg/Kg	1	7/26/2022 11:01:00 AM	G89787
Surr: BFB	97.2	37.7-212	%Rec	1	7/26/2022 11:01:00 AM	G89787
EPA METHOD 8021B: VOLATILES					Analyst	: RAA
Benzene	ND	0.015	mg/Kg	1	7/26/2022 11:01:00 AM	R89787
Toluene	ND	0.030	mg/Kg	1	7/26/2022 11:01:00 AM	R89787
Ethylbenzene	ND	0.030	mg/Kg	1	7/26/2022 11:01:00 AM	R89787
Xylenes, Total	ND	0.060	mg/Kg	1	7/26/2022 11:01:00 AM	R89787
Surr: 4-Bromofluorobenzene	92.0	70-130	%Rec	1	7/26/2022 11:01:00 AM	R89787

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 **2207C28**

Date Reported: 7/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: BH08 @ 55.5-57

Project: Enterprise A 18 Set B Collection Date: 7/22/2022 12:28:00 PM

Lab ID: 2207C28-004 **Matrix:** MEOH (SOIL) **Received Date:** 7/26/2022 6:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JTT
Chloride	88	60	mg/Kg	20	7/26/2022 11:39:11 AM	69063
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: JME
Diesel Range Organics (DRO)	ND	12	mg/Kg	1	7/26/2022 12:25:00 PM	69054
Motor Oil Range Organics (MRO)	ND	41	mg/Kg	1	7/26/2022 12:25:00 PM	69054
Surr: DNOP	86.0	21-129	%Rec	1	7/26/2022 12:25:00 PM	69054
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: RAA
Gasoline Range Organics (GRO)	ND	3.2	mg/Kg	1	7/26/2022 11:21:00 AM	G89787
Surr: BFB	99.3	37.7-212	%Rec	1	7/26/2022 11:21:00 AM	G89787
EPA METHOD 8021B: VOLATILES					Analys	t: RAA
Benzene	ND	0.016	mg/Kg	1	7/26/2022 11:21:00 AM	R89787
Toluene	ND	0.032	mg/Kg	1	7/26/2022 11:21:00 AM	R89787
Ethylbenzene	ND	0.032	mg/Kg	1	7/26/2022 11:21:00 AM	R89787
Xylenes, Total	ND	0.064	mg/Kg	1	7/26/2022 11:21:00 AM	R89787
Surr: 4-Bromofluorobenzene	92.4	70-130	%Rec	1	7/26/2022 11:21:00 AM	R89787

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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Project:

Analytical Report

Collection Date: 7/22/2022 12:45:00 PM

Lab Order **2207C28**Date Reported: **7/28/2022**

Hall Environmental Analysis Laboratory, Inc.

Enterprise A 18 Set B

Lab ID: 2207C28-005 **Matrix:** MEOH (SOIL) **Received Date:** 7/26/2022 6:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JTT
Chloride	87	60	mg/Kg	20	7/26/2022 11:51:32 AM	69063
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: ЈМЕ
Diesel Range Organics (DRO)	ND	13	mg/Kg	1	7/26/2022 12:38:37 PM	69054
Motor Oil Range Organics (MRO)	ND	43	mg/Kg	1	7/26/2022 12:38:37 PM	69054
Surr: DNOP	86.8	21-129	%Rec	1	7/26/2022 12:38:37 PM	69054
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: RAA
Gasoline Range Organics (GRO)	ND	3.1	mg/Kg	1	7/26/2022 11:41:00 AM	G89787
Surr: BFB	94.3	37.7-212	%Rec	1	7/26/2022 11:41:00 AM	G89787
EPA METHOD 8021B: VOLATILES					Analyst	: RAA
Benzene	ND	0.015	mg/Kg	1	7/26/2022 11:41:00 AM	R89787
Toluene	ND	0.031	mg/Kg	1	7/26/2022 11:41:00 AM	R89787
Ethylbenzene	ND	0.031	mg/Kg	1	7/26/2022 11:41:00 AM	R89787
Xylenes, Total	ND	0.062	mg/Kg	1	7/26/2022 11:41:00 AM	R89787
Surr: 4-Bromofluorobenzene	90.9	70-130	%Rec	1	7/26/2022 11:41:00 AM	R89787

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 2207C28

Date Reported: 7/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: BH08 @ 64-66

Project: Enterprise A 18 Set B Collection Date: 7/22/2022 12:59:00 PM

Lab ID: 2207C28-006 **Matrix:** MEOH (SOIL) **Received Date:** 7/26/2022 6:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JTT
Chloride	81	60	mg/Kg	20	7/26/2022 12:03:52 PM	69063
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: JME
Diesel Range Organics (DRO)	40	14	mg/Kg	1	7/26/2022 12:52:46 PM	69055
Motor Oil Range Organics (MRO)	140	48	mg/Kg	1	7/26/2022 12:52:46 PM	69055
Surr: DNOP	85.0	21-129	%Rec	1	7/26/2022 12:52:46 PM	69055
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: RAA
Gasoline Range Organics (GRO)	ND	3.5	mg/Kg	1	7/26/2022 12:00:00 PM	G89787
Surr: BFB	98.8	37.7-212	%Rec	1	7/26/2022 12:00:00 PM	G89787
EPA METHOD 8021B: VOLATILES					Analys	t: RAA
Benzene	ND	0.017	mg/Kg	1	7/26/2022 12:00:00 PM	R89787
Toluene	ND	0.035	mg/Kg	1	7/26/2022 12:00:00 PM	R89787
Ethylbenzene	ND	0.035	mg/Kg	1	7/26/2022 12:00:00 PM	R89787
Xylenes, Total	ND	0.069	mg/Kg	1	7/26/2022 12:00:00 PM	R89787
Surr: 4-Bromofluorobenzene	89.0	70-130	%Rec	1	7/26/2022 12:00:00 PM	R89787

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 2207C28

Hall Environmental Analysis Laboratory, Inc. Date Reported: 7/28/2022

Project: Enterprise A 18 Set B **Collection Date:** 7/22/2022 1:14:00 PM

Lab ID: 2207C28-007 **Matrix:** MEOH (SOIL) **Received Date:** 7/26/2022 6:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	:: JTT
Chloride	75	60	mg/Kg	20	7/26/2022 12:40:53 PM	69063
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: JME
Diesel Range Organics (DRO)	ND	13	mg/Kg	1	7/26/2022 1:06:36 PM	69055
Motor Oil Range Organics (MRO)	ND	43	mg/Kg	1	7/26/2022 1:06:36 PM	69055
Surr: DNOP	88.7	21-129	%Rec	1	7/26/2022 1:06:36 PM	69055
EPA METHOD 8015D: GASOLINE RANGE					Analyst	:: RAA
Gasoline Range Organics (GRO)	ND	3.2	mg/Kg	1	7/26/2022 12:20:00 PM	G89787
Surr: BFB	92.4	37.7-212	%Rec	1	7/26/2022 12:20:00 PM	G89787
EPA METHOD 8021B: VOLATILES					Analyst	:: RAA
Benzene	ND	0.016	mg/Kg	1	7/26/2022 12:20:00 PM	R89787
Toluene	ND	0.032	mg/Kg	1	7/26/2022 12:20:00 PM	R89787
Ethylbenzene	ND	0.032	mg/Kg	1	7/26/2022 12:20:00 PM	R89787
Xylenes, Total	ND	0.064	mg/Kg	1	7/26/2022 12:20:00 PM	R89787
Surr: 4-Bromofluorobenzene	88.5	70-130	%Rec	1	7/26/2022 12:20:00 PM	R89787

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 2207C28

Hall Environmental Analysis Laboratory, Inc. Date Reported: 7/28/2022

CLIENT: Souder, Miller & Associates Client Sample ID: BH08 @ 72.5-75

Project: Enterprise A 18 Set B **Collection Date:** 7/22/2022 1:29:00 PM

Lab ID: 2207C28-008 **Matrix:** MEOH (SOIL) **Received Date:** 7/26/2022 6:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JTT
Chloride	ND	60	mg/Kg	20	7/26/2022 12:53:14 PM	69063
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: ЈМЕ
Diesel Range Organics (DRO)	ND	13	mg/Kg	1	7/26/2022 1:20:27 PM	69055
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	7/26/2022 1:20:27 PM	69055
Surr: DNOP	83.2	21-129	%Rec	1	7/26/2022 1:20:27 PM	69055
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: RAA
Gasoline Range Organics (GRO)	ND	3.1	mg/Kg	1	7/26/2022 12:40:00 PM	G89787
Surr: BFB	93.0	37.7-212	%Rec	1	7/26/2022 12:40:00 PM	G89787
EPA METHOD 8021B: VOLATILES					Analyst	: RAA
Benzene	ND	0.015	mg/Kg	1	7/26/2022 12:40:00 PM	R89787
Toluene	ND	0.031	mg/Kg	1	7/26/2022 12:40:00 PM	R89787
Ethylbenzene	ND	0.031	mg/Kg	1	7/26/2022 12:40:00 PM	R89787
Xylenes, Total	ND	0.062	mg/Kg	1	7/26/2022 12:40:00 PM	R89787
Surr: 4-Bromofluorobenzene	88.2	70-130	%Rec	1	7/26/2022 12:40:00 PM	R89787

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 2207C28

Date Reported: 7/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates **Client Sample ID:** BH08 @ 77.5-80

Project: Enterprise A 18 Set B Collection Date: 7/22/2022 1:50:00 PM

2207C28-009 Lab ID: Matrix: MEOH (SOIL) Received Date: 7/26/2022 6:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JTT
Chloride	ND	59	mg/Kg	20	7/26/2022 1:05:34 PM	69063
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: ЈМЕ
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	7/26/2022 1:34:11 PM	69055
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	7/26/2022 1:34:11 PM	69055
Surr: DNOP	84.6	21-129	%Rec	1	7/26/2022 1:34:11 PM	69055
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: RAA
Gasoline Range Organics (GRO)	ND	3.0	mg/Kg	1	7/26/2022 12:59:00 PM	G89787
Surr: BFB	91.6	37.7-212	%Rec	1	7/26/2022 12:59:00 PM	G89787
EPA METHOD 8021B: VOLATILES					Analyst	: RAA
Benzene	ND	0.015	mg/Kg	1	7/26/2022 12:59:00 PM	R89787
Toluene	ND	0.030	mg/Kg	1	7/26/2022 12:59:00 PM	R89787
Ethylbenzene	ND	0.030	mg/Kg	1	7/26/2022 12:59:00 PM	R89787
Xylenes, Total	ND	0.060	mg/Kg	1	7/26/2022 12:59:00 PM	R89787
Surr: 4-Bromofluorobenzene	88.3	70-130	%Rec	1	7/26/2022 12:59:00 PM	R89787

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
- % 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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2207C28-010

Lab ID:

Analytical Report

Lab Order 2207C28

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 7/28/2022

Received Date: 7/26/2022 6:30:00 AM

CLIENT: Souder, Miller & Associates **Client Sample ID:** BH08 @ 80-82.5

Project: Enterprise A 18 Set B Collection Date: 7/22/2022 1:53:00 PM Matrix: MEOH (SOIL)

Result **RL Qual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JTT Chloride 62 60 mg/Kg 20 7/26/2022 1:17:54 PM 69063 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: DGH Diesel Range Organics (DRO) 16 14 mg/Kg 7/26/2022 12:01:58 PM Motor Oil Range Organics (MRO) ND 45 mg/Kg 1 7/26/2022 12:01:58 PM 69055 Surr: DNOP 88.0 21-129 %Rec 7/26/2022 12:01:58 PM 69055 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA 7/26/2022 1:19:00 PM Gasoline Range Organics (GRO) ND G89787 3.8 mg/Kg 1 Surr: BFB 98.2 37.7-212 %Rec 7/26/2022 1:19:00 PM G89787 **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.019 7/26/2022 1:19:00 PM R89787 mg/Kg Toluene ND 0.038 mg/Kg 7/26/2022 1:19:00 PM R89787 Ethylbenzene ND 0.038 mg/Kg 1 7/26/2022 1:19:00 PM R89787 Xylenes, Total ND 0.075 mg/Kg 7/26/2022 1:19:00 PM R89787 Surr: 4-Bromofluorobenzene 70-130 88.9 %Rec 7/26/2022 1:19:00 PM R89787

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix 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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2207C28-011

Lab ID:

Analytical Report

Received Date: 7/26/2022 6:30:00 AM

Lab Order 2207C28

Date Reported: 7/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates **Client Sample ID:** BH08 @ 87.5-90

Project: Enterprise A 18 Set B Collection Date: 7/22/2022 2:15:00 PM Matrix: MEOH (SOIL)

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JTT Chloride 77 59 mg/Kg 20 7/26/2022 1:30:15 PM 69063 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: DGH Diesel Range Organics (DRO) 13 mg/Kg 7/26/2022 12:26:19 PM Motor Oil Range Organics (MRO) ND 45 mg/Kg 1 7/26/2022 12:26:19 PM 69055 Surr: DNOP 86.1 21-129 %Rec 7/26/2022 12:26:19 PM 69055 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA 7/26/2022 1:59:00 PM Gasoline Range Organics (GRO) ND G89787 3.5 mg/Kg 1 Surr: BFB 92.9 37.7-212 %Rec 7/26/2022 1:59:00 PM G89787 **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.017 7/26/2022 1:59:00 PM R89787 mg/Kg Toluene ND 0.035 mg/Kg 7/26/2022 1:59:00 PM R89787 Ethylbenzene ND 0.035 mg/Kg 1 7/26/2022 1:59:00 PM R89787 Xylenes, Total ND 0.069 mg/Kg 7/26/2022 1:59:00 PM R89787 Surr: 4-Bromofluorobenzene 70-130 89.5 %Rec 7/26/2022 1:59:00 PM R89787

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix 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 2207C28

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 7/28/2022

CLIENT: Souder, Miller & Associates Client Sample ID: BH08 @ 90-92.5

Project: Enterprise A 18 Set B **Collection Date:** 7/22/2022 2:21:00 PM

Lab ID: 2207C28-012 **Matrix:** MEOH (SOIL) **Received Date:** 7/26/2022 6:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	:: JTT
Chloride	80	60	mg/Kg	20	7/26/2022 1:42:35 PM	69063
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	: DGH
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	7/26/2022 12:50:29 PM	69055
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/26/2022 12:50:29 PM	69055
Surr: DNOP	86.0	21-129	%Rec	1	7/26/2022 12:50:29 PM	69055
EPA METHOD 8015D: GASOLINE RANGE					Analys	:: RAA
Gasoline Range Organics (GRO)	ND	4.3	mg/Kg	1	7/26/2022 2:19:00 PM	G89787
Surr: BFB	96.3	37.7-212	%Rec	1	7/26/2022 2:19:00 PM	G89787
EPA METHOD 8021B: VOLATILES					Analys	: RAA
Benzene	ND	0.022	mg/Kg	1	7/26/2022 2:19:00 PM	R89787
Toluene	ND	0.043	mg/Kg	1	7/26/2022 2:19:00 PM	R89787
Ethylbenzene	ND	0.043	mg/Kg	1	7/26/2022 2:19:00 PM	R89787
Xylenes, Total	ND	0.086	mg/Kg	1	7/26/2022 2:19:00 PM	R89787
Surr: 4-Bromofluorobenzene	90.1	70-130	%Rec	1	7/26/2022 2:19:00 PM	R89787

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 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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Lab Order 2207C28

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 7/28/2022

CLIENT: Souder, Miller & Associates Client Sample ID: BH08 @ 92.5-95

Project: Enterprise A 18 Set B **Collection Date:** 7/22/2022 2:29:00 PM

Lab ID: 2207C28-013 **Matrix:** MEOH (SOIL) **Received Date:** 7/26/2022 6:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JTT
Chloride	71	60	mg/Kg	20	7/26/2022 1:54:57 PM	69063
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	: DGH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	7/26/2022 1:15:02 PM	69055
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	7/26/2022 1:15:02 PM	69055
Surr: DNOP	89.6	21-129	%Rec	1	7/26/2022 1:15:02 PM	69055
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: RAA
Gasoline Range Organics (GRO)	ND	3.4	mg/Kg	1	7/26/2022 2:38:00 PM	G89787
Surr: BFB	95.9	37.7-212	%Rec	1	7/26/2022 2:38:00 PM	G89787
EPA METHOD 8021B: VOLATILES					Analys	t: RAA
Benzene	ND	0.017	mg/Kg	1	7/26/2022 2:38:00 PM	R89787
Toluene	ND	0.034	mg/Kg	1	7/26/2022 2:38:00 PM	R89787
Ethylbenzene	ND	0.034	mg/Kg	1	7/26/2022 2:38:00 PM	R89787
Xylenes, Total	ND	0.068	mg/Kg	1	7/26/2022 2:38:00 PM	R89787
Surr: 4-Bromofluorobenzene	91.1	70-130	%Rec	1	7/26/2022 2:38:00 PM	R89787

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 ID:

Analytical Report

Lab Order 2207C28

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 7/28/2022

Received Date: 7/26/2022 6:30:00 AM

CLIENT: Souder, Miller & Associates **Client Sample ID:** BH08 @ 95-97.5

Project: Enterprise A 18 Set B Collection Date: 7/22/2022 2:36:00 PM 2207C28-014 Matrix: MEOH (SOIL)

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	:: JTT
Chloride	79	60	mg/Kg	20	7/26/2022 2:07:17 PM	69063
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: DGH
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	7/26/2022 1:39:22 PM	69055
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	7/26/2022 1:39:22 PM	69055
Surr: DNOP	86.3	21-129	%Rec	1	7/26/2022 1:39:22 PM	69055
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: RAA
Gasoline Range Organics (GRO)	ND	3.6	mg/Kg	1	7/26/2022 2:58:00 PM	G89787
Surr: BFB	97.2	37.7-212	%Rec	1	7/26/2022 2:58:00 PM	G89787
EPA METHOD 8021B: VOLATILES					Analyst	: RAA
Benzene	ND	0.018	mg/Kg	1	7/26/2022 2:58:00 PM	R89787
Toluene	ND	0.036	mg/Kg	1	7/26/2022 2:58:00 PM	R89787
Ethylbenzene	ND	0.036	mg/Kg	1	7/26/2022 2:58:00 PM	R89787
Xylenes, Total	ND	0.072	mg/Kg	1	7/26/2022 2:58:00 PM	R89787
Surr: 4-Bromofluorobenzene	91.5	70-130	%Rec	1	7/26/2022 2:58:00 PM	R89787

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
- % 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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Analytical Report Lab Order 2207C28

Date Reported: 7/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates

Client Sample ID: BH08 @ 97.5-100

Project: Enterprise A 18 Set B

Collection Date: 7/22/2022 2:46:00 PM

Lab ID: 2207C28-015 **Matrix:** MEOH (SOIL) **Received Date:** 7/26/2022 6:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JTT
Chloride	ND	60	mg/Kg	20	7/26/2022 2:19:38 PM	69063
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: JME
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	7/26/2022 1:48:03 PM	69055
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	7/26/2022 1:48:03 PM	69055
Surr: DNOP	82.5	21-129	%Rec	1	7/26/2022 1:48:03 PM	69055
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: RAA
Gasoline Range Organics (GRO)	ND	3.5	mg/Kg	1	7/26/2022 3:18:00 PM	G89787
Surr: BFB	92.7	37.7-212	%Rec	1	7/26/2022 3:18:00 PM	G89787
EPA METHOD 8021B: VOLATILES					Analys	t: RAA
Benzene	ND	0.017	mg/Kg	1	7/26/2022 3:18:00 PM	R89787
Toluene	ND	0.035	mg/Kg	1	7/26/2022 3:18:00 PM	R89787
Ethylbenzene	ND	0.035	mg/Kg	1	7/26/2022 3:18:00 PM	R89787
Xylenes, Total	ND	0.070	mg/Kg	1	7/26/2022 3:18:00 PM	R89787
Surr: 4-Bromofluorobenzene	88.1	70-130	%Rec	1	7/26/2022 3:18:00 PM	R89787

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 **2207C28**

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 7/28/2022

CLIENT: Souder, Miller & Associates

Client Sample ID: BH08 @ 100-101

Project: Enterprise A 18 Set B

Collection Date: 7/22/2022 2:52:00 PM

Lab ID: 2207C28-016 **Matrix:** MEOH (SOIL) **Received Date:** 7/26/2022 6:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JTT
Chloride	61	60	mg/Kg	20	7/26/2022 2:31:58 PM	69063
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: JME
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	7/26/2022 2:43:40 PM	69055
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/26/2022 2:43:40 PM	69055
Surr: DNOP	84.9	21-129	%Rec	1	7/26/2022 2:43:40 PM	69055
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: RAA
Gasoline Range Organics (GRO)	ND	4.5	mg/Kg	1	7/26/2022 3:38:00 PM	G89787
Surr: BFB	94.3	37.7-212	%Rec	1	7/26/2022 3:38:00 PM	G89787
EPA METHOD 8021B: VOLATILES					Analys	t: RAA
Benzene	ND	0.022	mg/Kg	1	7/26/2022 3:38:00 PM	R89787
Toluene	ND	0.045	mg/Kg	1	7/26/2022 3:38:00 PM	R89787
Ethylbenzene	ND	0.045	mg/Kg	1	7/26/2022 3:38:00 PM	R89787
Xylenes, Total	ND	0.089	mg/Kg	1	7/26/2022 3:38:00 PM	R89787
Surr: 4-Bromofluorobenzene	88.4	70-130	%Rec	1	7/26/2022 3:38:00 PM	R89787

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2207C28**

28-Jul-22

Client: Souder, Miller & Associates

Project: Enterprise A 18 Set B

Sample ID: MB-69063 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 69063 RunNo: 89792

Prep Date: 7/26/2022 Analysis Date: 7/26/2022 SeqNo: 3198494 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-69063 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 69063 RunNo: 89792

Prep Date: 7/26/2022 Analysis Date: 7/26/2022 SeqNo: 3198495 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 96.2 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.

2207C28 28-Jul-22

WO#:

Client: Souder, Miller & Associates
Project: Enterprise A 18 Set B

Project: Enterpri	ise A 18 Set B								
Sample ID: MB-69054	SampType: MBLK		Tes	tCode: EF	A Method	8015M/D: Dies	sel Range	Organics	
Client ID: PBS	Batch ID: 69054		F	RunNo: 89	781				
Prep Date: 7/26/2022	Analysis Date: 7/26/20	022	5	SeqNo: 31	97314	Units: mg/Kg	g		
Analyte	Result PQL SP	K value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND 15					-			
Motor Oil Range Organics (MRO)	ND 50								
Surr: DNOP	8.9	10.00		89.0	21	129			
Sample ID: LCS-69054	SampType: LCS		Tes	tCode: EF	A Method	8015M/D: Dies	sel Range	Organics	
Client ID: LCSS	Batch ID: 69054		F	RunNo: 89	781				
Prep Date: 7/26/2022	Analysis Date: 7/26/20	022	9	SeqNo: 31	97315	Units: mg/Kg	g		
Analyte	Result PQL SP	K value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43 15	50.00	0	85.4	64.4	127			
Surr: DNOP	4.4	5.000		88.6	21	129			
Sample ID: MB-69055	SampType: MBLK		Tes	tCode: EF	A Method	8015M/D: Dies	sel Range	Organics	
Client ID: PBS	Batch ID: 69055		F	RunNo: 89	781				
Prep Date: 7/26/2022	Analysis Date: 7/26/20	022	S	SeqNo: 31	97316	Units: mg/Kg	g		
Analyte	Result PQL SP	K value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND 15								
Motor Oil Range Organics (MRO)	ND 50								
Surr: DNOP	8.1	10.00		80.7	21	129			
Sample ID: LCS-69055	SampType: LCS		Tes	tCode: EF	A Method	8015M/D: Dies	sel Range	Organics	
Client ID: LCSS	Batch ID: 69055		F	RunNo: 89	781				
Prep Date: 7/26/2022	Analysis Date: 7/26/20	022	5	SeqNo: 31	97317	Units: mg/Kg	g		
Analyte	Result PQL SP	K value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40 15	50.00	0	80.5	64.4	127			
Surr: DNOP	3.8	5.000		76.7	21	129			
Sample ID: LCS-69038	SampType: LCS		Tes	tCode: EF	PA Method	8015M/D: Dies	sel Range	Organics	
Client ID: LCSS	Batch ID: 69038		F	RunNo: 89	790				
Prep Date: 7/25/2022	Analysis Date: 7/26/20	022	\$	SeqNo: 31	97677	Units: %Rec			
Analyte	Result PQL SP	K value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.3	5.000		86.7	21	129			

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.

3.9

4.3

2207C28 28-Jul-22

WO#:

Client: Souder, Miller & Associates

Project: Enterprise A 18 Set B

Sample ID: MB-69038 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 69038 RunNo: 89790

Prep Date: 7/25/2022 Analysis Date: 7/26/2022 SeqNo: 3197678 Units: %Rec

4.537

4.888

SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte Result LowLimit Qual Surr: DNOP 8.5 10.00 84.9 21 129

Sample ID: 2207C28-006AMS SampType: MS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: BH08 @ 64-66 Batch ID: 69055 RunNo: 89781 Prep Date: 7/26/2022 Analysis Date: 7/26/2022 SeqNo: 3197912 Units: mg/Kg %REC %RPD **RPDLimit** Analyte Result **PQL** SPK value SPK Ref Val LowLimit HighLimit Qual Diesel Range Organics (DRO) 49 45.37 39.83 20.6 36.1 154

85.2

87.3

21

129

129

0

0

Sample ID: 2207C28-006AMSD SampType: MSD TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: BH08 @ 64-66 Batch ID: 69055 RunNo: 89781 Prep Date: Analysis Date: 7/26/2022 SeqNo: 3197913 7/26/2022 Units: mg/Kg PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 52 15 48.88 39.83 36.1 5.41 33.9 S 24.7 154

Qualifiers:

Surr: DNOP

Surr: DNOP

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.

17

1300

3.3

16.51

660.5

2207C28

WO#:

28-Jul-22

Client: Souder, Miller & Associates

Project: Enterprise A 18 Set B

Sample ID: 2.5ug gro lcs	SampType: LCS	TestCode: EPA Method	8015D: Gasoline Range	
Client ID: LCSS	Batch ID: G89787	RunNo: 89787		
Prep Date:	Analysis Date: 7/26/2022	SeqNo: 3197337	Units: mg/Kg	
Analyte	Result PQL SPK value	e SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Gasoline Range Organics (GRO)	25 5.0 25.00	0 98.2 72.3	137	
Surr: BFB	2000 1000	199 37.7	212	
Sample ID: mb	SampType: MBLK	TestCode: EPA Method	8015D: Gasoline Range	
Client ID: PBS	Batch ID: G89787	RunNo: 89787		
Prep Date:	Analysis Date: 7/26/2022	SeqNo: 3197338	Units: mg/Kg	
Analyte	Result PQL SPK value	e SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Gasoline Range Organics (GRO)	ND 5.0			
Surr: BFB	840 1000	84.4 37.7	212	
Sample ID: 2207c28-001ams	SampType: MS	TestCode: EPA Method	8015D: Gasoline Range	
Client ID: BH08 @ 50-52.5	Batch ID: G89787	RunNo: 89787		
Prep Date:	Analysis Date: 7/26/2022	SeqNo: 3198141	Units: mg/Kg	
Analyte	Result PQL SPK value	e SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual

Sample ID: 2207c28-001amsd	Samp ¹	Гуре: МЅ	SD .	Tes	d 8015D: Gasoline Range					
Client ID: BH08 @ 50-52.5	Batc	Batch ID: G89787 RunNo: 89787								
Prep Date:	Analysis [Date: 7/ 2	26/2022	5	SeqNo: 3	198142	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	16	3.3	16.51	0	97.0	70	130	6.58	20	
Surr: BFB	1300		660.5		190	37.7	212	0	0	

0

104

198

70

37.7

130

212

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix

Gasoline Range Organics (GRO)

Surr: BFB

- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
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- 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#: **2207C28**

28-Jul-22

Client: Souder, Miller & Associates

Project: Enterprise A 18 Set B

Sample ID: 100ng btex Ics	SampT	ype: LC :	S	Tes	tCode: EF	PA Method	8021B: Volati	iles		
Client ID: LCSS	Batcl	n ID: R8 9	9787	F	RunNo: 89	9787				
Prep Date:	Analysis D	Date: 7/2	26/2022	5	SeqNo: 31	197349	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.025	1.000	0	87.8	80	120			
Toluene	0.91	0.050	1.000	0	90.7	80	120			
Ethylbenzene	0.92	0.050	1.000	0	91.9	80	120			
Xylenes, Total	2.7	0.10	3.000	0	91.4	80	120			
Surr: 4-Bromofluorobenzene	0.91		1.000		90.8	70	130			

Sample ID: mb	SampT	уре: МЕ	BLK	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: PBS	Batcl	n ID: R8	9787	F	RunNo: 89	9787				
Prep Date:	Analysis D	Date: 7/2	26/2022	5	SeqNo: 31	197350	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	0.82		1.000		81.9	70	130			

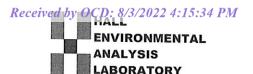
Sample ID: 2207c28-002ams	Samp ⁻	Гуре: МЅ	3	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: BH08 @ 52.5-55	Batc	h ID: R8 !	9787	F	RunNo: 89	9787				
Prep Date:	Analysis [Date: 7/ 2	26/2022	5	SeqNo: 3	198218	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.59	0.017	0.6770	0	87.8	68.8	120			
Toluene	0.61	0.034	0.6770	0	90.6	73.6	124			
Ethylbenzene	0.63	0.034	0.6770	0	92.4	72.7	129			
Xylenes, Total	1.9	0.068	2.031	0	92.8	75.7	126			
Surr: 4-Bromofluorobenzene	0.58		0.6770		85.1	70	130			

Sample ID: 2207c28-002amsd	SampT	ype: MS	D	Tes	tCode: EF	PA Method	8021B: Volati	iles		
Client ID: BH08 @ 52.5-55	Batch	n ID: R8 9	9787	F	RunNo: 89	787				
Prep Date:	Analysis D	Date: 7/2	26/2022	5	SeqNo: 31	198219	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.55	0.017	0.6770	0	81.3	68.8	120	7.65	20	
Toluene	0.57	0.034	0.6770	0	84.5	73.6	124	6.95	20	
Ethylbenzene	0.59	0.034	0.6770	0	86.4	72.7	129	6.63	20	
Xylenes, Total	1.8	0.068	2.031	0	86.5	75.7	126	6.97	20	
Surr: 4-Bromofluorobenzene	0.55		0.6770		81.7	70	130	0	0	

Qualifiers:

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- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
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- 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 21 of 21



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 & Work Order Number: 2207C28 RcptNo: 1 **Associates** Received By: 7/26/2022 6:30:00 AM Juan Rojas Completed By: Gheyenne Cason 7/26/2022 7:27:41 AM 7.26.22 Reviewed By Chain of Custody 1. Is Chain of Custody complete? Yes 🗸 No 🗌 Not Present 2. How was the sample delivered? Courier Log In 3. Was an attempt made to cool the samples? Yes V No 🗌 NA 🗌 Were all samples received at a temperature of >0° C to 6.0°C No 🗌 Yes 🗸 NA 🗌 5. Sample(s) in proper container(s)? Yes 🗸 No 🗌 6. Sufficient sample volume for indicated test(s)? Yes 🗸 No 🗌 7. Are samples (except VOA and ONG) properly preserved? ~ No \square Yes 8. Was preservative added to bottles? No V Yes NA 🗌 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes No 🗌 NA 🗸 10. Were any sample containers received broken? Yes No 🗸 # of preserved bottles checked 11. Does paperwork match bottle labels? Yes 🗸 No 🗌 for pH: (Note discrepancies on chain of custody) (<2 or >12 unless noted) 12. Are matrices correctly identified on Chain of Custody? Adjusted? Yes 🗸 No 🗌 13. Is it clear what analyses were requested? **V** No 🗌 Checked by: 117/26/72 14. Were all holding times able to be met? Yes 🗸 No 🗌 (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Yes No 🗌 NA 🗸 Person Notified: Date: By Whom: ☐ eMail ☐ Phone ☐ Fax ☐ In Person Via: Regarding: Client Instructions: 16. Additional remarks: 17. Cooler Information Cooler No Temp °C Condition Seal Intact Seal No Seal Date Signed By 3.2 Good Yes 2 0.9 Good Yes

Ö	hain	-of-C	Chain-of-Custody Record	Turn-Around Time:	Time:												Recei
Client	(5			,				I	HALL	Z	VIF	SON	ENVIRONMENT	A L	ved
	Soud	er, Mil	Souder, Miller? Associates	☐ Standard	⊯ Rush_	h Same D	34		Г	2		S	v	AR	AROPATODA		
				Project Name:			D			WW			<u>ן</u>				_
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Carl	Carlsbad, NM	,	0	Project #:				Tel.	. 505	505-345-3975	975	Fax	505	505-345-4107	601.70		3/202
Phone ‡	#: (505		8975								Ā	Analysis		Request	5		2 4:
email or	r Fax#: ∤	Ashley.	email or Fax#: ASMVey, Moxwell O Soude miller.	Project Manager:	ger:		(1	R.				₽O		(Ju			15:3
QA/QC F	QA/QC Package:)	COM				208		s,e	SV		S "		ıəsc			84 P
Ø Standard	dard		☐ Level 4 (Full Validation)	Ashley	Moxwel	~	3) s,		ьc	VIS(od.		dΑ∖t			<u>'M _</u>
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□ NELAC	AC	□ Other		On Ice:	P-Yes	oN 🗆					\circ	N '	(A	Pre	15		
☐ EDD (Type)	(Type)			# of Coolers:	7		38				tals:	1O ³) w			
				Cooler Temp(including CF):	including CF): 3	4-6.2=3.2	(°C)				θM	n, n (AC		lifor			
					Preservative		EX\	08:H	81 Pe	M) B(Hs b)	8 AR:	OV) 08	S) 02	oO lsi			
Date 7,	Time	Matrix	Sample Name	Type and #	Type	2207028	T8		_		BC	850		toT			
1/24/2	1208	9	BH08@50-52.5	(1)402 Glass	Non	B	×	メ			y	ン					
12/22	1216	S	BH08@52.5-55		_	500	1),									
treps	1219	8	BH08 @55-55.5			3											
1/22/12	1228	S	BHOB 855.5-57			D 00			<u> </u>								+
Juli	1245	S	BHOB QUO.25-62.25			82											+
that	1259	S	BH08@ 64-60			900	-						12	-			
1/21/2	1314	S	BH08645-70			203	-										
rheh	1329	S	BH08@725-75			de											
122/22	1350	S	BH08 @ 77.5-80			200		_									-
Hicke	1353	8	BHOB @ 80-82.5			010											
4272	1415	\$	BHO8 687.5-90			011										L	-
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Date:	Time: 1606	Relinquished by	tes	Received by:	Via:	Date Time	ي	Remarks:									Pag
Date:	Time:	Relinquished by:		Received by:	Via:	Date / Time											e 23
Pester	1850	2	1 - CNOS		round	- 776/22 6	(30)										4 of 2
<u>H</u>	necessary,	samples sub	If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories.	intracted to other acc	credited laboratorie	es. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.	ce of this poss	ibility. A	າງ sub-cາ	ontracted	l data wil	be clear	ly notat	ed on the	analytical rep	port.	36

	hain	-of-Cı	Chain-of-Custody Record	Turn-Around Time:	Time:				_				į				Receive
Client:	Souder	Miller	Client: South, Miller? Associates	□ Standard		# Rush Same Day				ANAL		SIS	Y S	ENVIKONMENTAL YSIS LABORATOR)	ATC	A A	
				Project Name:	ä					www.	www.hallenvironmental.com	ironm	ental.o	L mo:			
Mailing	Mailing Address: 201		South Halageuno	Entroprise	4 A-18 (Seb	(Set B)		4901	4901 Hawkins NE	ns NE	1	ndne	dne, l	Albuquerque, NM 87109	٠ ص		: 8/3/
Cark	artsbad,	NW	68220	Project #:				Tel.	505-345-3975	5-397	10	Fax 5(05-34	505-345-4107			/202
Phone 3	#: (205)	1320-	Phone #: (505)320 - 8975								√nal	rsis R	Request	ţ			2 4:
email or	r Fax#: Å	Shlex.	email or Fax#: AShley, Maxwell & Soudraniller.	Project Manager	ger:					-	₹ O !		(ţu				15:3
QA/QC I	QA/QC Package:	>	WO						0.55	SM	S ԠC		psq				4 PN
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□ NELAC	اچ	□ Other		On Ice:	₽-Yes	oN 🗆					10						
☐ EDD (Type)	(Type)			# of Coolers: 2-	2						8						
				Cooler Temp(including CF):	ng CF):	3-4-6-2= 3.2 (0)					2 C						
Date	Time	Matrix	Sample Name	Container	Preservative Type	HEAL TEAL	/ X∃T	08:H9 94 180	M) 80	d sHA	CRA 8	v) 052	2) 072 DO lsto				
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7 7 7 7 7 7 7 7 7 7 7 7	Jecs Time:	Relinguished by: Relinguished by:	Has	Received by:	Via:	Date Time	Remarks	ırks:									Page .
2	839	0	William C		aurie	57/2/E	.0					2					235 of 2
≝	necessary,	samples sub	If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories.	ntracted to other acc	credited laboratorie	es. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report	s possibili	ty. Any	ub-contr	acted da	a will be	clearly no	otated or	the analytic	al report.		36

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 131237

CONDITIONS

Operator:	OGRID:
Enterprise Field Services, LLC	241602
PO Box 4324	Action Number:
Houston, TX 77210	131237
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	11/17/2022