

Souder, Miller & Associates•201 S. Halagueno St.•Carlsbad, NM 88220 (575) 689-8801

October 30, 2018

#5E26816-BG13

NMOCD District 2 Ms. Maria Pruett 811 S. 1st Street Artesia, NM 88210

SUBJECT: Remediation Closure Report for the Anne Com #202H Release (2RP-4515), Malaga, New Mexico

Dear Ms. Pruett:

On behalf of Matador Resources, Souder, Miller & Associates (SMA) has prepared this Remediation Closure Report that describes the remediation of a release of liquids related to oil and gas production activities at the Anne Com #202H site. The site is in Unit E, Section 15, Township 24S, Range 28E, Eddy County, New Mexico, on Private land. Figure 1 illustrates the vicinity and site location on an USGS 7.5 minute quadrangle map.

Table 1 summarizes release information and Closure Criteria.

	Table 1: Release Information and Closure Criteria				
Name	Anne Com 202H	Company	Matador Resources		
API Number	30-015-44417	Location	32.2189835 -104.0830436		
Incident Number	2RP-4515				
Estimated Date of Release	11/23/17	Date Reported to NMOCD	11/27/17		
Land Owner	Private	Reported To	OCD, Mike Bratcher		
Source of Release	Equipment Error				
Released Volume	268 bbls	Released Material	Frac Fluid		
Recovered Volume	175 bbls	Net Release	93 bbls		
NMOCD Closure Criteria	<50 feet to groundwater				
SMA Response Dates	11/27, 12/6, 2017 and 6/21, 7/11, 8/16, 2018				

1.0 Background

On November 27, 2017, a release was discovered at the Anne Com #202H site due to equipment error. Initial response activities were conducted by a contractor, and included source elimination and removal of free fluids via vacuum truck, which recovered approximately 175 barrels of fluid which were hauled for disposal. Figure 1 illustrates the vicinity and site location, Figures 2 and 3 illustrate the release location. The C-141 form is included in Appendix A.

2.0 Site Information and Closure Criteria

The Anne Com 202H is located less than one mile southwest of Malaga , New Mexico on privatelyowned land at an elevation of approximately 3,013 feet above mean sea level (amsl).

Based upon OSE and USGS (Appendix B), depth to groundwater in the area is estimated to be 13 feet below grade surface (bgs). There is one known water sources within ½-mile of the location, according to the New Mexico Office of the State Engineer (NMOSE) online water well database (https://gis.ose.state.nm.us/gisapps/ose_pod_locations/; accessed 10/24/2018). NMOSE well C-02836 documents a depth to groundwater at 15 feet bgs. USGS well ending 43601 documents a depth to groundwater at 15 nearest significant watercourse is the Black River , located approximately one (1) mile to the north. Figure 2 illustrates the site with 200 and 300-foot radii to indicate that it does not lie within a sensitive area as described in 19.15.29.12.C(4) 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. The site has been restored to meet the standards of Table I of 19.15.29.12 NMAC.

Table 2 demonstrates the Closure Criteria applicable to this location. Pertinent well data is attached in Appendix B.

3.0 Release Characterization Activities and Findings

On November 27 and December 6, 2017, SMA personnel performed site delineation activities by collecting soil samples around the release site and throughout the visibly stained area. Soil samples were field-screened for chloride using an electrical conductivity (EC) meter.

A total of five (5) sample locations (Source, L1, L2, L3, and L4) were investigated using excavated test pits, to depths up to 3 feet bgs. A minimum of two samples were collected at each sampling location and field-screened using the method above. A total of 17 samples were collected for laboratory analysis for total chloride using EPA Method 300.0; one sample at the source was collected for analysis of 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. Table 3 itemizes the samples and field-screening results as well as identifying any variances from the typical specification of two samples per boring. Locations for all samples are depicted on Figure 3.

Laboratory samples were collected in accordance with the sampling protocol included in Appendix C. Samples were placed into laboratory supplied glassware, labeled, and maintained on ice until delivery to Hall Environmental Analysis Laboratory in Albuquerque, New Mexico (Appendix D). A summary of results can be found in Table 3.

In the workplan dated January 17, 2018, SMA proposed excavating and removing contaminated soil in the impacted area to approximately 1 foot bgs. On April 2, 2018, NMOCD requested additional sample locations and full delineation of locations to 600 ppm chloride.

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Anne Com 202H Remediation Closure Report (2RP-4515) October 30, 2018

On June 21, 2018, SMA conducted further delineation by collecting additional samples from locations L1 and L2, and from two additional sample locations (L5 and L6) to depths of four feet. Based on these results, SMA revised the estimated depth of excavation to 1,3 and 4 feet bgs. Sidewall samples were collected from the one-foot excavation of the northeastern portion of the release (SW1-SW5).

4.0 Soil Remediation Summary

In July and August, 2018, SMA returned to the site to guide the excavation of contaminated soil. After approval from area utilities via 811, SMA guided the excavation activities by collecting soil samples for field screening. Samples were screened for chloride using an electrical conductivity (EC) meter. The walls and base were excavated until field screening results indicated that the NMOCD Closure Criteria would be met. NMOCD was not notified 48 hours prior to closure samples being collected due to the fact they were collected before 19.15.29.5 NMAC (8/14/2018) was put into effect.

On July 11 and August 16, 2018, the excavation was completed, and confirmation samples were collected. The area around sample locations L1, L2, L6 and L7 was excavated to a depth of 1 feet bgs, Sample location L4 was excavated to a depth of 3 feet bgs, Sample location L5 was excavated to a depth of 4 feet bgs. Confirmation samples were collected from within the excavation. Confirmation samples were collected from and below the base (L1, L2, L4, L5, L6 and L7) and walls (SW1, SW2, SW3, SW4, SW5, SW6, SW7, SW8 and SW9).

A total of 26 samples were collected for laboratory analysis for total chloride using EPA Method 300.0; seven samples at locations L1, L2, L5, L6 and L7 were collected for analysis of 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.

Figure 3 shows the extent of the excavation and sample locations. All field screening and laboratory results are summarized in Table 3. Laboratory reports are included in Appendix C.

Contaminated soils were removed and replaced with clean backfill material to return the surface to previous contours. The contaminated soil was transported and disposed of at R360, Eddy County, NM, an NMOCD permitted disposal facility.

5.0 Scope and Limitations

The scope of our services included: assessment sampling; verifying release stabilization; regulatory liaison; remediation; and preparing this closure 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 either Austin Weyant at 575-689-8801 or Shawna Chubbuck at 505-325-7535.

Submitted by: SOUDER, MILLER & ASSOCIATES

Smean Michelette

Lucas C. Middleton Staff Scientist

Reviewed by:

Vauna Chubbuck

Shawna Chubbuck Senior Scientist

ATTACHMENTS:

Figures:

Figure 1: Vicinity and Well Head Protection Map Figure 2: Surface Water Radius Map Figure 3: Site and Sample Location Map

Tables:

Table 2: NMOCD Closure Criteria JustificationTable 3: Summary of Sample Results

Appendices:

Appendix A: Form C141 Appendix B: Wells Report Appendix C: Laboratory Analytical Reports Page 4 of 88

FIGURES

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Document: C:\Users\lcm\Documents\GIS DATA\MAPS\Anne Com 202H-Figure 2.mxd



TABLES

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Site Information (19.15.29.11.A(2, 3, and 4) NMAC)	Source/Notes	
Depth to Groundwater (feet bgs)	13	USGS, OSE
Hortizontal Distance From All Water Sources Within 1/2 Mile (ft)	2,703	NMOSE C-02836
Hortizontal Distance to Nearest Significant Watercourse (m)	1	USGS 7.5 Topographic Map

Closure Criteria (19.15.29.12.B(4) and Table 1 NMAC)						
	Closure Criteria (units in mg/kg)					
Depth to Groundwater		Chloride *numerical limit or background, whichever is greater	ТРН	GRO + DRO	BTEX	Benzene
< 50' BGS	Х	600	100		50	10
51' to 100'		10000	2500	1000	50	10
>100'		20000	2500	1000	50	10
Surface Water yes or no			if yes	s, then		
<300' from continuously flowing watercourse or other significant watercourse? <200' from lakebed, sinkhole or playa lake? Water Well or Water Source	NO NO					
<500 feet from spring or a private, domestic fresh water well used by less than 5 households for domestic or stock watering purposes? <1000' from fresh water well or spring?	NO NO	-				
Human and Other Areas		600	100		50	10
<300' from an occupied permanent residence, school, hospital, institution or church? within incorporated municipal boundaries or within a defined municipal fresh water well field?	NO					
<100' from wetland? NO		-				
within area overlying a subsurface mine NO		-				
within an unstable area?	NO					
within a 100-year floodplain?	NO					

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Sample				BTEX	Benzene	GRO	DRO	MRO	Total TPH	CI-	CI-
Number on	Sample Date	Depth (foot bgo)	Proposed							Field	Laboratory
Figure 2		(feet bgs)	Action	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	Screens	mg/Kg
	NMOCD Clo	sure Criteria		50	10	10	00		100		600
	12/6/2017	0-1	Excavated								
Source	12/6/2017	1	In-Situ	<0.210	<0.023	<4.7	<9.9	<50	<64.6	430	230
Source	12/6/2017	2	In-Situ					-			<30
	12/6/2017	2.5	In-Situ	-	-		-				780
	11/27/2017	0-1	Excavate				-	-		11,481	
L1	11/27/2017	1	Excavate				-			>300	
	6/21/2018	4	Sample	<0.220	<0.025	<4.9	<9.7	<48	<62.6		170
	11/27/2017	0-1	Excavated							8,758	
	12/6/2017	1	In-Situ								300
L2	12/6/2017	2	In-Situ								220
	12/6/2017	3	In-Situ								1000
	6/21/2018	4	In-Situ	<0.225	<0.025	<5.0	<9.6	<48	<62.6		78
	11/27/2017	0-1	Excavate							9,905	
L3	12/6/2017	1	In-Situ								280
	12/6/2017	2	In-Situ								88
	12/6/2017	3	In-Situ								110
	11/27/2017	0-1	Excavated							8,830	
	12/6/2017	1	Excavated							172	270
14	12/6/2017	2	Excavated			-					1200
L4	7/11/2018	3	Sample			-					<30
	7/11/2018	4	Sample								380
	7/11/2018	9	Sample								170
	7/11/2018	13	Sample								160
	6/21/2018 6/21/2018	0-1	Excavated Excavated	<0.222	<0.025	 <4.9	<50	<10	 <64.9		80
٤5	6/21/2018	2	Excavated				- <50				160
Ľ	6/21/2018	3	Excavated								100 1200
	6/21/2018	4	Sample	<0.216	<0.024	<4.8	<9.5	<47	<61.3		38
	6/21/2018	0-1	Excavated								
	6/21/2018	1	Sample	<0.213	<0.024	<4.7	<9.4	<47	<61.1		160
L6	6/21/2018	2	Sample			-	-	-			250
	6/21/2018	3	Sample								180
	6/21/2018	4	Sample	<0.210	<0.023	<4.7	<9.1	<46	<59.8		33
	8/16/2018	0-1	Sumple								
	8/16/2018	1	Sample								<20
L7	8/16/2018	2	Sample								<20
	8/16/2018	10	Sample	<0.216	<0.024						<20
SW1	6/21/2018	1	Sample								<30
SW2	6/21/2018	1	Sample								<30
SW3	6/21/2018	1	Sample								<30
SW4	6/21/2018	1	Sample								<30
	7/11/2018	1	Sample								47
SW5	6/21/2018	1	Sample	-							53
SW6	7/11/2018	1	Sample								200
SW7	7/11/2018	2	Sample	-							<30
SW8	7/11/2018	2	Sample								<30
SW9	7/11/2018	1	Sample								1600
	8/16/2018	1	Sample			-					<30
Spill Pile	11/27/2017	Surface	Sample							4,315	
	12/6/2017	1	Sample					-			50
BG	12/6/2017	2	Sample								33
	12/6/2017	2.5	Sample	-			-	-	-		36

-- = Not Analyzed

APPENDIX A FORM C141

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	NAB1734231291
District RP	2RP-4515
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Matador Resources	OGRID 228957	
Contact Name John Hurt	Contact Telephone 972-371-5499	
Contact email JHurt@matadorresources.com	Incident # (assigned by OCD) 2RP-4515	
Contact mailing address 5400 LBJ Freeway, Suite 1500		
Dallas, TX 75240		

Location of Release Source

Latitude 32.2189835_

Longitude__-104.0830436____ (NAD 83 in decimal degrees to 5 decimal places)

Site Name Anne COM RB #202H	Site Type Oil Well
Date Release Discovered 11/23/17	API# (if applicable) 300-015-44417

Unit Letter	Section	Township	Range	County
E	15	24S	28E	Eddy

Surface Owner: State Federal Tribal Private (Name: COLLINS, EFREN B & ZULEMA REV TRST_____)

Nature and Volume of Release

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls) 268	Volume Recovered (bbls) 175
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
🗌 Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Piping from fracing operations failed. Pipe broke and release fluids on pad and bar ditch. Vac truck removed all standing fluid.

Form C-141	State of New Mexico	Incident ID	NAB1734231291	
Page 2	Oil Conservation Division	District RP	2RP-4515	
		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. The release was over 25 bbls	y consider this a major release?		
	btice given to the OCD? By whom? To whom? Whe or) To: (OCD District 2) By: Phone	en and by what means (phone, e	mail, etc)?	
	Initial Response	6		

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury					
The source of the release has been stopped.					
The impacted area has been secured to protect human health and the environment.					
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.					
All free liquids and recoverable materials have been removed and managed appropriately.					
If all the actions described above have <u>not</u> been undertaken, explain why: No containment device where used due to the nature of the land and road which aided in the containment of the release					
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.					
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.					
Printed Name: John Hurt Title: RES Specialist					
Printed Name: John Hurt Title: RES Specialist Signature: Image: Im					
email:JHurt@matadorresources.com Telephone:972-371-5499					
OCD Only					
Received by: Date:					

Form C-141 Page 3 State of New Mexico Oil Conservation Division

Incident ID	NAB1734231291
District RP	2RP-4515
Facility ID	
Application ID	

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Site Assessment/Characterization

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

	1
What is the shallowest depth to groundwater beneath the area affected by the release?	<u>~13</u> (ft bgs)
Did this release impact groundwater or surface water?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🛛 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🛛 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🗌 Yes 🛛 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🛛 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🛛 No
Are the lateral extents of the release within a 100-year floodplain?	🗋 Yes 🛛 No
Did the release impact areas not on an exploration, development, production, or storage site?	🛛 Yes 🗌 No

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

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

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

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

Received by OCD: 12/7/20	022 11:03:15 AM			Page 16 of 8			
Form C-141 Page 4	State of New Mexico Oil Conservation Division		Incident IDNAB1734231291District RP2RP-4515Facility IDApplication ID				
regulations all operators public health or the env failed to adequately inva addition, OCD acceptan and/or regulations. Printed Name: Signature:	6 1	ifications and perform c OCD does not relieve th eat to groundwater, surfa responsibility for comp 	orrective actions for rele e operator of liability sh ace water, human health liance with any other fe RES Specialist	eases which may endanger ould their operations have or the environment. In deral, state, or local laws			
OCD Only Received by:	Jocelyn Harimon	Date: 12	/07/2022				

Form C-141 Page 6

State of New Mexico Oil Conservation Division

	Incident ID	NAB1734231291
j	District RP	2RP-4515
l	Facility ID	
1	Application ID	

Closure

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

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

A scaled site and sampling diagram as described in 19.15.29.11 NMAC

Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

Description of remediation activities

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

Printed Name: John Hurt	Title: RES Specialist
Signature:	Date:10/31/18
email: JHurt@matadorresources.com	Telephone:972-371-5499
OCD Only	
Received by: Jocelyn Harimon	Date:12/07/2022
	f liability should their operations have failed to adequately investigate and ater, human health, or the environment nor does not relieve the responsible regulations.
Closure Approved by:	Date:
Printed Name:	Title:

APPENDIX B WELLS REPORT

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)		•••			1=NW smalle:		3=SW 4=	,	D83 UTM in me	ters)	(In feet)	
	POD Sub-		Q	QC	ג						,	Depth	Depth	
POD Number C 02836	Code basin C	ED	-			c Iws 6 24S		5862	X 03	Y 3565676* 🥌	Distance 632	weii	15	Column
C 03824 POD1	CUB	ED	4	1 :	21	6 24S	28E	5857		3565578 🌍	810	290	60	230
C 00962	С	ED		3	31	0 24S	28E	5865	05	3565992* 🌍	919	63	9	54
<u>C 00890</u>	CUB	ED	3	3	41	0 24S	28E	5872	11	3565897* 🌍	1148	50		
<u>C 00488</u>	С	ED	2	1 :	2 1	5 24S	28E	5874	12	3565688* 🌍	1176	64	8	56
<u>C 00764</u>	CUB	ED	3	1 :	31	0 24S	28E	5863	99	3566292* 🌍	1214	118	25	93
<u>C 03132</u>	С	ED	1	2	4 1	5 24S	28E	5876	16	3564877* 🌍	1225	90	19	71
<u>C 00346</u>	С	ED		2	2 1	5 24S	28E	5877	15	3565591* 🌍	1405	90	32	58
<u>C 02244</u>	С	LE	3	1 3	22	2 24S	28E	5872	24	3563865* 🌍	1462	260		
C 02524 POD2	С	ED	2	2	2 1	5 24S	28E	5878	14	3565690* 🌍	1534	90	11	79
										Avera	ge Depth to	Water:	22	feet
											Minimum	Depth:	8	feet
											Maximum	Depth:	60	feet
Record Count: 10														

Record Count: 10

UTMNAD83 Radius Search (in meters):

Easting (X): 586406.51

Northing (Y): 3565077.49

Radius: 1610

*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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USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater Geographic Area: United States

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Groundwater levels for the Nation

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• 321336104043601

Minimum number of levels = 1

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USGS 321336104043601 24S.28E.10.343114

Available data for this site Groundwater: Field measurements

Eddy County, New Mexico Hydrologic Unit Code --Latitude 32°13'36", Longitude 104°04'36" NAD27 Land-surface elevation 3,012 feet above NAVD88 The depth of the well is 50 feet below land surface. This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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



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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USGS Water Resources

Data Category: Groundwater Geographic Area: United States

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• 321232104055301

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321232104055301 24S.28E.20.22244

Available data for this site Groundwater: Field measurements

Eddy County, New Mexico Hydrologic Unit Code --Latitude 32°12'32", Longitude 104°05'53" NAD27 Land-surface elevation 3,039 feet above NAVD88 The depth of the well is 212 feet below land surface. This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

USGS 321232104055301 245.28E.20.22244 3002 feet Depth to water level, feet below land 38 3000 40 1988, 2998 42 2996 44 surface above 2994 46 2992 leve] 48 2990 50 Groundwater 2988 52 2986 54 Jul Oct Nov Dec Jan Feb Har Арг Hay Jun 1955 1955 1955 1955 1954 1954 1954 1955 1955 1955 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>

Policies and Notices

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

Accessibility Plug-Ins FOIA Privacy

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

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: 2018-10-22 08:27:54 EDT 1.08 0.94 nadww01



(This form is to be executed in triplicate)

WELL RECORD

Date of Receipt				Pern	nit No	ral
Name of permite	e,Qar	lebad Irrige	tion Distri	c ჭ	ته دید اللہ 	
Street or P. O.					. N. M.	
. Well location and			13 Malaga '		2 NE	
			ell is located in			
¹ ⁄4 of	f Section	15, Township		28 E	; Elevatio	on of top
casing above sea	level,	feet; diame	ter of hole,8	inches; tot	al depth, 6	4 fe
depth to water up	pon completion	1,8./feet;	drilling was comme	nced Oct	t . 1 7	19
and completed	0ct. 1	9, 1953 ; :	name of drilling co	ntractor J.	F. Kimm	e11
Box 4	6 · Add	ress Carlabad.		· Driller's Lice		lied
	•			, 111101 0 11100		
2. Principal Water-l	in Feet	z. Thickness	Desorini	tion of Water-bea	ring Formation	
From	То	2.11.01.11.03.0	**************************************			
No. 1 32	54	22	Lime		· · · · · · · · ·	
No. 2						
No. 3				· · · · · · · · · · · · · · · · · · ·		17
No. 4			2 - A		:	
No. 5			· · · · · · · · · · · · · · · · · · ·	- · · · · · · · · · · · · · · · · · · ·		1
3. Casing Record: Diameter Pounds in inches per ft.	Threads per inch	Depth of Casing or Line Top Bottom	r Feet of Casing T	ype of Shoe	- Perfo From	rațion To
Diameter Pounds	per inch	Top Bottom			From	To
Diameter Pounds	per inch	Top Bottom	Casing T		From	To
Diameter Pounds in inches per ft.	per inch	rop Bottom	Casing T	······································	From 	To
Diameter Pounds in inches per ft. 	per inch	Top Bottom	Casing T		From 	To
Diameter Pounds in inches per ft. 	per inch	Top Bottom	Casing T		From 	To
Diameter Pounds in inches per ft. 	per inch	Top Bottom	Casing T		From 	To
Diameter Pounds in inches per ft.	per inch	Top Bottom	Casing T		From	To 5.5
Diameter in inches 7	per inch	ground 64 old well to be aband	Casing T	:	From 	T•
Diameter in inches 7	per inch	p	Casing T 651 6 Ioned, give location	:	From 	T•
Diameter Pounds in inches per ft. 	per inch	p	Casing T	:	From 	T•
Diameter Pounds in inches per ft. 	per inch	Top Bottom ground 64 old well to be aband p , Rar	Casing T 651 6 Ioned, give location	:	From 2.5 	T•
Diameter Pounds in inches Per ft. 	per inch	p Bottom ground 64 old well to be aband p Rar	Casing T 	:	From 2.5 	To 55
Diameter Pounds in inches per ft. 	per inch	p Bottom ground 64 old well to be aband p Rar	Casing T: 	:	From 	To 55
Diameter Pounds per ft. 	per inch	p Bottom ground 64 old well to be aband p Rar	Casing T: 	:	From 2.5 44 ss of pluggin gged:	To 55
Diameter Pounds in inches Per ft. 	per inch	sround 64 old well to be aband p, Rar	Casing T: 	:	From 2.5 	To 55
Diameter Pounds in inches Per ft. 	per inch	sround 64 old well to be aband p, Rar	Casing T: 	:	From 2.5 44 ss of pluggin gged:	To 55

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Received by OCD: 12/7/2022 11:02:15 AM

Loc. no: 24.28.15.210

A

Page 24 of 88

Page 25 of 88

5. Log of Well:

Depth From	in Feet Te	Thickness in feet	Description of Formation
00 .	01	01	soil
01	0.8	07	Caliche
08	32	24	Gray Clay
32	54	22	Lime
54	64	10	Gray Clay
20+111. 		······································	
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14	na ^{ta} n 1970 an 1970 an 1989 an 1970.	· .	
	n yang sa nasa tertukan sakat sa		
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- Marina (1997) - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 19			<u> </u>
		ver 49 Barrott Ver	
<u>tt.</u> Neves 81.			
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·····			
· · · · · · ·	in an		
		·	•

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.

ensed Well Driller Licen 6

.....

Instructions

This form shall be executed, preferably typewritten, in triplicate and filed with the State Engineer's Office at Roswell, New Mexico, within 10 days after drilling has been completed. Data on water-bearing strata and on all formations encountered should be as complete and accurate as possible.

Side,

APPENDIX C LABORATORY ANALYTICAL REPORTS



December 18, 2017

Austin Weyant Souder, Miller & Associates 201 S Halagueno Carlsbad, NM 88221 TEL: (575) 689-7040 FAX Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: <u>www.hallenvironmental.com</u>

OrderNo.: 1712483

RE: Anne Com 202 H

Dear Austin Weyant:

Hall Environmental Analysis Laboratory received 8 sample(s) on 12/8/2017 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 <u>www.hallenvironmental.com</u> 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 #NM0190

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environ	mental Analysi	is Laborat	ory, Inc.		Analytical Report Lab Order: 1712483 Date Reported: 12/1	8/2017
	Souder, Miller & Asso Anne Com 202 H	ciates		I	Lab Order: 17124	183
Lab ID: Client Sample ID:	1712483-001 L2-1		(e: 12/6/2017 12:20:00 I x: SOIL	PM
Analyses		Result	PQL Qual	Units	DF Date Analyzed	Batch ID
EPA METHOD 300 Chloride	0.0: ANIONS	300	30	mg/Kg	Ana 20 12/15/2017 2:01:11	alyst: MRA 7 PM 35535
Lab ID: Client Sample ID:	1712483-002 L2-2		(e: 12/6/2017 12:25:00 I k: SOIL	PM
Analyses		Result	PQL Qual	Units	DF Date Analyzed	Batch ID
EPA METHOD 300 Chloride).0: ANIONS	220	30	mg/Kg	Ana 20 12/15/2017 2:38:30	alyst: MRA DPM 35535
Lab ID: Client Sample ID:	1712483-003 L2-3				e: 12/6/2017 12:40:00 I c: SOIL	PM
Analyses		Result	PQL Qual	Units	DF Date Analyzed	Batch ID
EPA METHOD 300 Chloride	0.0: ANIONS	1000	30	mg/Kg	Ana 20 12/15/2017 2:50:55	alyst: MRA 5 PM 35535
Lab ID: Client Sample ID:	1712483-004 L3-1		(e: 12/6/2017 1:10:00 Pl c: SOIL	М
Analyses		Result	PQL Qual	Units	DF Date Analyzed	Batch ID
EPA METHOD 300 Chloride	0.0: ANIONS	280	30	mg/Kg	Ana 20 12/15/2017 12:57:4	alyst: MRA 44 PM 35538
Lab ID: Client Sample ID:	1712483-005 L3-2				e: 12/6/2017 1:13:00 A c: SOIL	М
Analyses		Result	PQL Qual	Units	DF Date Analyzed	Batch ID
EPA METHOD 300 Chloride).0: ANIONS	88	30	mg/Kg	Ana 20 12/15/2017 1:10:09	alyst: MRA 9 PM 35538

- Qualifiers:
- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 1 of 3
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

...

Hall Environ	mental Analysis I	Laborat	tory, Inc.		Date Reported: 12/18/2017
	Souder, Miller & Associate Anne Com 202 H	es			Lab Order: 1712483
Lab ID:	1712483-006			Collection	Date: 12/6/2017 1:18:00 PM
Client Sample ID:	L3-3			Ma	atrix: SOIL
Analyses		Result	PQL Qual	Units	DF Date Analyzed Batch ID
EPA METHOD 300 Chloride	D.0: ANIONS	110	30	mg/Kg	Analyst: MRA 20 12/15/2017 1:22:34 PM 35538
Lab ID:	1712483-007			Collection	Date: 12/6/2017 2:00:00 PM
Client Sample ID:	L4-1			Ma	atrix: SOIL
Analyses		Result	PQL Qual	Units	DF Date Analyzed Batch ID
EPA METHOD 300	0.0: ANIONS				Analyst: MRA
Chloride		270	30	mg/Kg	20 12/15/2017 1:34:58 PM 35538
Lab ID:	1712483-008		1	Collection	Date: 12/6/2017 2:08:00 AM
Client Sample ID:	L4-2			Ma	atrix: SOIL
Analyses		Result	PQL Qual	Units	DF Date Analyzed Batch ID
EPA METHOD 300	0.0: ANIONS				Analyst: MRA
Chloride		1200	75	mg/Kg	50 12/15/2017 2:49:26 PM 35538

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

Qualifiers:

- Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S
- Analyte detected in the associated Method Blank В
- Value above quantitation range Е
- J Analyte detected below quantitation limits Page 2 of 3
- Р Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Analytical Report Lab Order: 1712483

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*

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: Project:		r, Miller & Associates Com 202 H								
Sample ID	MB-35535	SampType: mblk		TestCode: EPA Method 300.0: Anions						
Client ID:	PBS	Batch ID: 3553	5	R	unNo: 47	816				
Prep Date:	12/15/2017	Analysis Date: 12/1	5/2017	S	eqNo: 15	31039	Units: mg/K	g		
Analyte Chloride		Result PQL S ND 1.5	PK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sample ID	LCS-35535	SampType: Ics		Test	tCode: EP	A Method	300.0: Anion	s		
Client ID:	LCSS	Batch ID: 3553	5	R	unNo: 47	816				
Prep Date:	12/15/2017	Analysis Date: 12/1	5/2017	SeqNo: 1531040			Units: mg/Kg			
Analyte		Result PQL S	PK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14 1.5	15.00	0	92.4	90	110			
Sample ID	MB-35538	SampType: mblk		Test	tCode: EP	A Method	300.0: Anion	s		
Client ID:	PBS	Batch ID: 3553	В	R	unNo: 47	827				
Prep Date:	12/15/2017	Analysis Date: 12/1	5/2017	S	eqNo: 15	31133	Units: mg/K	g		
Analyte		Result PQL S	PK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND 1.5								
Sample ID	LCS-35538	SampType: Ics		Test	tCode: EP	A Method	300.0: Anion	s		
Client ID:	LCSS	Batch ID: 3553	В	R	unNo: 47	827				
Prep Date:	12/15/2017	Analysis Date: 12/1	5/2017	S	eqNo: 15	31134	Units: mg/K	g		
Analyte		Result PQL S	PK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14 1.5	15.00	0	94.4	90	110			

Qualifiers:

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

1712483

18-Dec-17

WO#:

Page 3 of 3

HALL ENVIRONMENTAL ANALYSIS LABORATORY	TEL: 505-3-	Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com				og-In Check List	
Client Name: SMA-CARLSBAD	Work Order N	umber: 17124	83		RcptNo:	1	
Received By: Erin Melendrez	12/8/2017 9:35:0	00 444	11	11 1			
Completed By: Isaiah Ortiz	12/8/2017 10:55		20	nt.			
Reviewed By: ENM	12/8/17	:31 AM	IC				
Chain of Custody							
1. Custody seals intact on sample bottles?		200 C.	-	-			
2. Is Chain of Custody complete?		Yes [-		t Present 🗹		
3. How was the sample delivered?		Yes 🖌 Courier		L No	t Present 🗌		
Log In							
4. Was an attempt made to cool the samples?		Yes 🖌	No No				
5. Were all samples received at a temperature of	f >0° C to 6.0°C	Yes 🗹	No		NA 🗌		
6. Sample(s) in proper container(s)?		Yes 🔽	No		2011 (B. 1999)		
7. Sufficient sample volume for indicated test(s)?		No. [4					
8. Are samples (except VOA and ONG) properly	Vesesed?	Yes 🔽	No				
9. Was preservative added to bottles?	100011001	Yes ☑ Yes □	No No		NA 🗖		
10. VOA vials have zero headspace?					NA 🗌		
11. Were any sample containers received broken?		Yes 🗌 Yes 🗍	No No		A Vials 🔽		
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes 🗹	No (# of pr bottles	eserved checked		
3. Are matrices correctly identified on Chain of Cus	Cuhatu D				(<2 or >12	unless noted)	
4. Is it clear what analyses were requested?	Rodyr	Yes 🔽			djusted?		
 Were all holding times able to be met? (If no, notify customer for authorization.) 		Yes 🗹 Yes 🗹	No [201	hecked by:	- ¹	
pecial Handling (if applicable)							
6. Was client notified of all discrepancies with this o	rder?	Yes 🗌	No [1 0			
Person Notified:	Date:			_	NA 🗹		
By Whom:	Via:	-	Discontra				
Regarding:	vid.	eMail [Phone 🗌 Fa	ax 🗌 In Per	son		
Client Instructions:							
Additional remarks:							
Cooler Information							
Cooler No Temp C Condition Seal Int 1 1.1 Good Yes	act Seal No	Seal Date	Signed By	1			
1 1.1 Good Yes			oigned By				

	Chain	-of-CL	Chain-of-Custody Record	I urn-Around Time:	-IIIIe.		10	Ì						
Client:	SMA	41		□ Standard	Ø Rush	Eday turn				N V V	TKC	IMNO	HALL ENVIKONMENTAL ANALYSTS LABODATODY	.>
				Project Name:	122				www.hallenvironmental.com				ALOR	-
Mailin	Mailing Address: Z D	-	S. Halag ueno	Phree	4 CONN	102 #4	4901	4901 Hawkins NE - Albuquerque, NM 87109	NE - A	Ibuaue		JM 8710		
				Project #:			Tel.	Tel. 505-345-3975	3975	Fax 5	05-345	505-345-4107	,	
Phone #:	;#:								Ana	Analysis Request	senbey	st		
email	email or Fax#:			Project Manager:	ger:		(Xju	(0)		(°C	-			
aa/ac	QA/QC Package:		Level 4 (Full Validation)	AUSHIN		weyant	o seD)		(SMI	PO4,50	bCB. ^a			
Accreditati	Accreditation	□ Other		Sampler: Č C	icny nels	es PND	НЧТ	(1.8		' ^z ON' [®]	Z808 /	(1		(N
	C EDD (Type)				emperature: / _		+ 38	141	3 10					No Y
Date	Time	Matrix	Sample Request ID		Preservative Type	HEAL No.	976 + MTE 976 + MTE 98108 HT	EDB (Method	0168) a'HA9 9008 8 Met	D) A noine	8081 Pesticio 8260B (VOA	-ime2) 0728) səlddu8 1i/
LILOOTEY	12:20	-198	1-87	402.		1.00-		-	1	-	-			1
	12:25		12-21	1		C00-				7				
_	12:40		(2.3'			-003				7				
	1:10		1-2-1,	-		-004				2				
	1:13		13-2'			-005				>				
	1:18	_	18.31	_		-000				1				
	00:7		,1-+7			100-				/				
>	2:08	>	14-21	+		- 00%				>				
							_	_			-			-
Date:	Time	Balinniiche	ht.	Received hv		Date								
1/1/2			- And	MA	1	7 145%	Kemarks:			.I.a.				
2/1/17	Fime:	Relinduitted by:	ed by:	Recéived by:		Date Time 12/8/17 0935	10	N	MATAN	101				
	If necessary, sample		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.	intracted to other ac	credited laboratorie	s. This serves as notice of this p	ossibility. Any	sub-contracte	d data will	be clearly	notated or	in the analyti	cal report.	8

Released to Imaging: 3/7/2023 9:14:02 AM



December 18, 2017

Austin Weyant Souder, Miller & Associates 201 S Halagueno Carlsbad, NM 88221 TEL: (575) 689-7040 FAX (505) 885-0776

RE: Anne Com 202 11

OrderNo.: 1712480

Hall Environmental Analysis Laboratory

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

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Austin Weyant:

Hall Environmental Analysis Laboratory received 6 sample(s) on 12/8/2017 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 <u>www.hallenvironmental.com</u> 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 #NM0190

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysi	s I ahora	tory Inc		Analytical Report Lab Order 1712480	/2015
	S Labol a	tory, me.		Date Reported: 12/18	/2017
CLIENT: Souder, Miller & Associates			Client Samp	le ID: BG-1	
Project: Anne Com 202 11			Collection	Date: 12/6/2017 1:42:00 PM	
Lab ID: 1712480-001	Matrix: SOIL Received Date: 12/8/2017 9:35:00 AM				
Analyses	Result	PQL Qu	al Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	vst: MRA
Chloride	50	30	mg/Kg	20 12/15/2017 11:19:56	AM 35535

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 1 of 10
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysi	a Lahana	town Inc		Analytical Report Lab Order 1712480	
Hall Environmental Analysi	s Labora	tory, Inc.		Date Reported: 12/18	/2017
CLIENT: Souder, Miller & Associates			Client Samp	le ID: BG-2	
Project: Anne Com 202 11			Collection	Date: 12/6/2017 1:45:00 PM	
Lab ID: 1712480-002	Matrix:	SOIL	Received	Date: 12/8/2017 9:35:00 AM	
Analyses	Result	PQL Qua	l Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	vst: MRA
Chloride	33	30	mg/Kg	20 12/15/2017 11:32:20	AM 35535

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 2 of 10
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysi	s Labora	tory, Inc.		Analytical Report Lab Order 1712480 Date Reported: 12/18	/2017
CLIENT: Souder, Miller & Associates			Client Samp	le ID: BG-2.5	
Project: Anne Com 202 11			Collection	Date: 12/6/2017 1:53:00 PM	
Lab ID: 1712480-003	Matrix: SOIL Received Date: 12/8/2017 9:35:00 AM				
Analyses	Result	PQL Qu	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: MRA
Chloride	36	30	mg/Kg	20 12/15/2017 12:09:34	PM 35535

Qualifiers:	*
-------------	---

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 3 of 10
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified
Project:

Lab ID:

CLIENT: Souder, Miller & Associates

Anne Com 202 11

1712480-004

Analytical Report
Lab Order 1712480

Date Reported: 12/18/2017

Client Sample ID: Source 1 Collection Date: 12/6/2017 11:57:00 AM Received Date: 12/8/2017 9:35:00 AM

Lub ID: 1/12/00/001	iniutini S	OIL	Receiveu		0/2017 9:55:00 / 101	
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	/st: MRA
Chloride	230	30	mg/Kg	20	12/15/2017 12:21:59	PM 35535
EPA METHOD 8015M/D: DIESEL RAN	IGE ORGANICS				Analy	/st: TOM
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	12/12/2017 6:43:34 F	PM 35433
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	12/12/2017 6:43:34 F	PM 35433
Surr: DNOP	85.2	70-130	%Rec	1	12/12/2017 6:43:34 F	PM 35433
EPA METHOD 8015D: GASOLINE RA	NGE				Analy	/st: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	12/11/2017 11:10:18	AM 35409
Surr: BFB	114	15-316	%Rec	1	12/11/2017 11:10:18	AM 35409
EPA METHOD 8021B: VOLATILES					Analy	/st: NSB
Benzene	ND	0.023	mg/Kg	1	12/11/2017 11:10:18	AM 35409
Toluene	ND	0.047	mg/Kg	1	12/11/2017 11:10:18	AM 35409
Ethylbenzene	ND	0.047	mg/Kg	1	12/11/2017 11:10:18	AM 35409
Xylenes, Total	ND	0.093	mg/Kg	1	12/11/2017 11:10:18	AM 35409
Surr: 4-Bromofluorobenzene	107	80-120	%Rec	1	12/11/2017 11:10:18	AM 35409

Matrix: SOIL

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 4 of 10
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysi	s Labora	tory, Inc.		Analytical Report Lab Order 1712480 Date Reported: 12/18	/2017
CLIENT: Souder, Miller & Associates			-	le ID: Source 2	Λ
Project: Anne Com 202 11 Lab ID: 1712480-005	Matrix:	SOIL		Date: 12/6/2017 12:00:00 PM Date: 12/8/2017 9:35:00 AM	-
Analyses	Result	PQL Qu	al Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	vst: MRA
Chloride	ND	30	mg/Kg	20 12/15/2017 12:34:24	PM 35535

Qualifiers:	*
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- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 5 of 10
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysi	s Labora	tory, Inc.		Analytical Report Lab Order 1712480 Date Reported: 12/18	/2017
CLIENT: Souder, Miller & Associates			-	le ID: Source 2.5	π
Project: Anne Com 202 11 Lab ID: 1712480-006	Matrix:	SOIL		Date: 12/6/2017 12:13:00 PM Date: 12/8/2017 9:35:00 AM	-
Analyses	Result	PQL Qu	al Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	vst: MRA
Chloride	780	30	mg/Kg	20 12/15/2017 12:46:49	PM 35535

Qualifiers:	*
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- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 6 of 10
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Client: Project:		r, Miller & As Com 202 11	sociate	es							
Sample ID	MB-35535	SampTy	/pe: m t	olk	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID:	PBS	Batch	ID: 35	535	F	RunNo: 47	7816				
Prep Date:	12/15/2017	Analysis Da	ate: 12	2/15/2017	5	SeqNo: 1	531039	Units: mg/K	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID	LCS-35535	SampTy	vpe: Ics	5	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID:	LCSS	Batch	ID: 35	535	F	RunNo: 47	7816				
Prep Date:	12/15/2017	Analysis Da	ate: 12	2/15/2017	5	SeqNo: 1	531040	Units: mg/K	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	92.4	90	110			

Qualifiers:

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

1712480

18-Dec-17

WO#:

n Range

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Released to Imaging: 3/7/2023 9:14:02 AM

Client: Project:	Souder, M Anne Co	Miller & As	sociate	es							
Sample ID	LCS-35433	SampTy	pe: LC	S	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID:	LCSS	Batch	ID: 35	433	F	RunNo: 4	7696				
Prep Date:	12/11/2017	Analysis Da	ate: 12	2/12/2017	S	SeqNo: 1	524952	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
	Organics (DRO)	46	10	50.00	0	91.7	73.2	114			
Surr: DNOP		4.4		5.000		88.8	70	130			
Sample ID	MB-35433	SampTy	pe: ME	BLK	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID:	PBS	Batch	ID: 35	433	F	RunNo: 4	7696				
Prep Date:	12/11/2017	Analysis Da	ate: 12	2/12/2017	S	SeqNo: 1	524953	Units: mg/ł	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range	Organics (DRO)	ND	10								
Motor Oil Rang	ge Organics (MRO)	ND	50								
Surr: DNOP		9.2		10.00		91.9	70	130			
Sample ID	1712480-004AMS	SampTy	/pe: M \$	6	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID:	Source 1	Batch	ID: 35	433	F	RunNo: 4	7696				
Prep Date:	12/11/2017	Analysis Da	ate: 12	2/12/2017	S	SeqNo: 1	525778	Units: mg/k	٨g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range	Organics (DRO)	39	9.3	46.43	0	84.7	55.8	125			
Surr: DNOP		3.7		4.643		80.0	70	130			
Sample ID	1712480-004AMS	D SampTy	/pe: M\$	SD	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID:	Source 1	Batch	ID: 35	433	F	RunNo: 4	7696				
Prep Date:	12/11/2017	Analysis Da	ate: 12	2/12/2017	S	SeqNo: 1	525779	Units: mg/k	٨g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range	Organics (DRO)	43	9.2	46.08	0	92.6	55.8	125	8.14	20	
Surr: DNOP		4.2		4.608		90.6	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
- 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 Detection Limit
- W Sample container temperature is out of limit as specified

1712480

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Client: Project:	Souder, N Anne Cor	Miller & As m 202 11	ssociate	es							
Sample ID	MB-35409	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	е	
Client ID:	PBS	Batch	ID: 35	409	F	RunNo: 4	7674				
Prep Date:	12/8/2017	Analysis D	ate: 12	2/11/2017	S	SeqNo: 1	523843	Units: mg/k	٤g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang Surr: BFB	e Organics (GRO)	ND 1100	5.0	1000		110	15	316			
Sample ID	LCS-35409	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	е	
Client ID:	LCSS	Batch	ID: 35	409	F	anNo: 4	7674				
Prep Date:	12/8/2017	Analysis D	ate: 12	2/11/2017	S	SeqNo: 1	523844	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
	e Organics (GRO)	27	5.0	25.00	0	108	75.9	131			
Surr: BFB		1200		1000		122	15	316			
Sample ID	1712480-004AMS	SampT	ype: MS	6	Tes	tCode: El	PA Method	8015D: Gaso	oline Rang	e	
Client ID:	Source 1	Batch	ID: 35	409	F	RunNo: 4	7674				
Prep Date:	12/8/2017	Analysis D	ate: 12	2/11/2017	5	SeqNo: 1	523847	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	25	4.6	22.87	0	111	77.8	128			
Surr: BFB		1100		914.9		124	15	316			
Sample ID	1712480-004AMSI	D SampT	ype: MS	SD	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID:	Source 1	Batch	ID: 35	409	F	RunNo: 4	7674				
Prep Date:	12/8/2017	Analysis D	ate: 12	2/11/2017	S	SeqNo: 1	523848	Units: mg/k	ζg		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
	e Organics (GRO)	26	4.8	24.22	0	109	77.8	128	4.03	20	
Surr: BFB		1200		969.0		128	15	316	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
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- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

1712480

18-Dec-17

WO#:

	ler, Miller & A e Com 202 11	ssociate	28							
Sample ID MB-35409	Samp	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: PBS	Batc	h ID: 35	409	R	anNo: 4	7674				
Prep Date: 12/8/2017	Analysis [Date: 12	2/11/2017	S	SeqNo: 1	523870	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		104	80	120			
Sample ID LCS-35409	Samp	Гуре: LC	s	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: LCSS	Batc	h ID: 35	409	R	RunNo: 4	7674				
Prep Date: 12/8/2017	Analysis [Date: 12	2/11/2017	S	SeqNo: 1	523871	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.025	1.000	0	93.9	77.3	128			
Toluene	0.92	0.050	1.000	0	92.3	79.2	125			
Ethylbenzene	0.87	0.050	1.000	0	87.3	80.7	127			
Xylenes, Total	2.6	0.10	3.000	0	85.7	81.6	129			
Surr: 4-Bromofluorobenzene	1.1		1.000		109	80	120			

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

1712480

18-Dec-17

WO#:

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Received by OCD: 12/7/2022 11:03:15 AM

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HALL ENVIRONN ANALYSIS LABORATO		TEL: 505-345	ental Analysis Labo 4901 Hawki Albuquerque, NM 3975 FAX: 505-345 ww.hallenvironmenta	ns NE 87109 Sar -4107	nple Log-In Cho	eck List
Client Name: SMA	-CARLSBAD	Work Order Nur	nber: 1712480		RcptNo: 1	·
Received By: Erir	I Melendrez	12/8/2017 9:35:00	AM	ing	T	
Completed By: Isai	ah Ortiz	12/8/2017 10:39:0	7 AM	ICA	-	
Reviewed By:	JM	12/8/17				
Chain of Custody						
1. Custody seals intac	ct on sample bottles?		Yes 🗌	No 🗌	Not Present 🔽	
2. Is Chain of Custody			Yes 🔽	No 🗌	Not Present	
3. How was the samp	le delivered?		Courier			
<u>Log In</u>						
4. Was an attempt ma	ade to cool the samples	?	Yes 🔽	No 🗌		
5. Were all samples re	eceived at a temperature	e of >0° C to 6.0°C	Yes 🔽	No 🗆	NA 🗌	
6. Sample(s) in prope	r container(s)?		Yes 🔽	No 🗌		
7. Sufficient sample vo	plume for indicated test(s)?	Yes 🔽	No 🗌		
8. Are samples (excep	t VOA and ONG) prope	rly preserved?	Yes 🔽	No 🗌		
Was preservative ad	dded to bottles?		Yes	No 🗹	NA 🗌	
10.VOA vials have zero	headspace?		Yes 🗋	No 🗆	No VOA Vials 🔽	
1. Were any sample c	ontainers received broke	en?	Yes	No 🔽		
2. Does paperwork ma			Yes 🔽	No 🗌	# of preserved bottles checked for pH:	
	on chain of custody)		_	_		2 unless noted)
4. Is it clear what analy	ly identified on Chain of	Custody?	Yes 🗹	No 🗌	Adjusted?	
5. Were all holding time			Yes 🗹 Yes 🗹	No 🗌	Observed by	
(If no, notify custome			Yes 🗹	No 🗌	Checked by:	
<u>pecial Handling (ii</u>	f applicable)					
6. Was client notified of	f all discrepancies with t	his order?	Yes	No 🗋	NA 🗹	
Person Notified	d: [Date		and a subscription of the		
By Whom:	[Via:	eMail [] P	hone 🗌 Fax	In Person	
Regarding:						
Client Instructio	ons:]			······		
Cooler Information		al Intact Seal No	Seal Date	Signed By		
1 1.1	Good Not	Present				

0	Chain-	-of-CL	Chain-of-Custody Record	Turn-Around Time:	Time:												
Client:	Sna	44		□ Standard	Kush	Edaytum		Ę,	Ì		EN		ō :	MN	HALL ENVIRONMENTAL	_ >	
				Project Name:	122				R			0		20	ANALTSIS LABORALORI	5	
Mailing	Mailing Address:	201	S. Halaqueno	Anne	e com	1 202#1	4	901 H	www.n 4901 Hawkins NE	www.nallenvironmental.com	Albud	uerou	e NN	environmental.com Albuquerque NM 87109			
			5	Project #:				el. 50	Tel. 505-345-3975		Fax	Fax 505-345-4107	345-	107			
Phone #:	ŧ									A	Analysis Request	s Req	uest				
email c	email or Fax#:			Project Manager:	iger:			1.1.1	-		(*0	-		-		-	_
CA/OC Packa	OA/OC Package:		Level 4 (Full Validation)	Aus	Austin W.	Weyant	X.**	2019 (C.C.C.C.C.C.)		(SMI	os"od	STORIE COLLEGE		_			
Accrec	Accreditation			Sampler: Lo	LUN MR	x		C	_		I.ON			_		()	
D NELAP	LAP	□ Other		On Ice:	N Yes	D No		1			_			(A		N 10	
	C EDD (Type)			ALC: NO	[emperature:] _	a substant and such as		1999 662			100	-	(\	0))	
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL NO.	тм + хэтв тм + хэтв	80168 H9T	EDB (Metho Metho	rɛ8) a'HA9	Anions (F	8081 Pestic	8260B (VO/	ime2) 0728		səlddu8 iiA	
12/04/17	7142	-is	BG-1'	4ct.		100-)						-
	56.1	-	BG-2'			en-					7	1				-	-
	1.53		BG-2.5'			- 073			-		7	1				-	
-	11:57		Source 1'			-004	>	>			7						-
	12:60		Source 2'			-005			-		7						_
>	10:13	+	Source 2.5'	->		- 20 6			$\left \right $		2						
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				,12			_										
Date: 0/1/2/	Time: 2:5%	Relinquished by.	ed by:	Received by	_	Date Time 12/1/17 1456	Remarks:	:S:	8		2						
10	Time:	Reinguig	/ J. J.	Received by:		Date Time	20		N	Matau	m	101	(
elle le	17 120	R	4	CAR	0	-	10										3
	If necessary.	idus Seldmes	if necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories	ontracted to other ac	condited laboratorie	s. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report COUNIEN	possibility.	Any sub	COUNI COUNI CY	od data v	III De clea	rly notal	thed on t	te analytica	al report.		



July 05, 2018

Austin Weyant Souder, Miller & Associates 201 S Halagueno Carlsbad, NM 88221 TEL: (575) 689-7040 FAX Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

RE: Anne Com 202H

OrderNo.: 1806E49

Dear Austin Weyant:

Hall Environmental Analysis Laboratory received 16 sample(s) on 6/23/2018 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 <u>www.hallenvironmental.com</u> or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1806E49

Date Reported: 7/5/2018

CLIENT: Souder, Miller & Associates	Client Sample ID: L1-4						
Project: Anne Com 202H		(Collection Dat	e: 6/2	21/2018 10:00:00 AM		
Lab ID: 1806E49-001	Matrix: SOIL		Received Dat	e: 6/2	23/2018 10:40:00 AM		
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analys	: CJS	
Chloride	170	30	mg/Kg	20	7/1/2018 6:18:48 PM	38987	
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS				Analys	: TOM	
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	6/27/2018 3:15:02 PM	38892	
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	6/27/2018 3:15:02 PM	38892	
Surr: DNOP	90.8	70-130	%Rec	1	6/27/2018 3:15:02 PM	38892	
EPA METHOD 8015D: GASOLINE RAN	IGE				Analys	: NSB	
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/26/2018 10:04:14 PM	38869	
Surr: BFB	80.3	15-316	%Rec	1	6/26/2018 10:04:14 PM	38869	
EPA METHOD 8021B: VOLATILES					Analys	: NSB	
Methyl tert-butyl ether (MTBE)	ND	0.098	mg/Kg	1	6/26/2018 10:04:14 PM	38869	
Benzene	ND	0.025	mg/Kg	1	6/26/2018 10:04:14 PM	38869	
Toluene	ND	0.049	mg/Kg	1	6/26/2018 10:04:14 PM	38869	
Ethylbenzene	ND	0.049	mg/Kg	1	6/26/2018 10:04:14 PM	38869	
Xylenes, Total	ND	0.098	mg/Kg	1	6/26/2018 10:04:14 PM	38869	
Surr: 4-Bromofluorobenzene	103	80-120	%Rec	1	6/26/2018 10:04:14 PM	38869	

- * 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
- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limits Page 1 of 22 J
- Р Sample pH Not In Range
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified W

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1806E49

Date Reported: 7/5/2018

6/26/2018 10:27:38 PM 38869

6/26/2018 10:27:38 PM 38869

CLIENT: Souder, Miller & Associates Project: Anne Com 202H Lab ID: 1806E49-002	Client Sample ID: L2-4 Collection Date: 6/21/2018 10:20:00 AM Matrix: SOIL Received Date: 6/23/2018 10:40:00 AM						
Analyses	Result	PQL	Qual Units		Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analyst	: CJS	
Chloride	78	30	mg/Kg	20	7/1/2018 6:31:13 PM	38987	
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	том	
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	6/27/2018 3:37:26 PM	38892	
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	6/27/2018 3:37:26 PM	38892	
Surr: DNOP	84.9	70-130	%Rec	1	6/27/2018 3:37:26 PM	38892	
EPA METHOD 8015D: GASOLINE RANGE	-				Analyst	: NSB	
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/26/2018 10:27:38 PM	38869	
Surr: BFB	80.4	15-316	%Rec	1	6/26/2018 10:27:38 PM	38869	
EPA METHOD 8021B: VOLATILES					Analyst	: NSB	
Methyl tert-butyl ether (MTBE)	ND	0.10	mg/Kg	1	6/26/2018 10:27:38 PM	38869	
Benzene	ND	0.025	mg/Kg	1	6/26/2018 10:27:38 PM	38869	
Toluene	ND	0.050	mg/Kg	1	6/26/2018 10:27:38 PM	38869	
Ethylbenzene	ND	0.050	mg/Kg	1	6/26/2018 10:27:38 PM	38869	

ND

101

0.10

80-120

mg/Kg

%Rec

1

1

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

Xylenes, Total

Surr: 4-Bromofluorobenzene

- 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
- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limits Page 2 of 22 J
- Р Sample pH Not In Range
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified W

*

Surr: BFB

Benzene

Toluene

Ethylbenzene

Xylenes, Total

EPA METHOD 8021B: VOLATILES

Methyl tert-butyl ether (MTBE)

Surr: 4-Bromofluorobenzene

Analytical Report Lab Order 1806E49

6/27/2018 12:00:57 AM 38869

Analyst: NSB

Hall Environmental Analysis Laboratory, Inc.

Lab Order **1806E49** Date Reported: **7/5/2018**

	,	Ŭ,				1	~
CLIENT: Project:	Souder, Miller & Associates Anne Com 202H			ent Sample II ollection Date		-1 21/2018 10:50:00 AM	
Lab ID:	1806E49-003	Matrix: SOIL	I	Received Date	e: 6/2	23/2018 10:40:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	: CJS
Chloride		80	30	mg/Kg	20	7/1/2018 6:43:38 PM	38987
EPA MET	HOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	: том
Diesel Ra	ange Organics (DRO)	ND	10	mg/Kg	1	6/27/2018 3:59:36 PM	38892
Motor Oil	Range Organics (MRO)	ND	50	mg/Kg	1	6/27/2018 3:59:36 PM	38892
Surr: D	DNOP	110	70-130	%Rec	1	6/27/2018 3:59:36 PM	38892
EPA MET	HOD 8015D: GASOLINE RANG	GE				Analyst	: NSB
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	6/27/2018 12:00:57 AM	38869

77.3

ND

ND

ND

ND

ND

99.6

15-316

0.099

0.025

0.049

0.049

0.099

80-120

%Rec

mg/Kg

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

1

1

1

1

1

1

1

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 3 of 22
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis	s Laboratory, I	nc.			Analytical Report Lab Order 1806E49 Date Reported: 7/5/201	18
CLIENT:Souder, Miller & AssociatesProject:Anne Com 202HLab ID:1806E49-004	Matrix: SOIL	Coll		t e: 6/2	-2 1/2018 11:00:00 AM 3/2018 10:40:00 AM	
Analyses	Result	PQL Qu	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS Chloride	160	30	mg/Kg	20	Analys 7/1/2018 6:56:03 PM	t: CJS 38987

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 4 of 22
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis	s Laboratory, 1	nc.			Analytical Report Lab Order 1806E49 Date Reported: 7/5/201	8
CLIENT: Souder, Miller & Associates Project: Anne Com 202H Lab ID: 1806E49-005	Matrix: SOIL	Client Coll		e: 6/2		
Analyses	Result	PQL Qu	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS Chloride	1200	30	mg/Kg	20	Analys 7/1/2018 7:08:28 PM	t: CJS 38987

Qualifiers:	*
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- * Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 5 of 22
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Analytical Report

Lab Order 1806E49

Date Reported: 7/5/2018

CLIENT: Souder, Miller & Associates): L5					
Project: Anne Com 202H	Collection Date: 6/21/2018 11:15:00 AM						
Lab ID: 1806E49-006	Matrix: SOIL Received Date: 6/23/2018 10:40:00 AM						
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analyst	: CJS	
Chloride	38	30	mg/Kg	20	7/1/2018 7:20:52 PM	38987	
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	TOM	
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	6/27/2018 4:22:04 PM	38892	
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	6/27/2018 4:22:04 PM	38892	
Surr: DNOP	94.1	70-130	%Rec	1	6/27/2018 4:22:04 PM	38892	
EPA METHOD 8015D: GASOLINE RAN	GE				Analyst	: NSB	
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	6/27/2018 12:24:17 AN	38869	
Surr: BFB	76.6	15-316	%Rec	1	6/27/2018 12:24:17 AN	38869	
EPA METHOD 8021B: VOLATILES					Analyst	: NSB	
Methyl tert-butyl ether (MTBE)	ND	0.096	mg/Kg	1	6/27/2018 12:24:17 AN	38869	
Benzene	ND	0.024	mg/Kg	1	6/27/2018 12:24:17 AN	38869	
Toluene	ND	0.048	mg/Kg	1	6/27/2018 12:24:17 AN	38869	
Ethylbenzene	ND	0.048	mg/Kg	1	6/27/2018 12:24:17 AN	38869	
Xylenes, Total	ND	0.096	mg/Kg	1	6/27/2018 12:24:17 AN	38869	
Surr: 4-Bromofluorobenzene	98.4	80-120	%Rec	1	6/27/2018 12:24:17 AN	38869	

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

- Value exceeds Maximum Contaminant Level. Sample Diluted Due to Matrix D
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S
- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limits Page 6 of 22 J
- Р Sample pH Not In Range
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified W

*

Analytical Report

Lab Order 1806E49

Date Reported: 7/5/2018

CLIENT: Souder, Miller & Associates	Client Sample ID: L6-1 Collection Date: 6/21/2018 12:00:00 PM Matrix: SOIL Received Date: 6/23/2018 10:40:00 AM						
Project: Anne Com 202H Lab ID: 1806E49-007							
Analyses	Result		Qual Units		Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analyst	: CJS	
Chloride	160	30	mg/Kg	20	7/1/2018 7:58:05 PM	38987	
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst	: том	
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	6/27/2018 4:44:15 PM	38892	
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	6/27/2018 4:44:15 PM	38892	
Surr: DNOP	92.7	70-130	%Rec	1	6/27/2018 4:44:15 PM	38892	
EPA METHOD 8015D: GASOLINE RAN	IGE				Analyst	: NSB	
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	6/27/2018 12:47:30 AM	38869	
Surr: BFB	78.0	15-316	%Rec	1	6/27/2018 12:47:30 AM	38869	
EPA METHOD 8021B: VOLATILES					Analyst	NSB	
Methyl tert-butyl ether (MTBE)	ND	0.095	mg/Kg	1	6/27/2018 12:47:30 AM	38869	
Benzene	ND	0.024	mg/Kg	1	6/27/2018 12:47:30 AM	38869	
Toluene	ND	0.047	mg/Kg	1	6/27/2018 12:47:30 AM	38869	
Ethylbenzene	ND	0.047	mg/Kg	1	6/27/2018 12:47:30 AM	38869	
Xylenes, Total	ND	0.095	mg/Kg	1	6/27/2018 12:47:30 AM	38869	
Surr: 4-Bromofluorobenzene	99.2	80-120	%Rec	1	6/27/2018 12:47:30 AM	38869	

- * Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix D
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S
- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limits Page 7 of 22 J
- Р Sample pH Not In Range
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified W

Hall Environmental Analysis	s Laboratory, I	nc.			Analytical Report Lab Order 1806E49 Date Reported: 7/5/201	8
CLIENT:Souder, Miller & AssociatesProject:Anne Com 202HLab ID:1806E49-008	Client Sample ID: L6-2 Collection Date: 6/21/2018 Matrix: SOIL Received Date: 6/23/2018			21/2018 12:05:00 PM		
Analyses	Result	PQL Qu	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS Chloride	250	30	mg/Kg	20	Analys 7/1/2018 8:10:29 PM	t: CJS 38987

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 8 of 22
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis	s Laboratory, I	nc.			Analytical Report Lab Order 1806E49 Date Reported: 7/5/201	8
CLIENT:Souder, Miller & AssociatesProject:Anne Com 202HLab ID:1806E49-009	Matrix: SOIL	Coll		e: 6/2	5-3 21/2018 12:10:00 PM 23/2018 10:40:00 AM	
Analyses	Result	PQL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS Chloride	180	30	mg/Kg	20	Analys 7/1/2018 8:47:42 PM	t: CJS 38987

Qualifiers:	*
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- * Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 9 of 22
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Surr: 4-Bromofluorobenzene

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1806E49

Date Reported: 7/5/2018

CLIENT:Souder, Miller & AssociatesProject:Anne Com 202HLab ID:1806E49-010	Client Sample ID: L6-4 Collection Date: 6/21/2018 12:20:00 PM Matrix: SOIL Received Date: 6/23/2018 10:40:00 AM					
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: CJS
Chloride	33	30	mg/Kg	20	7/1/2018 9:00:07 PM	38987
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	: ТОМ
Diesel Range Organics (DRO)	ND	9.1	mg/Kg	1	6/27/2018 5:06:35 PM	38892
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	6/27/2018 5:06:35 PM	38892
Surr: DNOP	97.6	70-130	%Rec	1	6/27/2018 5:06:35 PM	38892
EPA METHOD 8015D: GASOLINE RANG	θE				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	6/27/2018 1:10:57 AM	38874
Surr: BFB	79.1	15-316	%Rec	1	6/27/2018 1:10:57 AM	38874
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Methyl tert-butyl ether (MTBE)	ND	0.093	mg/Kg	1	6/27/2018 1:10:57 AM	38874
Benzene	ND	0.023	mg/Kg	1	6/27/2018 1:10:57 AM	38874
Toluene	ND	0.047	mg/Kg	1	6/27/2018 1:10:57 AM	38874
Ethylbenzene	ND	0.047	mg/Kg	1	6/27/2018 1:10:57 AM	38874
Xylenes, Total	ND	0.093	mg/Kg	1	6/27/2018 1:10:57 AM	38874

101

80-120

%Rec

1

6/27/2018 1:10:57 AM

38874

- * 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
- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limit Page 10 of 22 J
- Р Sample pH Not In Range
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified W

Hall Environmental Analysis	s Laboratory, I	nc.		Analytical Report Lab Order 1806E49 Date Reported: 7/5/20	18
CLIENT: Souder, Miller & Associates Project: Anne Com 202H Lab ID: 1806E49-011	Matrix: SOIL	Col		D: BG-P e: 6/21/2018 12:40:00 PM e: 6/23/2018 10:40:00 AM	
Analyses	Result	PQL Q	ual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS Chloride	4000	150	mg/Kg	Analys 100 7/2/2018 8:12:20 PM	st: MRA 38987

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 11 of 22
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis	s Laboratory, I	nc.			Analytical Report Lab Order 1806E49 Date Reported: 7/5/201	8
CLIENT:Souder, Miller & AssociatesProject:Anne Com 202HLab ID:1806E49-012	Matrix: SOIL	V1 21/2018 1:00:00 PM 23/2018 10:40:00 AM				
Analyses	Result	PQL Qu	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS Chloride	ND	30	mg/Kg	20	Analys 7/1/2018 9:24:56 PM	t: CJS 38987

Qualifiers:	
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- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 12 of 22
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis	s Laboratory, I	nc.			Analytical Report Lab Order 1806E49 Date Reported: 7/5/201	8
CLIENT: Souder, Miller & Associates Project: Anne Com 202H Lab ID: 1806E49-013	Matrix: SOIL	V2 21/2018 1:20:00 PM 23/2018 10:40:00 AM				
Analyses	Result	PQL Qu	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS Chloride	ND	30	mg/Kg	20	Analys 7/1/2018 9:37:20 PM	t: CJS 38987

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 13 of 22
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis	s Laboratory, I	nc.			Analytical Report Lab Order 1806E49 Date Reported: 7/5/201	18
CLIENT:Souder, Miller & AssociatesProject:Anne Com 202HLab ID:1806E49-014	Matrix: SOIL	V3 21/2018 1:40:00 AM 23/2018 10:40:00 AM				
Analyses	Result	PQL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS Chloride	ND	30	mg/Kg	20	Analys 7/1/2018 9:49:45 PM	t: CJS 38987

Qualifiers:	1
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- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 14 of 22
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis	s Laboratory, I	nc.			Analytical Report Lab Order 1806E49 Date Reported: 7/5/20	18
CLIENT: Souder, Miller & Associates Project: Anne Com 202H Lab ID: 1806E49-015	Matrix: SOIL	Clien Coll	e: 6/2	: SW4 : 6/21/2018 2:00:00 PM : 6/23/2018 10:40:00 AM		
Analyses	Result	PQL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS Chloride	43	30	mg/Kg	20	Analy: 7/1/2018 10:02:10 PM	st: CJS 1 38987

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 15 of 22
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis	s Laboratory, l	nc.			Analytical Report Lab Order 1806E49 Date Reported: 7/5/20	18
CLIENT: Souder, Miller & Associates Project: Anne Com 202H Lab ID: 1806E49-016	Matrix: SOIL	Coll		e: 6/2	V5 21/2018 2:05:00 PM 23/2018 10:40:00 AM	
Analyses	Result	PQL Qu	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS Chloride	53	30	mg/Kg	20	Analy 7/1/2018 10:14:35 PM	st: CJS 1 38987

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 16 of 22
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Client: Project:		ler, Miller & As e Com 202H	ssociate	es							
Sample ID	MB-38987	8987 SampType: mblk TestCode: EPA Method 300.0: Anions									
Client ID:	PBS	Batch	ID: 38	987	F	RunNo: 52	2408				
Prep Date:	6/29/2018	Analysis Da	ate: 7/	1/2018	S	SeqNo: 17	718190	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID	LCS-38987	SampTy	ype: Ics	5	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID:	LCSS	Batch	ID: 38	987	F	RunNo: 52	2408				
Prep Date:	6/29/2018	Analysis Da	ate: 7/	1/2018	SeqNo: 1718191 Units: mg/Kg						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	93.2	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
- 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 Detection Limit
- W Sample container temperature is out of limit as specified

1806E49

05-Jul-18

WO#:

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,	Miller & A om 202H	ssociate	es							
Sample ID LCS-38892	SampT	ype: LC	s	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: LCSS	Batcl	n ID: 38	892	R	anNo: 5	2270				
Prep Date: 6/26/2018	Analysis D	0ate: 6/	27/2018	S	SeqNo: 1	713083	Units: mg/k	٨g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	96.2	70	130			
Surr: DNOP	4.1		5.000		81.4	70	130			
Sample ID MB-38892	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: PBS	Batcl	n ID: 38	892	R	anNo: 5	2270				
Prep Date: 6/26/2018	Analysis D	Date: 6/	27/2018	S	SeqNo: 1	713084	Units: mg/k	٨g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.1		10.00		91.1	70	130			

Qualifiers:

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

1806E49

05-Jul-18

WO#:

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Client:Souder, 1Project:Anne Co	Miller & Associates om 202H			
Sample ID MB-38874	SampType: MBLK	TestCode: FPA Mathod	8015D: Gasoline Range	
Client ID: PBS	Batch ID: 38874	RunNo: 52243	ourop. Casonine Kange	
Prep Date: 6/25/2018	Analysis Date: 6/26/2018	SeqNo: 1712080	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Gasoline Range Organics (GRO) Surr: BFB	ND 5.0 870 1000	86.8 15	316	
Sample ID LCS-38874	SampType: LCS	TestCode: EPA Method	8015D: Gasoline Range)
Client ID: LCSS	Batch ID: 38874	RunNo: 52243		
Prep Date: 6/25/2018	Analysis Date: 6/26/2018	SeqNo: 1712081	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Gasoline Range Organics (GRO)	28 5.0 25.00	0 111 75.9	131	
Surr: BFB	1000 1000	104 15	316	
Sample ID 1806E49-010AMS	S SampType: MS	TestCode: EPA Method	8015D: Gasoline Range)
Client ID: L6-4	Batch ID: 38874	RunNo: 52243		
Prep Date: 6/25/2018	Analysis Date: 6/26/2018	SeqNo: 1712083	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Gasoline Range Organics (GRO) Surr: BFB	28 4.7 23.36 900 934.6	0 121 77.8 96.3 15	128 316	
Sample ID 1806E49-010AMS	SD SampType: MSD	TestCode: EPA Method	8015D: Gasoline Range	9
Client ID: L6-4	Batch ID: 38874	RunNo: 52243		
Prep Date: 6/25/2018	Analysis Date: 6/26/2018	SeqNo: 1712084	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Gasoline Range Organics (GRO)	27 4.8 24.18	0 111 77.8	128 4.88	20
Surr: BFB	920 967.1	95.1 15	316 0	0
Sample ID MB-38869	SampType: MBLK	TestCode: EPA Method	8015D: Gasoline Range)
Client ID: PBS	Batch ID: 38869	RunNo: 52243		
Prep Date: 6/25/2018	Analysis Date: 6/26/2018	SeqNo: 1712088	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	850 1000	85.4 15	316	
Sample ID LCS-38869	SampType: LCS	TestCode: EPA Method	8015D: Gasoline Range)
Client ID: LCSS	Batch ID: 38869	RunNo: 52243		
Prep Date: 6/25/2018	Analysis Date: 6/26/2018	SeqNo: 1712089	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual

Qualifiers:

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

1806E49

05-Jul-18

WO#:

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	der, Miller & A le Com 202H	ssociate	es								
Sample ID LCS-38869	Samp	Гуре: LC	S	Tes	tCode: El	PA Method	8015D: Gaso	oline Rang	e		
Client ID: LCSS	Batc	h ID: 38	869	RunNo: 52243							
Prep Date: 6/25/2018	Analysis [Date: 6/	26/2018	S	SeqNo: 1	712089	Units: mg/k	٨g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GR	0) 23	5.0	25.00	0	92.6	75.9	131				
Surr: BFB	980		1000		98.4	15	316				

Qualifiers:

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

1806E49

05-Jul-18

WO#:

Client: Souder,	Miller & A	ssociate	es									
Project: Anne Co	om 202H											
Sample ID MB-38874		Type: ME					8021B: Volat	tiles				
Client ID: PBS		h ID: 38			RunNo: 5							
Prep Date: 6/25/2018	Analysis E	Date: 6/	26/2018	5	SeqNo: 1	712109	Units: mg/k	(g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Methyl tert-butyl ether (MTBE)	ND	0.10										
Benzene	ND	0.025										
Toluene	ND	0.050										
Ethylbenzene	ND	0.050										
Xylenes, Total	ND	0.10										
Surr: 4-Bromofluorobenzene	1.0		1.000		100	80	120					
Sample ID LCS-38874	SampT	Гуре: LC	S	Tes	tCode: El	PA Method	8021B: Vola	tiles				
Client ID: LCSS	Batcl	h ID: 38	874	F	RunNo: 5 2	2243						
Prep Date: 6/25/2018	Analysis D	Date: 6/	26/2018	S	SeqNo: 1	712110	Units: mg/k	٢g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Methyl tert-butyl ether (MTBE)	0.88	0.10	1.000	0	87.9	70.1	121					
Benzene	0.95	0.025	1.000	0	95.4	77.3	128					
Toluene	0.96	0.050	1.000	0	96.1	79.2	125					
Ethylbenzene	0.95	0.050	1.000	0	95.2	80.7	127					
Xylenes, Total	2.9	0.10	3.000	0	96.8	81.6	129					
Surr: 4-Bromofluorobenzene	1.0		1.000		104	80	120					
Sample ID MB-38869	SampT	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Vola	tiles				
Client ID: PBS	Batcl	h ID: 38	869	F	RunNo: 5	2243						
Prep Date: 6/25/2018	Analysis D	Date: 6/	26/2018	S	SeqNo: 1	712122	Units: mg/k	٢g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Methyl tert-butyl ether (MTBE)	ND	0.10										
Benzene	ND	0.025										
Toluene	ND	0.050										
Ethylbenzene	ND	0.050										
Xylenes, Total	ND	0.10										
Surr: 4-Bromofluorobenzene	1.1		1.000		108	80	120					
Sample ID LCS-38869	SampT	Гуре: LC	S	Tes	tCode: El	PA Method	8021B: Vola	tiles				
Client ID: LCSS	Batcl	h ID: 38	869	F	RunNo: 5	2243						
Prep Date: 6/25/2018	Analysis D	Date: 6/	26/2018	S	SeqNo: 1	712123	Units: mg/k	(g				
Analyte	Result	PQL		SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Methyl tert-butyl ether (MTBE)	0.95	0.10	1.000	0	94.9	70.1	121					
Benzene	0.96	0.025	1.000	0	96.2	77.3	128					
Toluene	0.98	0.050	1.000	0	98.3	79.2	125					
Ethylbenzene	0.96	0.050	1.000	0	96.4	80.7	127					
, · · ·				-								

Qualifiers:

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

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Client: Project:	Souder, Mill Anne Com 2		ciate	S							
Sample ID LCS-3	8869	SampType	: LC	S	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: LCSS		Batch ID	: 388	369	R	unNo: 52	2243				
Prep Date: 6/25/	2 018 An	alysis Date	: 6/2	26/2018	S	eqNo: 17	712123	Units: mg/K	(g		
Analyte	R	esult F	QL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Xylenes, Total		3.0	0.10	3.000	0	98.7	81.6	129			
Surr: 4-Bromofluorob	enzene	1.0		1.000		105	80	120			

Qualifiers:

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

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HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environme TEL: 505-345-3 Website: www	490 Albuquero 975 FAX:	01 Hawki pue, NM o 505-345	ns NE 87109 -4107	Sar	nple Log-In Check Lis
Client Name: SMA-CARLSBAD	Work Order Num	ber: 180	6E49			RcptNo: 1
Received By: Andy Freeman	6/23/2018 10:40:00	АМ		and		-
Completed By: Isaiah Ortiz	6/25/2018 7:59:31	AM		IC	21	-
Reviewed By: ENM	6125/18					
MW 6/25/18	010010					
Chain of Custody						
1. Is Chain of Custody complete?		Yes		No		Not Present
2. How was the sample delivered?		Cou				
		000	lici			
Log In						
Was an attempt made to cool the samples?		Yes	V	No		
			-			2004 —
Were all samples received at a temperature	of >0° C to 6.0°C	Yes		No		
5. Sample(s) in proper container(s)?		Yes	~	No		
Sufficient sample volume for indicated test(s)?	Yes	~	No		
7. Are samples (except VOA and ONG) propert	y preserved?	Yes	•	No	1.5	
8. Was preservative added to bottles?		Yes		No	\checkmark	NA 🗌
						N. MOLVEL I
9. VOA vials have zero headspace?	~	Yes		No		No VOA Vials 🗹
0, Were any sample containers received broke	n?	Yes		NO	•	# of preserved 1, 8
1. Does paperwork match bottle labels?		Yes	~	No	Π	for pH:
(Note discrepancies on chain of custody)		100	023	140	band	1 2 of >12 unless note
2. Are matrices correctly identified on Chain of	Custody?	Yes	\checkmark	No		Adjuster
3, Is it clear what analyses were requested?		Yes		No		VILUE
4. Were all holding times able to be met?		Yes	\checkmark	No		Checked by:
(If no, notify customer for authorization.)						
pecial Handling (if applicable)						
5. Was client notified of all discrepancies with t	his order?	Yes		No		NA 🗹
Person Notified:	Date:	<u> </u>			-	
By Whom:	Via:	 ∏ eMa	ail 🗆 F	hone	Fax	In Person
Regarding:						
Client Instructions:					-	
6. Additional remarks:						
7. Cooler Information		0	and the second second			1
Cooler No Temp C Condition Se	al Intact Seal No	Seal D	ate	Signed I	Ву	

Citain-or-custoay record	Turn-Around Time:				2		L	10.000	0	The second s	ece
	C Standard	Sdy			I	ANAL	N N	N I S	RO RO	ZC	HALL ENVIRONMENTAL ANALYSTS LABODATOD
Proje	Project Name:				(>	d www.	www.hallenvironmental.com	- unu		2	
	Mune Co.	~ 2024	-	4901 Hawkins NF	awkin	LIN S	Albu-		NIN OI	Alburation NM 87100	
Project #:	ot #:		1	Tel. 5(Tel. 505-345-3975	-3975		x 505	505-345-4107	1107	
							Anal	is Red	quest		
Projec	Project Manager:		-	_		_		(*		_	_
I noted a VE-ult Violed and and	Audin hu	least				(SV					
, ame o	101 101										
On Ice:	e: XYes	No	_	_						()	
Samp	Temperature: 3	708	_	_			SIE	2	(0/	
Sample Request ID Con	ative	HEAL No.	9TM + X3T8	91M + X3T8 98168 H9	PH (Method	DB (Wethood 0158) a'HA	CKA 8 Met	DF) enoin. 081 Pesticio	(AOV) 809S	/-im92) 072	
1	07	100		0	_	_	4		8	8	
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	Madel	6/23/13 1040									

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Receiv	ed.	by O	CD:	12/	7/20	22 1	11:0.	3:15	AM	N 1	0 7) səlqqng .	iΑ	1	I.		1	E.	1	1.1				Pag	e 71
HALL ENVIRONMENTAL	. >	in the second se	27100		rax 200-345-410/ Analysis Request		s,s (OS)	PCE PO44 IMS	РН (1 D 1,20 S 1,50 S 1,50 S 280 282 282	+ T 30 18. 18. 18. 18. 18. 18. 18. 18. 18. 18.	(Ct q q q 2 (Ct q 2 (Ct	TTM + X3T MTM + X3T B8108 HG 04190 HG 0198 (Metho 82108 (8310 0198 (8310 0198 (8310 0198 (8310 0198 (900 0199 (VOA AOV) 8035 AOV) 8035 AOV) 8035	81 82 82 82 82 82 82 82 82 82 82 82 82 82	+	×			×				Remarks:			
	Deter Oder		Can 2024				1 / w	rey &		°N []	3,8°C	HEAL No.	180644 8	-013	-013	P10-	-015	-010				Date r Time Re	6/22/18 0900	Date Time	6/23/18 1040
lime		Project Name:	Ame	Project #:		Project Manager:	1 1 1	Austr 1	Sampler: LLM	On Ice: BY Yes	Sample Temperature:	Container Preservative Type and # Type	201	-			0	A	,			Bueerivy by	-10K)	Received by:	(Inder
Unain-or-Custody Record	t .	In black of						Level 4 (Full Validation)				Sample Request ID	136-P	Sw 1	Su 2	56 3	SV H	SWS					In	ph.	WV (2120
ain-ot-Cu	せん		dress:			1x#:	cage:	7/51	1	Dther	(Type)	Time Matrix	Ung dil	1 10:	120	04.1	2:00	205 1	>			a: Relinquished	2	8: Relinquished by	10 × 11
Client:		1.1	Mailing Address:	N9.	Phone #:	email or Fax#:	. OA/OC Package:				C EDD (Ty	Date	(2HB 1)		1	1	2:	1/a	D				(Par 190)	Date: Time:	1 8/22/1



July 25, 2018

Austin Weyant Souder, Miller & Associates 201 S Halagueno Carlsbad, NM 88221 TEL: (575) 689-7040 FAX Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

OrderNo.: 1807706

RE: Anne Com 202H

Dear Austin Weyant:

Hall Environmental Analysis Laboratory received 9 sample(s) on 7/13/2018 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 <u>www.hallenvironmental.com</u> or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109
Page 1 of 3

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Hall Environ	nmental Analysis Lab	ooratory,	Inc.			Analytical Report Lab Order: 1807706 Date Reported: 7/2	i
	Souder, Miller & Associates Anne Com 202H				L	Lab Order: 1807	706
Lab ID:	1807706-001		С	ollecti	on Date	e: 7/11/2018 11:18:00	AM
Client Sample ID:	SW8-2				Matrix	: SOIL	
Analyses		Result	PQL	Qual	Units	DF Date Analyzed	Batch ID
EPA METHOD 30	0.0: ANIONS					An	alyst: JRR
Chloride		ND	30		mg/Kg	20 7/24/2018 2:09:46	AM 39266
Lab ID:	1807706-002		С	ollecti	on Date	e: 7/11/2018 11:56:00	AM
Client Sample ID:	L4-3				Matrix	: SOIL	
Analyses		Result	PQL	Qual	Units	DF Date Analyzed	Batch ID
EPA METHOD 30	0.0: ANIONS					An	alyst: CJS
Chloride		ND	30		mg/Kg	20 7/18/2018 10:47:0	2 AM 39266
Lab ID:	1807706-003		С	ollecti	on Date	e: 7/11/2018 11:58:00	AM
Client Sample ID:	L4-4				Matrix	: SOIL	
Analyses		Result	PQL	Qual	Units	DF Date Analyzed	Batch ID
EPA METHOD 30	0.0: ANIONS					An	alyst: CJS
Chloride		380	30		mg/Kg	20 7/18/2018 10:59:2	7 AM 39266
Lab ID:	1807706-004		С	ollecti	on Date	e: 7/11/2018 12:28:00	PM
Client Sample ID:	L4-9				Matrix	: SOIL	
Analyses		Result	PQL	Qual	Units	DF Date Analyzed	Batch ID
EPA METHOD 30	0.0: ANIONS					An	alyst: CJS
Chloride		170	30		mg/Kg	20 7/18/2018 11:11:5	51 AM 39266
Lab ID:	1807706-005		С	ollecti	on Date	:: 7/11/2018 12:47:00	PM
Client Sample ID:	L4-13				Matrix	: SOIL	
Analyses		Result	PQL	Qual	Units	DF Date Analyzed	Batch ID
EPA METHOD 30	0.0: ANIONS					An	alyst: CJS
Chloride		160	30		mg/Kg	20 7/18/2018 11:49:0	-

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method H	Blank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range	
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	Pag
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range	1 45
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit	

Released to Imaging: 3/7/2023 9:14:02 AM

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Hall Environ	mental Analysis Lat	ooratory,]	lnc.			L	Analytical Report Lab Order: 180770 Date Reported: 7/2	5
	ouder, Miller & Associates Anne Com 202H				L	ab C)rder: 1807	706
Lab ID:	1807706-006		C	ollecti	on Date	: 7/1	1/2018 2:45:00 H	PM
Client Sample ID:	SW9-1				Matrix	: SC	DIL	
Analyses		Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300 Chloride	0.0: ANIONS	1600	75		mg/Kg	50		nalyst: SRM 9 PM 39266
Lab ID:	1807706-007		0	ollecti	on Date	: 7/1	1/2018 2:01:00 H	PM
Client Sample ID:	SW5-1				Matrix			
Analyses		Result	PQL	Qual			Date Analyzed	Batch ID
EPA METHOD 300	0.0: ANIONS						Ar	nalyst: CJS
Chloride		47	30		mg/Kg	20		-
Lab ID:	1807706-008		C	ollecti	on Date	: 7/1	1/2018 1:24:00 H	РМ
Client Sample ID:	SW6-1				Matrix	: SC	DIL	
Analyses		Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300 Chloride	0.0: ANIONS	200	30		mg/Kg	20	Ar 7/18/2018 12:51:(nalyst: CJS 06 PM 39266
Lab ID:	1807706-009		C	ollecti	on Date	: 7/1	1/2018 3:05:00 H	РМ
Client Sample ID:	SW7-2 West				Matrix	: SC	DIL	
Analyses		Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300 Chloride	0.0: ANIONS	ND	30		mg/Kg	20		nalyst: CJS 1 PM 39266

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method E	Blank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range	
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	Pag
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range	1 45
	PQL	Practical Quanitative Limit	RL	Reporting Detection Limit	

Released to Imaging: 3/7/2023 9:14:02 AM

Client: Project:		ler, Miller & As e Com 202H	ssociate	es							
Sample ID	MB-39266	SampT	ype: ml	olk	Tes	tCode: El	PA Method	300.0: Anion	s		
Client ID:	PBS	Batch	ID: 39	266	F	RunNo: 5 2	2830				
Prep Date:	7/18/2018	Analysis D	ate: 7/	18/2018	S	SeqNo: 1	735435	Units: mg/k	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID	LCS-39266	SampT	ype: Ics	6	Tes	tCode: El	PA Method	300.0: Anion	s		
Client ID:	LCSS	Batch	ID: 39	266	F	RunNo: 52	2830				
Prep Date:	7/18/2018	Analysis D	ate: 7/	18/2018	S	SeqNo: 1	735436	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	95.9	90	110			

Qualifiers:

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

1807706

25-Jul-18

WO#:

Page 3 of 3

		Albuquerque, NM 8 975 FAX: 505-345- hallenvironmental	4107	nple Log-In C	heck List
Client Name: SMA-CARLSBAD	Work Order Numb	er: 1807706		RcptNo:	1
Received By: Isaiah Ortiz	7/13/2018 8:50:00 A	M	Iar	-	
Completed By: Isaiah Ortiz	7/13/2018 10:19:59	AM	IG	-	
Reviewed By: ENM LB: <u>TO</u> 7/13/18 Chain of Currently	7/13/18		ι.		
<u>Chain of Custody</u> 1. Is Chain of Custody complete?		Yes 🔽	No 🗌	Not Present	
 How was the sample delivered? 					
		obunci			
Log In 3. Was an attempt made to cool the samples?	?	Yes 🖌	No 🗌	NA 🗌	
4. Were all samples received at a temperature	e of ≥0° C to 6.0°C	Yes 🗹	No 🗌		
5. Sample(s) in proper container(s)?		Yes 🔽	No 🗌		
6. Sufficient sample volume for indicated test(s)?	Yes 🗹	No 🗌		
7. Are samples (except VOA and ONG) proper	ly preserved?	Yes 🖌	No 🗌		
8. Was preservative added to bottles?		Yes 🗌	No 🗹	NA 🗌	
9. VOA vials have zero headspace?		Yes	No 🗌	No VOA Vials 🗹	
10. Were any sample containers received broke	en?	Yes	No 🗹	# of preserved	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes 🗹	No 🗆	bottles checked	TO >12 unless noted)
12. Are matrices correctly identified on Chain of	Custody?	Yes 🗹	No 🗌	Adjusted?	
13. Is it clear what analyses were requested?		Yes 🗹	No 🚺	7	13/18
14. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes 🗹	No 📙 🏻	Checked by:	
Special Handling (if applicable)					
15. Was client notified of all discrepancies with	this order?	Yes	No 🗌	NA 🗹	
Person Notified:	Date:	 _ · · · _ ·			
By Whom:	Via:	eMail 🗌 P	hone 🗌 Fax	In Person	
Regarding:		******			
Client Instructions:					
16. Additional remarks:					
17. <u>Cooler Information</u>					
	eal Intact Seal No	Seal Date	Signed By		
1 1.3 Good Ye	8				

Page 1 of 1

Received by OCD:	12/7/2022 11:03:15 AM	
	Air Bubbles (Y or N)	
ר הי גר		
ΔQ		
Z L		

Chain-of-Custody Record	Turn-Around Time:		
Client SMA Corlsbad, NM	Standard Kush South		Ŝ
	Project Name:	www.hallenvironmental.com	
Mailing Address:	ANNE COM # 2024	4901 Hawkins NE - Albuquerque, NM 87109	
		Tel. 505-345-3975 Fax 505-345-4107	
Phone #:	SE2S774	Anal	
email or Fax#:	Project Manager:	(O) (()	
QA/QC Package:	•	(S) / WB	
Standard Level 4 (Full Validation)	HUSTIN LEDEYANI	(05) (07)	
Accreditation	Sampler: Dever Dist	/ 8083 3270 5 8270 5 1) 4.1) 5 7 2 8 2 7 0 7 0 7 10 10 2 10 2 10 2 10 2 10 2	
(pe)	- T	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	
Matrix Sample Request ID	Container Preservative HEAL No. Type and # Type	atm + Xata atm + Xata atm + Xata atm + Xata atm + Xata atm atm atm atm atm atm atm atm atm	
74118 11:25 45 541 8°	glass ling Tailor		
1/11/12 11/18m Soil Suid - 21	Slaw 42 Teed -001		
7/11/18 11:56 / 24 -3	0 / / / -002		
(11 58 m/ Ly . 4'	-003		
1 12 23 An 24 91	- aut		
) 12:47 Jun 14 13	7 6 -005		
1 2:45 An 1 Ser 9 - 1'	$\left \right\rangle \left \right\rangle - \alpha \delta$		
2:01 Ph Swig 1'			
< 1:24 50 50 6 -1'	$\left \right\rangle \left \right\rangle - \cos \left \right\rangle$		
1 3:05pr 1 5w7 - 2' west			
Date: Time: Relinquished by:	Receivedby: Date Time	Remarks:	
Date: Time: Balinariidead bu:	XIV - 11/2/18 140		
6			
If necessary, samples submitted to Hall Environmental may be sub	ocontracted to other accredited laboratories. This serves as notice of this	If 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.	 <u>'</u>

1



August 31, 2018

Austin Weyant Souder, Miller & Associates 201 S Halagueno Carlsbad, NM 88221 TEL: (575) 689-7040 FAX Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

RE: Anne Com

OrderNo.: 1808D82

Dear Austin Weyant:

Hall Environmental Analysis Laboratory received 4 sample(s) on 8/22/2018 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 <u>www.hallenvironmental.com</u> or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis	s Laboratory, I	nc.			Analytical Repo Lab Order 1808D8 Date Reported: 8/3	2	
CLIENT: Souder, Miller & Associates			Sample I				
Project: Anne Com	Collection Date: 8/16/2018 11:00:00 AM						
Lab ID: 1808D82-001	Matrix: SOIL	Re	ceived Dat	e: 8/2	22/2018 9:05:00 A	М	
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch	
EPA METHOD 418.1: TPH					An	alyst: CLP	
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	8/30/2018	40056	

Qualifiers:	;
Quanners.	

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 1 of 7
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis	s Laboratory. 1	ne.			Analytical R Lab Order 180	98D82
CLIENT: Souder, Miller & Associates Project: Anne Com Lab ID: 1808D82-002	Matrix: SOIL	Client Coll	20000000000	e: 8/	Date Reported 7-2 16/2018 11:20 22/2018 9:05:0	:00 AM
Analyses	Result	PQL Qu	al Units	DF	Date Analyz	ed Batch
EPA METHOD 418.1: TPH Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	8/30/2018	Analyst: CLP 40056

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 2 of 7
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Project: Anne Com

CLIENT: Souder, Miller & Associates

Analytical Report
Lab Order 1808D82

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 8/31/2018 Client Sample ID: L7-10 Collection Date: 8/16/2018 11:30:00 AM

Lab ID: 1808D82-003	Matrix: SOIL]	Received Date	e: 8/2	22/2018 9:05:00 AM	
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 418.1: TPH					Analyst	: CLP
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	8/30/2018	40056
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	ND	30	mg/Kg	20	8/28/2018 5:07:25 PM	40017
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	8/23/2018 5:44:14 PM	39931
Toluene	ND	0.048	mg/Kg	1	8/23/2018 5:44:14 PM	39931
Ethylbenzene	ND	0.048	mg/Kg	1	8/23/2018 5:44:14 PM	39931
Xylenes, Total	ND	0.096	mg/Kg	1	8/23/2018 5:44:14 PM	39931
Surr: 4-Bromofluorobenzene	114	80-120	%Rec	1	8/23/2018 5:44:14 PM	39931

Qualifiers:	3

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 3 of 7
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis	s Laboratory, l	Inc.			Analytical Report Lab Order 1808D82 Date Reported: 8/31/2	018
CLIENT: Souder, Miller & Associates Project: Anne Com Lab ID: 1808D82-004	Matrix: SOIL	Coll		e: 8/1	79-1 6/2018 12:10:00 PM 2/2018 9:05:00 AM	[
Analyses	Result	PQL Qu	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS Chloride	ND	30	mg/Kg	20	Analy 8/28/2018 6:09:27 PM	st: MRA 1 40037

Qualifiers:	;

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 4 of 7
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: Project:	Souder Anne C	, Miller & Associates Com							
Sample ID	MB-40017	SampType: mblk	TestCode: EPA Method	l 300.0: Anions					
Client ID:	PBS	Batch ID: 40017	RunNo: 53754						
Prep Date:	8/28/2018	Analysis Date: 8/28/2018	SeqNo: 1774320	Units: mg/Kg					
Analyte Chloride		Result PQL SPK value ND 1.5	e SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual				
Sample ID	LCS-40017	CS-40017 SampType: Ics TestCode: EPA Method 300.0: Anions							
Client ID:	LCSS	Batch ID: 40017	RunNo: 53754						
Prep Date:	8/28/2018	Analysis Date: 8/28/2018	SeqNo: 1774322	Units: mg/Kg					
Analyte		Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual				
Chloride		14 1.5 15.00	0 96.3 90	110					
Sample ID	MB-40037	SampType: mblk	TestCode: EPA Method	l 300.0: Anions					
Client ID:	PBS	Batch ID: 40037	RunNo: 53754						
Prep Date:	8/28/2018	Analysis Date: 8/28/2018	SeqNo: 1774371	Units: mg/Kg					
Analyte		Result PQL SPK value	e SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual				
Chloride		ND 1.5							
Sample ID	LCS-40037	SampType: Ics	TestCode: EPA Method	1 300.0: Anions					
Client ID:	LCSS	Batch ID: 40037	RunNo: 53754						
Prep Date:	8/28/2018	Analysis Date: 8/28/2018	SeqNo: 1774372	Units: mg/Kg					
Analyte		Result PQL SPK value	e SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual				
Chloride		14 1.5 15.00	0 95.5 90	110					

Qualifiers:

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

1808D82

31-Aug-18

WO#:

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: Project:	Souder, M Anne Com		ssociate	es							
Sample ID MB	3-40056	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	418.1: TPH			
Client ID: PB	S	Batch	n ID: 40	056	F	RunNo: 5	3834				
Prep Date: 8/	/29/2018	Analysis D	ate: 8/	30/2018	5	SeqNo: 1	776276	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocar	rbons, TR	ND	20								
Sample ID LC	S-40056	SampType: LCS TestCode: EPA Method 418.1: TPH									
Client ID: LC	SS	Batch	n ID: 40	056	F	RunNo: 5	3834				
Prep Date: 8/	/29/2018	Analysis D	ate: 8/	30/2018	S	SeqNo: 1	776277	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocar	rbons, TR	94	20	100.0	0	93.6	84.7	129			
Sample ID LC	SD-40056	SampT	ype: LC	SD	Tes	tCode: El	PA Method	418.1: TPH			
Client ID: LC	SS02	Batch	n ID: 40	056	F	RunNo: 5	3834				
Prep Date: 8/	/29/2018	Analysis D	ate: 8/	/30/2018	5	SeqNo: 1	776278	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocar	rbons, TR	95	20	100.0	0	94.9	84.7	129	1.46	20	

Qualifiers:

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

1808D82

31-Aug-18

WO#:

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: Souder Project: Anne C	r, Miller & A Com	ssociate	es							
Sample ID MB-39931	MB-39931 SampType: MBLK TestCode: EPA Method 8021B: Volatiles									
Client ID: PBS	Batcl	Batch ID: 39931 RunNo: 53673								
Prep Date: 8/22/2018	Analysis E	Date: 8/	23/2018	S	SeqNo: 1	770004	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		106	80	120			
Sample ID LCS-39931	SampT	Type: LC	s	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: LCSS	Batcl	h ID: 39	931	F	lunNo: 5	3673				
Prep Date: 8/22/2018	Analysis E	Date: 8/	23/2018	5	SeqNo: 1	770005	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	1.000	0	105	77.3	128			
Toluene	1.1	0.050	1.000	0	108	79.2	125			
Ethylbenzene	1.1	0.050	1.000	0	108	80.7	127			
Xylenes, Total	3.3	0.10	3.000	0	109	81.6	129			
Surr: 4-Bromofluorobenzene	1.1		1.000		110	80	120			

Qualifiers:

- Value exceeds Maximum Contaminant Level. *
- Sample Diluted Due to Matrix D
- Н 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
- В Analyte detected in the associated Method Blank
- Е
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- W Sample container temperature is out of limit as specified

1808D82

31-Aug-18

WO#:

- Value above quantitation range
 - Page 7 of 7

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HALL ENVIRONMENTAL ANALYSIS LABORATORY	TEL: 505-345-397.	4901 Hawkins puquerque, NM 87	NE 109 Sam 107	iple Log-In C		ge 86
Client Name: SMA-CARLSBAD	Work Order Numbe	r: 1808D82		RcptNo	: 1	-
Received By: Jazzmine Burkhead	8/22/2018 9:05:00 AN	ſ	fyrr Buethal			
Completed By: Ashley Gallegos Reviewed By: ENM	8/22/2018 2:16:10 PM B/ZZ/18 (abelec	y by	·	8 22 18	
<u>Chain of Custody</u>						
1. Is Chain of Custody complete?		Yes 🗹	No 🗌	Not Present		
2. How was the sample delivered?		<u>Courier</u>				
Log In 3. Was an attempt made to cool the samples?		Yes 🗹	No 🗌	NA 🗆		
 Were all samples received at a temperature of 	>0° C to 6.0°C	Yes 🗹	No 🗌	NA 🗆		
5. Sample(s) in proper container(s)?		Yes 🗹	No 🗌			
5. 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. VOA vials have zero headspace?		Yes 🗌	No 🗆	No VOA Vials 🗹		
0. Were any sample containers received broken'	?	Yes 🗌	No 🗹 🗸	# of preserved		
1. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes 🗸	No 🗆	bottles checked for pH:	212 unless noted)	
2. Are matrices correctly identified on Chain of Co	ustody?	Yes 🗹	No 🗆	Adjusted?		
3. Is it clear what analyses were requested?		Yes 🗹	No 🗌	Siccles		
 Were all holding times able to be met? (If no, notify customer for authorization.) 		Yes 🔽	No 📙	Checked by:		
pecial Handling (if applicable)						
5. Was client notified of all discrepancies with the	s order?	Yes 🗌	No 🗌	NA 🗹	7	
Person Notified: By Whom: Regarding: Client Instructions:	Date Via: [eMail DPh	one 🗌 Fax	☐ In Person		
6. Additional remarks: 7. <u>Cooler Information</u> <u>Cooler No Temp °C Condition Sea</u> 1 4.7 Good Yes	Intact Seal No	Seal Date S	Signed By		-	

Received by OCD. 12///202	Air Bubbles (Y or N)				1 uge-07-09 00
					ical report.
HALL ENVIRONMENTAL ANALYSIS LABORATOR www.hallenvironmental.com kins NE - Albuquerque, NM 87109 345-3975 Fax 505-345-4107 Analysis Request	(AOV-im92) 0728				the analyt
Lal.c I.a. N ie, N 345 Ues	(AOV) 80828	;]
S L S S L 505 Red	8081 Pesticides / 8082 PCB's				y nota
SI SI SI SI Suqu Vsis	Anions (FCINO ₃ ,NO ₂ ,PO ₄ ,SO ₄)	,	Xx		clear
HALL ENVIRON HALL ENVIRON NALYSIS LABO www.hallenvironmental.com www.hallenvironmental.com ms NE - Albuquerque, NM (5-3975) Fax 505-345-41 Analysis Request	RCRA 8 Metals				
W.ha W.ha NE 1975	(SMIS 078 or 8270 SIMS) a'HA9				 d data
HA WW kins 345-3	ED8 (Method 504.1)				d d
ANAL ANAL www.ha 4901 Hawkins NE Tel. 505-345-3975	TPH (Method 418.1)				in the
901 T					 Any s
	BTEX + MTBE + TPH (Gas only)				Remarks:
	BTEX + MTBE + TMB's (8021)	<u> </u>			 of this possib
	No.	22	-003		Time Time s notice
S 20°	HEAL NO. 13.051	1 T	N Z		Date Date OS(22) Date This serves a
Rush					 Dries.
	ger:				by: by: by: Durbly other accredited laboratories
nd Time: rd С МИР		<u> </u>			
Turn-Around T Matandard Project Name: Project #:	Project Manager: Sampler: On loe: UVYes Sample Temperature: Container Preserv Type and # Type	402		5	
		- 2	0-1-		lished by: Received Recycled By: Recycled Recycled Subnitted to Hall Environmental may be subcontracted by
Chain-of-Custody Record た Sハル の Address: e #:		17-	1-2-1		d by: d by: itted to Hall Environ
	Matrix	50,1			Relinqu
Chain Client: Client: Address: Bhone #:	Construction Construction Construction Construction C	8 11:00	11:30 12:10		Time: 1232 Time: If Accessary,
Released to Imaging: 3/7/202	Date Tim	1 1			2118

Received by OCD: 12/7/2022 11:03:15 AM

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District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

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

CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	164837
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	3/7/2023

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Action 164837