Received by OCD: 4/11/2022 10:54:27 AM

1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 <u>District IV</u> 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

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Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

Closure Report Attachment Checklist: Each of the following items 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: Robert Dunaway	Title: Senior Environmental Engineer
Signature: K. Wurning	Date: 4/11/2022
email: <u>rhdunaway@eprod.com</u>	Telephone: <u>575-628-6802</u>

Form: Cal by OCD: 4/11/2022	10:54:27 State of New Mexico
Page 2	Oil Conservation Division

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Application ID	

OCD Only	
Received by:	Date:
Closure approval by the OCD does not relieve the responsible party of liabilit remediate contamination that poses a threat to groundwater, surface water, hu party of compliance with any other federal, state, or local laws and/or regula	uman health, or the environment nor does not relieve the responsible
Closure Approved by:	Date: -05/17/2022
Printed Name: Jennitěr Nobul	Title: — Environmental Specialist A



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

April 11, 2022

#5E29921-BG19,BG21

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

SUBJECT: Remediation Closure Report for the Poker Lake Discharge Release (nAPP2130138079) and the Chesapeake PLU Pierce Canyon 16-24-30 Release (nAPP2133323491), Eddy County, New Mexico

1.0 Executive Summary

On behalf of Enterprise Field Services LLC (Enterprise), Souder, Miller & Associates (SMA) has prepared this Remediation Closure Report that describes the remediation of a natural gas and condensate releases related to oil and gas production activities at the Poker Lake Discharge Release (nAPP2130138079) and the Chesapeake PLU Pierce Canyon 16-24-30 Release (nAPP2133323491). The release sites are located in Unit B, Section 30, Township 24S, Range 30E, Eddy County, New Mexico, on Federal land. Figure 1 illustrates the vicinity and site location on a United States Geological Survey (USGS) 7.5 minute quadrangle map.

This report demonstrates that the release area has been remediated to meet the standards of Table I of 19.15.29.12 New Mexico Administrative Code (NMAC). In addition to meeting the Closure Criteria, the top four feet of impacted areas meet the reclamation requirement of Paragraph (1) of Subsection (D) of 19.15.29.13. The information provided in this report is intended to fulfill final New Mexico Oil Conservation Division (NMOCD) closure requirements.

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

SMA recommends no further action and requests that the releases associated with the Poker Lake Discharge Release (nAPP2130138079) and the Chesapeake PLU Pierce Canyon 16-24-30 Release (nAPP2133323491) be closed.

	Table 1: Release Information	on and Closure	Criteria			
Name	Poker Lake Discharge Chesapeake PLU Pierce Canyon 16- 24-30	Enterprise Field Services LLC				
API Number	N/A	Location	32.195055 -103.917213 32.194965 -103.917368			
Tracking Number	nAPP2130138079, nAPP2133323491					
Estimated Date of Release	October 27, 2021 November 26, 2021	Reported to				
Land Owner	Federal	Reported To	NMOCD District II			
Source of Release	Leak on a gathering pipeline					

Table 1 summarizes release information and Closure Criteria.

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Poker Lake Discharge/Chesapeake PLU Pierce Canyon 16-24-30 Closure Report April 11, 2022

Released Volume	294 Mcf, 1.0 bbl 286 Mcf, 1.0 bbl	Released Material	Natural Gas, Condensate		
Recovered	0 Mcf, 0 bbl	Net Release	294 Mcf, 1.0 bbl		
Volume NMOCD Closure	0 Mcf, 0 bbl		286 Mcf, 1.0 bbl		
Criteria	>100 feet				
SMA Response Dates	December 6, 2021 and December 16, 2021				

2.0 Background

On October 27, 2021, a natural gas and condensate release was discovered at the Poker Lake Discharge site. Initial response activities were conducted by Enterprise, and included source elimination and site security, containment, and site stabilization activities. On November 26, 2021, a second release, the Chesapeake PLU Pierce Canyon 16-24-30, was discovered in the same excavated trench as the Poker Lake Discharge site. Initial response activities were conducted by Enterprise, and included source elimination and site security, containment, and site stabilization activities. Figure 1 illustrates the vicinity and site location; Figure 2 illustrates the release location. The initial C-141 forms are included in Appendix A.

3.0 Site Information and Closure Criteria

The Poker Lake Discharge and Chesapeake PLU Pierce Canyon 16-24-30 site is located approximately 24 miles southeast of Carlsbad, New Mexico on Federal (BLM) land at an elevation of approximately 3,170 feet above mean sea level (amsl).

Depth to Groundwater

Documented water well data (Appendix B), demonstrates a depth to groundwater in the area of greater than 100 feet below grade surface (bgs).

Wellhead Protection Area

There are two known water sources within ½-mile of the location, according to the Office of the State Engineer (OSE) New Mexico Water Rights Reporting System (NMWRRS) and USGS National Water Information System. Registered wells in the vicinity are shown on Figure 1.

Distance to Nearest Significant Watercourse

The nearest significant watercourse is an unnamed tributary to Pierce Canyon, located approximately 1,450 feet to the south.

Table 2 demonstrates the Closure Criteria applicable to this location. Figures 1 and 2 illustrate the 200 and 300-foot radii which indicate that the site does not lie within a sensitive area as described in Paragraph (4) of Subsection (C) of 19.15.29.12 NMAC.

Based on the information presented herein, the applicable NMOCD Closure Criteria for this site is for a groundwater depth of greater than 100 feet bgs in addition to the requirements of reclamation for the upper four feet of impacted soil.

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Poker Lake Discharge/Chesapeake PLU Pierce Canyon 16-24-30 Closure Report April 11, 2022

4.0 Release Characterization and Remediation Activities

On December 6, 2021, following pipeline repair and excavation activities, SMA personnel performed closure confirmation sampling. The remediation excavation measured approximately 130 feet by 11 feet with a maximum depth of 7.5 feet.

Nineteen (19) composite confirmation samples were collected from the excavation as well as thirty-nine (39) samples from the stockpile for laboratory analysis for total chloride using United State Environmental Protection Agency USEPA Method 300.0; benzene, toluene, ethylbenzene and total xylenes (BTEX) using USEPA Method 8021B; and motor, diesel and gasoline range organics (MRO, DRO, and GRO) by USEPA Method 8015D.

Soil samples were field screened for chloride using an electrical conductivity (EC) meter and for hydrocarbon impacts using a calibrated MiniRAE 3000 photoionization detector (PID) equipped with a 10.6 eV lamp. Field Notes are included in Appendix D.

Excavation samples were composed of 5-point composites collected every 200 square feet. Stockpile samples were composed of 5-point composites collected every 200 cubic feet.

Laboratory results indicated that CHBS-03 exceeded the Closure Criteria. On December 16, 2021, following additional excavation of the area of CHBS-03, SMA recollected a base sample (RCHBS-03) at a depth of approximately 13 feet.

Impacted soil was segregated and placed on a liner to transport for disposal.

Excavation extents and closure confirmation sample locations are depicted in Figure 3. A photo log is included in Appendix D. Confirmation laboratory results are summarized in Table 3. Laboratory reports are included in Appendix E.

5.0 Recommendations

As demonstrated in Table 3, all closure confirmation samples meet NMOCD Closure Criteria. The site has been remediated to meet the standards of Table I of 19.15.29.12 NMAC. In addition to meeting the Closure Criteria, the top four (4) feet of impacted areas meet the reclamation requirement of Paragraph (1) of Subsection (D) of 19.15.29.13 NMAC.

Laboratory results, with the exception of CHSP-48 and CHSP-50, indicated that the stockpiled soils are within NMOCD closure standards. Therefore, stockpiled soils were used as backfill material and recontoured to return the site to natural contours. The segregated stockpile for CHSP-48 and CHSP-50 were disposed of at Lea Land LLC, located in Hobbs, New Mexico.

SMA recommends no further action and requests closure of Incident Numbers nAPP2130138079 and nAPP2133323491

6.0 Scope and Limitations

The scope of our services included: assessment sampling; verifying release stabilization; regulatory liaison; remediation guidance; and preparing this 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.

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Poker Lake Discharge/Chesapeake PLU Pierce Canyon 16-24-30 Closure Report April 11, 2022

If there are any questions regarding this report, please contact Ashley Maxwell at 505-320-8975.

Submitted by: SOUDER, MILLER & ASSOCIATES

Reviewed by:

Reid S. Allan, P.G.

Sr. Vice President

L.alle

Ashley Maxwell Project Scientist

REFERENCES:

New Mexico Office of the State Engineer (NMOSE) online water well database https://gis.ose.state.nm.us/gisapps/ose_pod_locations/; accessed 11/4/2021

USGS Water Resources National Water Information System: Web Interface USGS 321205103544701 24S.30E.19.42113 ; accessed 11/4/2021

ATTACHMENTS:

Figures:

Figure 1: Site Map Figure 2: Surface Water Protection Map Figure 3: Site and Sample Location Map

Tables:

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

Appendices:

Appendix A: Form C-141 Appendix B: NMOSE Wells Report Appendix C: Sampling Protocol Appendix D: Field Notes and Photo Log Appendix E: Laboratory Analytical Reports

FIGURES

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TABLES

Engineering • Environmental • Surveying

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Site Information (19.15.29.11.A(2, 3, and 4) NMAC)	Source/Notes			
Depth to Groundwater (feet bgs)	231.02	USGS		
Hortizontal Distance From All Water Sources Within 1/2 Mile (ft)	2,000	New Mexico Office of the State Engineer, USGS		
Hortizontal Distance to Nearest Significant Watercourse (ft)	1,450	United States Geological Survey Topo Map		

Closure Criteria (19.15.2	29.12.B(4) an	d 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		600	100		50	10
51' to 100'		10000	2500	1000	50	10
>100'	Х	20000	2500	1000	50	10
Surface Water		if ye	s, then			
<300' from continuously flowing watercourse or other significant						
watercourse?	No					
<200' from lakebed, sinkhole or playa lake?	No	1				
Water Well or Water Source						
<500 feet from spring or a private, domestic fresh water well used by						
less than 5 households for domestic or stock watering purposes?	No					
<1000' from fresh water well or spring?	No					
Human and Other Areas		600	100	ĺ	50	10
<300' from an occupied permanent residence, school, hospital,		000	100		50	10
institution or church?	No					
within incorporated municipal boundaries or within a defined						
municipal fresh water well field?	No					
<100' from wetland?	No					
within area overlying a subsurface mine	No					
within an unstable area?	No					
within a 100-year floodplain?	No]				

Table 3:
Sample Results

Sample ID	Sample Date	Depth of Sample	Metho	Method 8021B		Method 8015D			Method 300.0
Sample ID	Sample Date	(feet bgs)	BTEX	Benzene	GRO	RO DRO MRO Total TPH		Total TPH	Cl-
		(leet bgs)	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg mg/Kg	
NMOCD	Closure Criteria	(<4 ft)	50	10				100	600
NMOCD	Closure Criteria	(>4 ft)	50	10	1,0	000		2,500	20,000
CHBS-01	12/6/2021	7.5	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHBS-02	12/6/2021	7.5	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	50.1
CHBS-03	12/6/2021	7.5	16.7	<0.0250	257	851	2,370	3,478	1,370
RCHBS-03	12/16/2021	13	17.8	0.335	390	185	215	790	1,370
CHBS-04	12/6/2021	7.5	1.61	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHBS-05	12/6/2021	7.5	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHBS-06	12/6/2021	7.5	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHBS-07	12/6/2021	7.5	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSWE-08	12/6/2021	0-7.5	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSWE-09	12/6/2021	0-7.5	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSWE-10	12/6/2021	0-7.5	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSWE-11	12/6/2021	0-7.5	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSWE-12	12/6/2021	0-7.5	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSWW-13	12/6/2021	0-7.5	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSWW-14	12/6/2021	0-7.5	<0.100	<0.0250	<20.0	<25.0	83.3	83.3	<20.0
CHSWW-15	12/6/2021	0-7.5	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSWW-16	12/6/2021	0-7.5	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSWW-17	12/6/2021	0-7.5	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHNEW-18	12/6/2021	0-7.5	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSEW-19	12/6/2021	0-7.5	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0



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Table 3:
Sample Results

		Depth of							Method
Sample ID	Sample Date			Method 8021B		Method 8015D			300.0
		(feet bgs)	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Cl-
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
NMOCD	Closure Criteria	(<4 ft)	50	10		_		100	600
CHSP-20	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSP-21	12/6/2021	backfill	0.0600	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSP-22	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSP-23	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSP-24	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSP-25	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSP-26	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSP-27	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSP-28	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSP-29	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSP-30	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	79.3	79.3	152
CHSP-31	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	78.4	78.4	76.4
CHSP-32	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSP-33	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	88.9	88.9	63.2
CHSP-34	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	55.6	55.6	51.6
CHSP-35	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSP-36	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSP-37	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSP-38	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSP-39	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSP-40	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSP-41	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSP-42	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSP-43	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSP-44	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSP-45	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSP-46	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSP-47	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	85.0
CHSP-48	12/6/2021	disposed	< 0.100	< 0.0250	<20.0	<25.0	131	131	285
CHSP-49	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	77.3	77.3	122
CHSP-50	12/6/2021	disposed	<0.100	<0.0250	<20.0	<25.0	99.9	99.9	<20.0
CHSP-51	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSP-52	12/6/2021	backfill	<0.100	<0.0250	<20.0	42.6	<50.0	42.6	<20.0
CHSP-53	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSP-54	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSP-55	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSP-56	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSP-57	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CHSP-58	12/6/2021	backfill	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0



APPENDIX A FORM C141

Received by OCD: 4/1/1/2022 105545274AM

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

32.195055

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Page 16:0f 149

Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

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Incident ID	nAPP2130138079
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	Enterprise Field Services LLC	OGRID	241602
Contact Name	Robert Dunaway	Contact Telephone	575-628-6802
Contact email	rhdunaway@eprod.com	Incident # (assigned by	v OCD)
Contact mailing address	PO Box 4324, Houston, TX 77210		

Location of Release Source

Latitude ____

(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Poker Lake Discharge	Site Type Gathering Pipeline	
Date Release Discovered 10/27/2021		API# (if applicable)	

Unit Letter	Section	Township	Range	County
В	30	24S	30E	Eddy

Surface Owner: State Federal Tribal Private (Name:_

Nature and Volume of Release

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls) 1	Volume Recovered (bbls) 0
🛛 Natural Gas	Volume Released (Mcf) 294	Volume Recovered (Mcf) 0
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Found a leak on a gathering pipeline, cause is to be determined.

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Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release?
🗌 Yes 🖾 No	
If YES, was immediate no	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

Initial Response

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

 \boxtimes 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.

Oil Conservation Division

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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

Printed Name: <u>Robert Dunaway</u>	Title: Senior Environmental Engineer
Signature: K. Warren	Date: $\underline{1122}$
email: <u>rhdunaway@eprod.com</u>	Telephone: <u>575-628-6802</u>
OCD Only	
Received by: Ramona Marcus	11/ 2/ 20 21 Date:

Received by OCD: 4/11/2022/10:54:27 AM

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 Page 18cof 149

Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	NAPP2133323491
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	Enterprise Field Services LLC	OGRID	241602
Contact Name	Robert Dunaway	Contact Telephone	575-628-6802
Contact email	rhdunaway@eprod.com	Incident # (assigned by	OCD) nAPP2133323491
Contact mailing address	PO Box 4324, Houston, TX 77210	1	

Location of Release Source

Latitude 32.194965

Longitude <u>-103.917368</u> (NAD 83 in decimal degrees to 5 decimal places)

Site Name	Chesapeake PLU Pierce Canyon 16-24-30	Site Type	Gathering Pipeline
Date Release Discovered 11/26/21		API# (if applicable)	

Unit Letter	Section	Township	Range	County
В	30	24S	30E	Eddy

Surface Owner: State Federal Tribal Private (Name:_____

Nature and Volume of Release

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls) 1	Volume Recovered (bbls) -0-
Natural Gas	Volume Released (Mcf) 286	Volume Recovered (Mcf) -0-
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Found a leak on a gathering pipeline, cause is to be determined.

Oil Conservation Division

Incident ID	NAPP2133323491
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ⊠ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate no	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

Initial Response

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

 \boxtimes 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 not been undertaken, explain why:

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: Robert Dunaway	Title: Senior Environmental Engineer
Signature: K. Kunamy	Date: -11/29-121-
email: <u>rhdunaway@eprod.com</u>	Telephone: <u>575-628-6802</u>
OCD Only	
	Date:11/29/2021

APPENDIX B WATER WELL DATA

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(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)	· ·	are 1=NW 2 are smallest	2=NE 3=SW 4= t to largest)	=SE) (NAD83 UTM in me	eters) (In feet)	
POD Number	POD Sub- Code basin Cou	Q Q Q Inty 64 16 4		Rng	X Y	•	Depth Water Water Column	
C 02109	CUB EI	D 124	19 24S	30E 6021	30 3563412 🌍	844 130	150 -20	
	Average Depth to Water:							
						Minimum Depth:	150 feet	
						Maximum Depth:	150 feet	
Booord County 1								

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 602060.838

Northing (Y): 3562570.278

Radius: 850

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.

USGS Home Contact USGS Search USGS



National Water Information System: Web Interface

USGS Water Resources

 Data Category:
 Geographic Area:

 Groundwater
 V
 United States
 GO

Click to hideNews Bulletins

- Explore the NEW USGS National Water Dashboard to access real-time data from over 13,500 stations nationwide.
- Full News 🔊

Groundwater levels for the Nation

* IMPORTANT: Next Generation Station Page

Search Results -- 1 sites found

Agency code = usgs

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321205103544701 24S.30E.19.42113

Eddy County, New Mexico Latitude 32°12'05", Longitude 103°54'47" NAD27 Land-surface elevation 3,188 feet above NAVD88 The depth of the well is 452 feet below land surface. This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer. This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats								
Table of data								
Tab-separated data								
Graph of data								
Pacelect period								

Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1958-10-24		D	62610		2958.66	NGVD29	1	Z		
1958-10-24		D	62611		2960.30	NAVD88	1	Z		
1958-10-24		D	72019	227.70			1	Z		
1959-03-19		D	62610		2958.61	NGVD29	1	Z		
1959-03-19		D	62611		2960.25	NAVD88	1	Z		
1959-03-19		D	72019	227.75			1	Z		
1975-12-10		D	62610		2954.58	NGVD29	1	Z		
1975-12-10		D	62611		2956.22	NAVD88	1	Z		
1975-12-10		D	72019	231.78			1	Z		
1976-01-16		D	62610		2949.10	NGVD29	1	Z		
1976-01-16		D	62611		2950.74	NAVD88	1	Z		
1976-01-16		D	72019	237.26			1	Z		
1976-12-01		D	62610		2955.63	NGVD29	1	Z		
1976-12-01		D	62611		2957.27	NAVD88	1	Z		
1976-12-01		D	72019	230.73			1	Z		
1977-01-14		D	62610		2955.74	NGVD29	1	Z		
1977-01-14		D	62611		2957.38	NAVD88	1	Z		

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Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1977-01-14		D	72019	230.62			1	Z		
1983-02-01		D	62610		2950.43	NGVD29	1	Z		
1983-02-01		D	62611		2952.07	NAVD88	1	Z		
1983-02-01		D	72019	235.93			1	Z		
1987-10-15		D	62610		2953.06	NGVD29	1	S		
1987-10-15		D	62611		2954.70	NAVD88	1	S		
1987-10-15		D	72019	233.30			1	S		
1998-01-27		D	62610		2955.34	NGVD29	1	S		
1998-01-27		D	62611		2956.98	NAVD88	1	S		
1998-01-27		D	72019	231.02			1	S		

Explanation

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

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

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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: 2021-04-08 13:22:06 EDT 0.4 0.37 nadww01



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APPENDIX C SAMPLING PROTOCOL



Sampling Protocol

The soil samples were collected in laboratory supplied containers in accordance with this sampling protocol, immediately placed on ice and sent under standard chain-of-custody protocols to Envirotech Laboratory in Farmington, New Mexico for analysis. A total of fifty-nine (59) samples were collected for laboratory analysis for total chloride using EPA Method 300.0; benzene, toluene, ethylbenzene and total xylenes (BTEX) using EPA Method 8021B; and motor, diesel and gasoline range organics (MRO, DRO, and GRO) by EPA Method 8015D.

Sampling Analysis Field Quality Assurance Procedures

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

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

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APPENDIX D FIELD NOTES & PHOTO LOG

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09. 1034 J. I Gravel Rock Dry J. J. Gray Olive Sand Silt Moist Vellow Red Clay Wet	HSWEDB 1032 2,2 Gray Olive Sand Silt Moist User Vellow Red	Gravel Rock Dry Sand Silt Moist Clay Wet	<	05. 1024 S.S. Tan Brown Sand Silt Moist Yellow Red Clay Wet	Dark Gravel Rock Dry Brown Sand Silt Moist Olive Clay Wet	03 · 1020 2323 Tan Brown Sand Silt Moist A Yellow Red Clay Wet	02 1017 8,3 Grave Rock Dry B,3 Gray Olive Sand Silt Moist Yellow Red Clay Wet	HBS-01 1015 4,9 Tan Brown Sand Silt Moist AT Bry AT	Sample Name: Time: EC (mS) Temp (°C) PID Reading Soil Color Primary Soil Type Level	Location Name: Chess Apeals Poken Lake Date: 12/6/21	Field Screening	
		South end of EXC.			Just South of CLANNOR	AT CLAMP		BS CXC	Other Remarks/Notes:		B. 1057	

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				Gray Olive		Moist	11-1
				2	Clay	Wet	
				Light Dark Tan Brown	Gravel Rock	Dry	
	8				Sand Silt Clav	Moist Wet	
				Light Dark Tan Brown	Gravel Rock	Dry	
				Gray Olive		Moist	
				Z	Clay	Wet	

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APPENDIX E

LABORATORY ANALYTICAL REPORTS




5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

Analytical Report

Souder Miller Associates - Carlsbad

Project Name:

Chessapeak

Work Order: E112031

Job Number: 19026-0001

Received: 12/9/2021

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 12/13/21

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 12/13/21

Ashley Maxwell 201 S Halagueno St. Carlsbad, NM 88220

Project Name: Chessapeak Workorder: E112031 Date Received: 12/9/2021 11:30:00AM

Ashley Maxwell,





Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/9/2021 11:30:00AM, under the Project Name: Chessapeak.

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

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

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

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

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

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West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

		Sample Sum	mary		
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	Chessapeak 19026-0001 Ashley Maxwell		Reported: 12/13/21 09:48
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CHBS-01	E112031-01A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
HBS-02	E112031-02A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
HBS-03	E112031-03A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
HBS-04	E112031-04A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
CHBS-05	E112031-05A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
HBS-06	E112031-06A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
HBS-07	E112031-07A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
HSWE-08	E112031-08A	Solid	12/06/21	12/09/21	Glass Jar, 4 oz.
HSWE-09	E112031-09A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
HSWE-10	E112031-10A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
CHSWE-11	E112031-11A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
CHSWE-12	E112031-12A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
CHSWW-13	E112031-13A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
CHSWW-14	E112031-14A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
CHSWW-15	E112031-15A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
CHSWW-16	E112031-16A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
CHSWW-17	E112031-17A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
HNEW-18	E112031-18A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
HSEW-19	E112031-19A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
CHSP-20	E112031-20A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.



	0	ampic D	ala			
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name Project Numb Project Mana	ber: 1902	ssapeak 26-0001 ley Maxwell			Reported: 12/13/2021 9:48:00AM
		CHBS-01				
		E112031-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: RKS		Batch: 2150026
Benzene	ND	0.0250	1	12/09/21	12/09/21	
Ethylbenzene	ND	0.0250	1	12/09/21	12/09/21	
oluene	ND	0.0250	1	12/09/21	12/09/21	
-Xylene	ND	0.0250	1	12/09/21	12/09/21	
o,m-Xylene	ND	0.0500	1	12/09/21	12/09/21	
Total Xylenes	ND	0.0250	1	12/09/21	12/09/21	
urrogate: 4-Bromochlorobenzene-PID		96.4 %	70-130	12/09/21	12/09/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2150026
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/21	12/09/21	
urrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130	12/09/21	12/09/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2150031
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/21	12/10/21	
Dil Range Organics (C28-C36)	ND	50.0	1	12/09/21	12/10/21	
Surrogate: n-Nonane		111 %	50-200	12/09/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: IY		Batch: 2150027
Chloride	ND	20.0	1	12/09/21	12/09/21	

Sample Data



	S	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name Project Numb Project Manag	er: 1902	ssapeak 26-0001 ley Maxwe	11			Reported: 12/13/2021 9:48:00AM
		CHBS-02					
		E112031-02					
		Reporting					
Analyte	Result	Limit	Dilı	ition	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150026
Benzene	ND	0.0250		1	12/09/21	12/09/21	
Ethylbenzene	ND	0.0250		1	12/09/21	12/09/21	
Toluene	ND	0.0250		1	12/09/21	12/09/21	
p-Xylene	ND	0.0250		1	12/09/21	12/09/21	
o,m-Xylene	ND	0.0500		1	12/09/21	12/09/21	
Total Xylenes	ND	0.0250		1	12/09/21	12/09/21	
Surrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130		12/09/21	12/09/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150026
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/09/21	12/09/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130		12/09/21	12/09/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RKS		Batch: 2150031	
Diesel Range Organics (C10-C28)	ND	25.0		1	12/09/21	12/10/21	
Oil Range Organics (C28-C36)	ND	50.0		1	12/09/21	12/10/21	
Surrogate: n-Nonane		114 %	50-200		12/09/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2150027
Chloride	50.1	20.0		1	12/09/21	12/09/21	



	Sa	mple D	ata			
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name: Project Numbe Project Manage	r: 1902	ssapeak 26-0001 ley Maxwell			Reported: 12/13/2021 9:48:00AM
		CHBS-03				
]	E112031-03				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2150026
Benzene	ND	0.0250	1	12/09/21	12/09/21	
Ethylbenzene	1.50	0.0250	1	12/09/21	12/09/21	
Toluene	0.918	0.0250	1	12/09/21	12/09/21	
p-Xylene	3.37	0.0250	1	12/09/21	12/09/21	
o,m-Xylene	11.0	0.0500	1	12/09/21	12/09/21	
Total Xylenes	14.3	0.0250	1	12/09/21	12/09/21	
Surrogate: 4-Bromochlorobenzene-PID		109 %	70-130	12/09/21	12/09/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2150026
Gasoline Range Organics (C6-C10)	257	20.0	1	12/09/21	12/09/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	12/09/21	12/09/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RKS			Batch: 2150031
Diesel Range Organics (C10-C28)	851	25.0	1	12/09/21	12/10/21	
Oil Range Organics (C28-C36)	2370	50.0	1	12/09/21	12/10/21	
Surrogate: n-Nonane		196 %	50-200	12/09/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2150027
Chloride	1370	20.0	1	12/09/21	12/09/21	



	S	Sample D	ata			
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name Project Num Project Mana	ber: 1902	ssapeak 26-0001 ley Maxwell			Reported: 12/13/2021 9:48:00AM
		CHBS-04				
		E112031-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2150026
Benzene	ND	0.0250	1	12/09/21	12/10/21	
Ethylbenzene	0.169	0.0250	1	12/09/21	12/10/21	
Toluene	0.141	0.0250	1	12/09/21	12/10/21	
o-Xylene	0.304	0.0250	1	12/09/21	12/10/21	
p,m-Xylene	0.999	0.0500	1	12/09/21	12/10/21	
Total Xylenes	1.30	0.0250	1	12/09/21	12/10/21	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	12/09/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2150026
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/21	12/10/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.5 %	70-130	12/09/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	Analyst: RKS		Batch: 2150031
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/21	12/11/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/09/21	12/11/21	
Surrogate: n-Nonane		142 %	50-200	12/09/21	12/11/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2150027
Chloride	ND	20.0	1	12/09/21	12/09/21	

	S	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name Project Numb Project Manaş	er: 1902	ssapeak 26-0001 ley Maxwe	11			Reported: 12/13/2021 9:48:00AM
		CHBS-05					
		E112031-05					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst	RKS		Batch: 2150026
Benzene	ND	0.0250		1	12/09/21	12/09/21	
Ethylbenzene	ND	0.0250		1	12/09/21	12/09/21	
Toluene	ND	0.0250		1	12/09/21	12/09/21	
o-Xylene	ND	0.0250		1	12/09/21	12/09/21	
p,m-Xylene	ND	0.0500		1	12/09/21	12/09/21	
Total Xylenes	ND	0.0250		1	12/09/21	12/09/21	
Surrogate: 4-Bromochlorobenzene-PID		99.0 %	70-130		12/09/21	12/09/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150026
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/09/21	12/09/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130		12/09/21	12/09/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RKS		Batch: 2150031	
Diesel Range Organics (C10-C28)	ND	25.0		1	12/09/21	12/10/21	
Oil Range Organics (C28-C36)	ND	50.0		1	12/09/21	12/10/21	
Surrogate: n-Nonane		107 %	50-200		12/09/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: IY		Batch: 2150027
Chloride	ND	20.0		1	12/09/21	12/09/21	



	S	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name Project Numb Project Mana	ber: 1902	ssapeak 26-0001 ley Maxwe	ell			Reported: 12/13/2021 9:48:00AM
		CHBS-06					
		E112031-06					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2150026
Benzene	ND	0.0250		1	12/09/21	12/09/21	
Ethylbenzene	ND	0.0250		1	12/09/21	12/09/21	
Toluene	ND	0.0250		1	12/09/21	12/09/21	
o-Xylene	ND	0.0250		1	12/09/21	12/09/21	
p,m-Xylene	ND	0.0500		1	12/09/21	12/09/21	
Total Xylenes	ND	0.0250		1	12/09/21	12/09/21	
Surrogate: 4-Bromochlorobenzene-PID		98.3 %	70-130		12/09/21	12/09/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2150026
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/09/21	12/09/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130		12/09/21	12/09/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RKS		Batch: 2150031	
Diesel Range Organics (C10-C28)	ND	25.0		1	12/09/21	12/10/21	
Oil Range Organics (C28-C36)	ND	50.0		1	12/09/21	12/10/21	
Surrogate: n-Nonane		110 %	50-200		12/09/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2150027
Chloride	ND	20.0		1	12/09/21	12/09/21	

	S	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name Project Numb Project Manag	ber: 1902	ssapeak 26-0001 ley Maxwe	11			Reported: 12/13/2021 9:48:00AM
		CHBS-07					
		E112031-07					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst	RKS		Batch: 2150026
Benzene	ND	0.0250		1	12/09/21	12/09/21	
Ethylbenzene	ND	0.0250		1	12/09/21	12/09/21	
Toluene	ND	0.0250		1	12/09/21	12/09/21	
o-Xylene	ND	0.0250		1	12/09/21	12/09/21	
p,m-Xylene	ND	0.0500		1	12/09/21	12/09/21	
Total Xylenes	ND	0.0250		1	12/09/21	12/09/21	
Surrogate: 4-Bromochlorobenzene-PID		96.6 %	70-130		12/09/21	12/09/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150026
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/09/21	12/09/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.5 %	70-130		12/09/21	12/09/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RKS		Batch: 2150031	
Diesel Range Organics (C10-C28)	ND	25.0		1	12/09/21	12/10/21	
Oil Range Organics (C28-C36)	ND	50.0		1	12/09/21	12/10/21	
Surrogate: n-Nonane		113 %	50-200		12/09/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2150027
Chloride	ND	20.0		1	12/09/21	12/09/21	



	S	Sample D	ata			
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Nam Project Num Project Mana	ber: 1902	ssapeak 26-0001 ley Maxwell			Reported: 12/13/2021 9:48:00AM
		CHSWE-08				
		E112031-08				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: RKS		Batch: 2150026
Benzene	ND	0.0250	1	12/09/21	12/09/21	
Ethylbenzene	ND	0.0250	1	12/09/21	12/09/21	
Toluene	ND	0.0250	1	12/09/21	12/09/21	
p-Xylene	ND	0.0250	1	12/09/21	12/09/21	
o,m-Xylene	ND	0.0500	1	12/09/21	12/09/21	
Total Xylenes	ND	0.0250	1	12/09/21	12/09/21	
Surrogate: 4-Bromochlorobenzene-PID		94.5 %	70-130	12/09/21	12/09/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: RKS		Batch: 2150026
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/21	12/09/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.8 %	70-130	12/09/21	12/09/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RKS			Batch: 2150031
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/21	12/10/21	
Dil Range Organics (C28-C36)	ND	50.0	1	12/09/21	12/10/21	
Surrogate: n-Nonane		111 %	50-200	12/09/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2150027
Chloride	ND	20.0	1	12/09/21	12/09/21	



	S	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name Project Numb Project Manag	ber: 1902	ssapeak 26-0001 ley Maxwe	11			Reported: 12/13/2021 9:48:00AM
		CHSWE-09					
		E112031-09					
		Reporting					
Analyte	Result	Limit	Dilı	ition	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150026
Benzene	ND	0.0250		1	12/09/21	12/09/21	
Ethylbenzene	ND	0.0250		1	12/09/21	12/09/21	
Toluene	ND	0.0250		1	12/09/21	12/09/21	
p-Xylene	ND	0.0250		1	12/09/21	12/09/21	
o,m-Xylene	ND	0.0500		1	12/09/21	12/09/21	
Total Xylenes	ND	0.0250		1	12/09/21	12/09/21	
Surrogate: 4-Bromochlorobenzene-PID		96.6 %	70-130		12/09/21	12/09/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150026
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/09/21	12/09/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.9 %	70-130		12/09/21	12/09/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RKS		Batch: 2150031	
Diesel Range Organics (C10-C28)	ND	25.0		1	12/09/21	12/10/21	
Oil Range Organics (C28-C36)	ND	50.0		1	12/09/21	12/10/21	
Surrogate: n-Nonane		115 %	50-200		12/09/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2150027
Chloride	ND	20.0	-	1	12/09/21	12/09/21	



	S	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name: Project Numb Project Manag	er: 1902	ssapeak 26-0001 ley Maxwe	11			Reported: 12/13/2021 9:48:00AM
	(CHSWE-10					
		E112031-10					
		Reporting					
Analyte	Result	Limit	Dilı	ition	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150026
Benzene	ND	0.0250		1	12/09/21	12/09/21	
Ethylbenzene	ND	0.0250		1	12/09/21	12/09/21	
Toluene	ND	0.0250		1	12/09/21	12/09/21	
o-Xylene	ND	0.0250		1	12/09/21	12/09/21	
p,m-Xylene	ND	0.0500		1	12/09/21	12/09/21	
Total Xylenes	ND	0.0250		1	12/09/21	12/09/21	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130		12/09/21	12/09/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150026
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/09/21	12/09/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.7 %	70-130		12/09/21	12/09/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RKS			Batch: 2150031
Diesel Range Organics (C10-C28)	ND	25.0		1	12/09/21	12/10/21	
Oil Range Organics (C28-C36)	ND	50.0		1	12/09/21	12/10/21	
Surrogate: n-Nonane		117 %	50-200		12/09/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2150027
Chloride	ND	20.0		1	12/09/21	12/09/21	



	S	Sample D	ata			
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Nam Project Num Project Mana	ber: 1902	ssapeak 26-0001 ley Maxwell			Reported: 12/13/2021 9:48:00AM
		CHSWE-11				
		E112031-11				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2150026
Benzene	ND	0.0250	1	12/09/21	12/09/21	
Ethylbenzene	ND	0.0250	1	12/09/21	12/09/21	
Toluene	ND	0.0250	1	12/09/21	12/09/21	
o-Xylene	ND	0.0250	1	12/09/21	12/09/21	
p,m-Xylene	ND	0.0500	1	12/09/21	12/09/21	
Total Xylenes	ND	0.0250	1	12/09/21	12/09/21	
Surrogate: 4-Bromochlorobenzene-PID		97.2 %	70-130	12/09/21	12/09/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2150026
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/21	12/09/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	12/09/21	12/09/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2150031
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/21	12/10/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/09/21	12/10/21	
Surrogate: n-Nonane		116 %	50-200	12/09/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY		Batch: 2150027
Chloride	ND	20.0	1	12/09/21	12/09/21	

	S	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name Project Numb Project Mana	ber: 1902	ssapeak 26-0001 ley Maxwe	-11			Reported: 12/13/2021 9:48:00AM
		CHSWE-12					
		E112031-12					
		Reporting					
Analyte	Result	Limit	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst	RKS		Batch: 2150026
Benzene	ND	0.0250		1	12/09/21	12/09/21	
Ethylbenzene	ND	0.0250		1	12/09/21	12/09/21	
Toluene	ND	0.0250		1	12/09/21	12/09/21	
o-Xylene	ND	0.0250		1	12/09/21	12/09/21	
p,m-Xylene	ND	0.0500		1	12/09/21	12/09/21	
Total Xylenes	ND	0.0250		1	12/09/21	12/09/21	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130		12/09/21	12/09/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150026
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/09/21	12/09/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.1 %	70-130		12/09/21	12/09/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RKS			Batch: 2150031
Diesel Range Organics (C10-C28)	ND	25.0		1	12/09/21	12/10/21	
Oil Range Organics (C28-C36)	ND	50.0		1	12/09/21	12/10/21	
Surrogate: n-Nonane		110 %	50-200		12/09/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2150027
Chloride	ND	20.0		1	12/09/21	12/09/21	



	S	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name Project Num Project Mana	ber: 1902	ssapeak 26-0001 ley Maxwel	11			Reported: 12/13/2021 9:48:00AM
		CHSWW-13					
		E112031-13					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150026
Benzene	ND	0.0250	1	l	12/09/21	12/09/21	
Ethylbenzene	ND	0.0250	1	l	12/09/21	12/09/21	
Toluene	ND	0.0250	1	l	12/09/21	12/09/21	
o-Xylene	ND	0.0250	1	l	12/09/21	12/09/21	
p,m-Xylene	ND	0.0500	1	l	12/09/21	12/09/21	
Total Xylenes	ND	0.0250	1	l	12/09/21	12/09/21	
Surrogate: 4-Bromochlorobenzene-PID		94.3 %	70-130		12/09/21	12/09/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst:	RKS		Batch: 2150026
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	12/09/21	12/09/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.1 %	70-130		12/09/21	12/09/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	-	Analyst: RKS			Batch: 2150031
Diesel Range Organics (C10-C28)	ND	25.0	1	1	12/09/21	12/10/21	
Oil Range Organics (C28-C36)	ND	50.0	1	l	12/09/21	12/10/21	
Surrogate: n-Nonane		112 %	50-200		12/09/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2150027
Chloride	ND	20.0	1	1	12/09/21	12/09/21	



	S	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name Project Numb Project Manag	ber: 1902	ssapeak 26-0001 ley Maxwe	11			Reported: 12/13/2021 9:48:00AM
		CHSWW-14					
		E112031-14					
		Reporting					
Analyte	Result	Limit	Dilı	ition	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150026
Benzene	ND	0.0250		1	12/09/21	12/09/21	
Ethylbenzene	ND	0.0250		1	12/09/21	12/09/21	
Toluene	ND	0.0250		1	12/09/21	12/09/21	
o-Xylene	ND	0.0250		1	12/09/21	12/09/21	
p,m-Xylene	ND	0.0500		1	12/09/21	12/09/21	
Total Xylenes	ND	0.0250		1	12/09/21	12/09/21	
Surrogate: 4-Bromochlorobenzene-PID		98.6 %	70-130		12/09/21	12/09/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150026
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/09/21	12/09/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130		12/09/21	12/09/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RKS			Batch: 2150031
Diesel Range Organics (C10-C28)	ND	25.0		1	12/09/21	12/10/21	
Oil Range Organics (C28-C36)	83.3	50.0		1	12/09/21	12/10/21	
Surrogate: n-Nonane		114 %	50-200		12/09/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY				Batch: 2150027
Chloride	ND	20.0		1	12/09/21	12/09/21	



	S	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name Project Numb Project Mana	ber: 1902	ssapeak 26-0001 ley Maxwe	:11			Reported: 12/13/2021 9:48:00AM
		CHSWW-15					
		E112031-15					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst	RKS		Batch: 2150026
Benzene	ND	0.0250		1	12/09/21	12/10/21	
Ethylbenzene	ND	0.0250		1	12/09/21	12/10/21	
Toluene	ND	0.0250		1	12/09/21	12/10/21	
o-Xylene	ND	0.0250		1	12/09/21	12/10/21	
p,m-Xylene	ND	0.0500		1	12/09/21	12/10/21	
Total Xylenes	ND	0.0250		1	12/09/21	12/10/21	
Surrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130		12/09/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2150026
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/09/21	12/10/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130		12/09/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RKS			Batch: 2150031
Diesel Range Organics (C10-C28)	ND	25.0		1	12/09/21	12/10/21	
Oil Range Organics (C28-C36)	ND	50.0		1	12/09/21	12/10/21	
Surrogate: n-Nonane		114 %	50-200		12/09/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	IY		Batch: 2150027
Chloride	ND	20.0		1	12/09/21	12/09/21	



	S	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name Project Numb Project Mana	ber: 1902	ssapeak 26-0001 ley Maxwe	11			Reported: 12/13/2021 9:48:00AM
		CHSWW-16					
		E112031-16					
		Reporting					
Analyte	Result	Limit	Dilı	ition	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150026
Benzene	ND	0.0250		1	12/09/21	12/10/21	
Ethylbenzene	ND	0.0250		1	12/09/21	12/10/21	
Toluene	ND	0.0250		1	12/09/21	12/10/21	
p-Xylene	ND	0.0250		1	12/09/21	12/10/21	
o,m-Xylene	ND	0.0500		1	12/09/21	12/10/21	
Total Xylenes	ND	0.0250		1	12/09/21	12/10/21	
Surrogate: 4-Bromochlorobenzene-PID		95.7 %	70-130		12/09/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150026
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/09/21	12/10/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130		12/09/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RKS			Batch: 2150031
Diesel Range Organics (C10-C28)	ND	25.0		1	12/09/21	12/10/21	
Dil Range Organics (C28-C36)	ND	50.0		1	12/09/21	12/10/21	
Surrogate: n-Nonane		113 %	50-200		12/09/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2150027
Chloride	ND	20.0	-	1	12/09/21	12/09/21	



	S	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name: Project Numb Project Manag	er: 1902	ssapeak 26-0001 ley Maxwe	11			Reported: 12/13/2021 9:48:00AM
	(CHSWW-17					
		E112031-17					
		Reporting					
Analyte	Result	Limit	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150026
Benzene	ND	0.0250		1	12/09/21	12/10/21	
Ethylbenzene	ND	0.0250		1	12/09/21	12/10/21	
Toluene	ND	0.0250		1	12/09/21	12/10/21	
o-Xylene	ND	0.0250		1	12/09/21	12/10/21	
p,m-Xylene	ND	0.0500		1	12/09/21	12/10/21	
Total Xylenes	ND	0.0250		1	12/09/21	12/10/21	
Surrogate: 4-Bromochlorobenzene-PID		97.2 %	70-130		12/09/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150026
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/09/21	12/10/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.3 %	70-130		12/09/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RKS			Batch: 2150031
Diesel Range Organics (C10-C28)	ND	25.0		1	12/09/21	12/10/21	
Oil Range Organics (C28-C36)	ND	50.0		1	12/09/21	12/10/21	
Surrogate: n-Nonane		113 %	50-200		12/09/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Batch: 2150027			
Chloride	ND	20.0		1	12/09/21	12/09/21	



	S	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name Project Numb Project Mana	ber: 1902	ssapeak 26-0001 ley Maxwe	11			Reported: 12/13/2021 9:48:00AM
		CHNEW-18					
		E112031-18					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150026
Benzene	ND	0.0250	1	1	12/09/21	12/10/21	
Ethylbenzene	ND	0.0250	1	1	12/09/21	12/10/21	
Toluene	ND	0.0250	1	1	12/09/21	12/10/21	
p-Xylene	ND	0.0250	1	1	12/09/21	12/10/21	
o,m-Xylene	ND	0.0500	1	1	12/09/21	12/10/21	
Total Xylenes	ND	0.0250	:	1	12/09/21	12/10/21	
Surrogate: 4-Bromochlorobenzene-PID		98.3 %	70-130		12/09/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150026
Gasoline Range Organics (C6-C10)	ND	20.0	:	1	12/09/21	12/10/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130		12/09/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RKS			Batch: 2150031
Diesel Range Organics (C10-C28)	ND	25.0	:	1	12/09/21	12/10/21	
Dil Range Organics (C28-C36)	ND	50.0	i	1	12/09/21	12/10/21	
Surrogate: n-Nonane		111 %	50-200		12/09/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2150027
Chloride	ND	20.0	:	1	12/09/21	12/09/21	



	Sa	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name: Project Numbe Project Manag	er: 1902	ssapeak 26-0001 ley Maxwe	ell			Reported: 12/13/2021 9:48:00AM
		CHSEW-19					
		E112031-19					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS			Batch: 2150026
Benzene	ND	0.0250		1	12/09/21	12/10/21	
Ethylbenzene	ND	0.0250		1	12/09/21	12/10/21	
Toluene	ND	0.0250		1	12/09/21	12/10/21	
o-Xylene	ND	0.0250		1	12/09/21	12/10/21	
p,m-Xylene	ND	0.0500		1	12/09/21	12/10/21	
Total Xylenes	ND	0.0250		1	12/09/21	12/10/21	
Surrogate: 4-Bromochlorobenzene-PID		97.2 %	70-130		12/09/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2150026
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/09/21	12/10/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.0 %	70-130		12/09/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RKS			Batch: 2150031
Diesel Range Organics (C10-C28)	ND	25.0		1	12/09/21	12/10/21	
Oil Range Organics (C28-C36)	ND	50.0		1	12/09/21	12/10/21	
Surrogate: n-Nonane		108 %	50-200		12/09/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	IY		Batch: 2150027
Chloride	ND	20.0		1	12/09/21	12/09/21	



	S	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name: Project Numb Project Manag	er: 1902	ssapeak 26-0001 ley Maxwe	11			Reported: 12/13/2021 9:48:00AM
		CHSP-20					
		E112031-20					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS			Batch: 2150026
Benzene	ND	0.0250	i	1	12/09/21	12/10/21	
Ethylbenzene	ND	0.0250	:	1	12/09/21	12/10/21	
Toluene	ND	0.0250	1	1	12/09/21	12/10/21	
p-Xylene	ND	0.0250	1	1	12/09/21	12/10/21	
o,m-Xylene	ND	0.0500	1	1	12/09/21	12/10/21	
Total Xylenes	ND	0.0250	:	1	12/09/21	12/10/21	
Surrogate: 4-Bromochlorobenzene-PID		94.5 %	70-130		12/09/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150026
Gasoline Range Organics (C6-C10)	ND	20.0	:	1	12/09/21	12/10/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130		12/09/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RKS		Batch: 2150031	
Diesel Range Organics (C10-C28)	ND	25.0	:	1	12/09/21	12/10/21	
Dil Range Organics (C28-C36)	ND	50.0	1	1	12/09/21	12/10/21	
Surrogate: n-Nonane		116 %	50-200		12/09/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	ng/kg Analyst: IY				Batch: 2150027
Chloride	ND	20.0]	1	12/09/21	12/09/21	



QC Summary Data

Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	19	hessapeak 0026-0001					Reported:
-				026-0001					
Carlsbad NM, 88220		Project Manager:	۸.						
			As	shley Maxwel	1				12/13/2021 9:48:00AM
		Volatile Organics by EPA 8021B							Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2150026-BLK1)							Prepared: 1	2/09/21	Analyzed: 12/10/21
Benzene	ND	0.0250					-		•
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.11	0.0200	8.00		101	70-130			
LCS (2150026-BS1)							Prepared: 1	2/09/21	Analyzed: 12/10/21
Benzene	4.74	0.0250	5.00		94.8	70-130			
Ethylbenzene	4.66	0.0250	5.00		93.2	70-130			
Toluene	4.83	0.0250	5.00		96.6	70-130			
o-Xylene	4.78	0.0250	5.00		95.7	70-130			
p,m-Xylene	9.47	0.0500	10.0		94.7	70-130			
Total Xylenes	14.3	0.0250	15.0		95.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.96		8.00		99.5	70-130			
Matrix Spike (2150026-MS1)				Source:	E112031-()4	Prepared: 1	2/09/21	Analyzed: 12/10/21
Benzene	4.81	0.0250	5.00	ND	96.2	54-133			
Ethylbenzene	4.82	0.0250	5.00	0.169	93.0	61-133			
Toluene	4.97	0.0250	5.00	0.141	96.7	61-130			
o-Xylene	5.06	0.0250	5.00	0.304	95.2	63-131			
p,m-Xylene	10.3	0.0500	10.0	0.999	92.6	63-131			
Total Xylenes	15.3	0.0250	15.0	1.30	93.5	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.97		8.00		99.6	70-130			
Matrix Spike Dup (2150026-MSD1)				Source:	E112031-0)4	Prepared: 1	2/09/21	Analyzed: 12/10/21
Benzene	4.62	0.0250	5.00	ND	92.4	54-133	4.04	20	
Ethylbenzene	4.64	0.0250	5.00	0.169	89.5	61-133	3.73	20	
Toluene	4.78	0.0250	5.00	0.141	92.8	61-130	4.02	20	
o-Xylene	4.90	0.0250	5.00	0.304	91.8	63-131	3.37	20	
p,m-Xylene	9.96	0.0500	10.0	0.999	89.6	63-131	2.97	20	
Total Xylenes	14.9	0.0250	15.0	1.30	90.3	63-131	3.10	20	
Surrogate: 4-Bromochlorobenzene-PID	7.90		8.00		98.8	70-130			



QC Summary Data

		QC D	uIIIIII	ary Data					
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	1	Chessapeak 19026-0001 Ashley Maxwell					Reported: 12/13/2021 9:48:00AM
	No	onhalogenated C	Organics	s by EPA 801:	5D - G	RO			Analyst: RKS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limi %	
Blank (2150026-BLK1)							Prepared: 1	12/09/21	Analyzed: 12/10/21
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.69		8.00		96.1	70-130			
LCS (2150026-BS2)							Prepared: 1	12/09/21	Analyzed: 12/10/21
Gasoline Range Organics (C6-C10)	54.3	20.0	50.0		109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.85		8.00		98.1	70-130			
Matrix Spike (2150026-MS2)				Source: E	112031-	04	Prepared: 1	12/09/21	Analyzed: 12/10/21
Gasoline Range Organics (C6-C10)	58.1	20.0	50.0	ND	116	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.79		8.00		97.4	70-130			
Matrix Spike Dup (2150026-MSD2)				Source: E	112031-	04	Prepared: 1	12/09/21	Analyzed: 12/10/21
Gasoline Range Organics (C6-C10)	60.0	20.0	50.0	ND	120	70-130	3.22	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.84		8.00		98.0	70-130			



QC Summary Data

		QC DI		aly Data					
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager:		Chessapeak 19026-0001 Ashley Maxwell					Reported: 12/13/2021 9:48:00AM
	Nonh	alogenated Orga	anics by	y EPA 8015D	- DRO	/ORO			Analyst: KL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2150031-BLK1)							Prepared: 1	2/09/21	Analyzed: 12/09/21
Diesel Range Organics (C10-C28)	ND	25.0					_		-
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.3		50.0		113	50-200			
LCS (2150031-BS1)							Prepared: 1	2/09/21	Analyzed: 12/09/21
Diesel Range Organics (C10-C28)	457	25.0	500		91.4	38-132			
Surrogate: n-Nonane	53.9		50.0		108	50-200			
Matrix Spike (2150031-MS1)				Source: E	112031-	04	Prepared: 1	2/09/21	Analyzed: 12/09/21
Diesel Range Organics (C10-C28)	470	25.0	500	ND	94.0	38-132			
Surrogate: n-Nonane	53.0		50.0		106	50-200			
Matrix Spike Dup (2150031-MSD1)				Source: E	112031-	04	Prepared: 1	2/09/21	Analyzed: 12/09/21
Diesel Range Organics (C10-C28)	487	25.0	500	ND	97.5	38-132	3.68	20	
Surrogate: n-Nonane	54.4		50.0		109	50-200			



QC Summary Data

				-						
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager		Chessapeak 19026-0001 Ashley Maxwell					Reported: 12/13/2021 9:48:00)AM
		Anions	by EPA	A 300.0/9056A					Analyst: IY	
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPE Limi %		
Blank (2150027-BLK1)							Prepared:	12/09/21	Analyzed: 12/09/21	
Chloride	ND	20.0								
LCS (2150027-BS1)							Prepared:	12/09/21	Analyzed: 12/09/21	
Chloride	258	20.0	250		103	90-110				
Matrix Spike (2150027-MS1)				Source: I	E112031-()1	Prepared:	12/09/21	Analyzed: 12/09/21	
Chloride	262	20.0	250	ND	105	80-120				
Matrix Spike Dup (2150027-MSD1)				Source: I	E 112031- ()1	Prepared:	12/09/21	Analyzed: 12/09/21	
Chloride	262	20.0	250	ND	105	80-120	0.164	20		

QC Summary Report Comment:

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



Souder Miller Associates - Carlsbad	Project Name:	Chessapeak	
201 S Halagueno St.	Project Number:	19026-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	12/13/21 09:48

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



7	Chain of	Custody							9	2		Page _ of _
/ weit									P	Tur	NHSOL	ridd
Client: SMA	Bill To		1		La	ab Us	se Or	nly .	T	TAT	E	PA Program
Project: Chefghpept	Attention:		Lab	WO#	ŧ			Number	1D	3D	RCRA	CWA SDWA
Project Manager:	Address:		PE	WO#	120			1000-0151				
City, State, Zip / 1 / DÁ 21	City, State, Zip Phone:		CC	Fizh	olzi		Analy	ysis and Metho	bd			State
Phone: Arb PV AXWOU	Email:	20										NM CO UT AZ
Email:			8015	8015								TYOK
Report due by:			yd C	yd C	3021	260	010	Chloride 300.0	MN	X1		TX OK
Time Date Matrix No Sample ID	L	Lab	DRO/ORO by	GRO/DRO by	(pv	by 8	Metals 6010	ride	- DC -	1- D		
Sampled Sampled Viatrix Containers Sample ID		Number	DRO	GRO	BTEX by 8021	VOC by 8260	Met	Chlo	BGDOC - NM	BGDOC		Remarks
1015 12/6/2 Soil 1 CHBS	-01	1							X			
1017 1 1	02	2							ſ			
1970 (53	3										
1022 (04	4										
1024	05	5										
1027 1	06	4										
1030 1 V	07	7										
1032 1 CHSV	VE-08	8										
1034 1	09	9										
1036 1	10	10							Y			
Additional Instructions:	r -											
(field sampler), attest to the validity and authenticity of this sample. I am aware th ime of collection is considered fraud and may be grounds for legal action. Sampled	at tampering with or intentionally mislabelling the sample loca	ation, date or						requiring thermal pres packed in ice at an avg				day they are sampled or subsequent days.
telinglished by Signature Ull Date 12/3/21 Time	Personal Signatural A	Date 12-8-		Time	De	D	Paca	ived on last		ab Use	e Only	
glingdished by (Signature) Date	Received by: (Signature)	Date		Time	30		TI	eived on ice:	L	()/ N		
telinquished by: (Signature) Date Time	Received by: (Signature)	Date		Time			11		12			13
ample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other		Container	Type	9 - 0	lace .			Temp °C			10.4	
lote: Samples are discarded 30 days after results are reported unless othe	r arrangements are made. Hazardous samples will be r	returned to cli	ent or o	dispose	ed of at	t the cl	lient ex	oscie, ag - arno opense. The report	t for th	iss, V - N ne analys	is of the abo	ve samples is applicable
nly to those samples received by the laboratory with this COC. The liabili	ty of the laboratory is limited to the amount paid for o	n the report.				an bada						
-		n the report.									-	otech-inc.com
	5795 UB Highway 54, Featrington, NM 37401 24 Hour Emergency Response Phone (800) 352-1273				Pr	(505) 8	532-138	1 Fx (505) 632-186	15			virolech-inc.com

Received by OCD: 4/11/2022 10:54:27 AM

Client: SMA		-	· · · · ·						4	. X7,	FAT	ſ.		
Project: CA 8454 Perplu	Bill To Attention:		Lab	MO			e On	y Jumbe	r		AT 3D	RCRA	PA Program	
Project Manager:	Address:	A.	PF	- 11	# 202	31	190	ale-		10	50	RCRA	CWA	SDV
Address:	City, State, Zip	14			10-		Analy	sis and	Metho	d	-ll		Stat	te
City, State, Zip Phone: ACHLON MAX, 2011	Phone:	16		-									NM CO	UT
Email: HSHUBY (AAXWEL)	Email:		8015	8015				0					тх ок	_
Report due by:			Vd Oi	Vd O	8021	8260	010	300.		WN -	ž		TX OK	-
Time Date Matrix No Containers Sample ID		Lab Number	DRO/ORO by	GRO/DRO by 8015	BTEX by	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC -	BGDOC -		Rema	arks
103812/6/2, Soil 1 CHS	WE-11	1.(-				X				
1040 1	V 12	12								R				
1045 1 CHS	WW-13	13					_							
1047 1	1 14	14												
1050	15	15												
1055 1	1.6	16												
1100 (V 17	17												
107 I CHN	5W - 18	18		-	×	-								
1115 1 CHSI	EW-19	19												
2-1158 V + 39 CHSPS	40-58	20								N				
Additional Instructions:												- Autoria		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware t time of collection is considered fraud and may be grounds for legal action. Sampled		location, date or											day they are sample subsequent days	led or
Relinquished by: (Signature) Mal Date 12/8/21 Time	00 Rezeived by: (Signature)	Date 12	21	Time	. 02	5	Poco	ved or			ab Use	e Only		
Refinquished by (Signature) Date 28/21 Time	3D Received by: (Signature)	Date QQ		Time	30		T1	veu oi		T2			тз	
Relinquished by: (Signature) Date I I Time	Received by: (Signature)	Date		Time				Temp	°c 4					
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other		Container	Туре	: g - g	lass, p	p - po	ly/pla	stic, ag	- ambe	r glas	s, v - \	/OA		
Note: Samples are discarded 30 days after results are reported unless oth only to those samples received by the laboratory with this COC. The liabi	er arrangements are made. Hazardous samples will l	be returned to cli	ent or	dispos	ed of at	t the cl	ient ex	ense. T	ne report	for the	e analys	is of the abo	ve samples is ap	pplica

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labadmin@envirotech-inc.com

(178) LE HORALA DE REHARDER MULETAL 22 million Brian (an in Barlin Inde British (201) 1950 AUTS

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Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

lient:	Souder Miller Associates - Carlsbad	Date Received:	12/09/21 11:	30	Work Order ID: E112031
Phone:	(505) 325-7535 E	Date Logged In:	12/08/21 11:	39	Logged In By: Jessica Liesse
Email:	ashley.maxwell@soudermiller.com	Due Date:	12/10/21 17:	00 (1 day TAT)	
Chain of	f Custody (COC)				
1. Does t	the sample ID match the COC?		Yes		
2. Does t	the number of samples per sampling site location match	the COC	Yes		
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: <u>F</u>	ed Ex
4. Was th	ne COC complete, i.e., signatures, dates/times, requeste	d analyses?	Yes		
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion.		Yes		Comments/Resolution
Sample 7	Turn Around Time (TAT)				
	e COC indicate standard TAT, or Expedited TAT?		Yes		58 samples were received, Originally there
Sample	· •				were COC pages 1 and 2 for all
	sample cooler received?		Yes		samples. The COC has been remade by
8. If yes,	was cooler received in good condition?		Yes		client and is now 1 of 6 COC pages.Due to
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes		
10. Were	custody/security seals present?		No		sample amount this project has been split
11. If yes	s, were custody/security seals intact?		NA		into 3 seperate workorders as
12. Was th	he sample received on ice? If yes, the recorded temp is 4°C, i.e Note: Thermal preservation is not required, if samples are re		Yes		follows:E112031-E112040-E112041
10.10	minutes of sampling		0		
	visible ice, record the temperature. Actual sample te	mperature: <u>4°</u>	<u>C</u>		
	<u>Container</u>				
	aqueous VOC samples present?		No		
	VOC samples collected in VOA Vials?		NA NA		
	e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses?		NA		
	non-VOC samples collected in the correct containers?		Yes		
	appropriate volume/weight or number of sample containers	v collected?	Yes		
Field La		s conceteur.	105		
-	field sample labels filled out with the minimum inform	nation			
	Sample ID?		Yes		
Ι	Date/Time Collected?		Yes		
	Collectors name?		No		
	Preservation	10			
	the COC or field labels indicate the samples were pres	erved?	No		
	sample(s) correctly preserved?	1.0	NA		
	o filteration required and/or requested for dissolved met	ais?	No		
-	ase Sample Matrix	_			
	the sample have more than one phase, i.e., multiphase		No		
27. If yes	s, does the COC specify which phase(s) is to be analyze	ed?	NA		
	ract Laboratory				
28 Ares	samples required to get sent to a subcontract laboratory	?	No		
	a subcontract laboratory specified by the client and if se		NA S		

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



envirotech Inc.

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Project Information	Chain of	Custody							2	e.	. 4000	Page of
Client: SMIA			-	and in the		_			1	ure	M.0.	
Project: Charles A Deble	Bill To		-			b Use		3	1 1/	41	El	PA Program
Project: Chefsh Pehlu Project Manager:	Attention: Address:		Lap	WO#	1203		b Nun	iber	1D	3D	RCRA	CWA SDWA
Address:			PE	P1	1205	11/		1-0001				
City, State, Zip / 11 DA m. all	City, State, Zip		CC	Tillio	IZI	A	alysis a	nd Metho	d		San Carl	State
Phone: Arbley MAXwell	Phone:											NM CO UT AZ
Email: Min 10/ 100	Email:		8015	8015								X
Report due by:	A MARKED AND AND AND A MARKED AND AND AND AND AND AND AND AND AND AN		by 8	by 8	8021	0	0.00		Z			TX OK
			RO	RO	by 80	826	6 30		Z.	X1.		
Time Date Matrix No Sample ID		Lab Number	DRO/ORO by	GRO/DRO by	BTEX b	VOC by 8260	Metals 6010 Chloride 300.0		BGDOC - NM	BGDOC		Remarks
1015 12/64 Soil 1 CHBS	-01	1							X			
1017 1.	62	2										
1.920 (\$3	3										
1022 (04	4										
1024 /	05	5										
1027 1	06	4										
1030 1 V	07	7										
1032 1 CHSY	1E-08	8			3							
1034 1	69	9										
1,036	10	10							X			
Additional Instructions:	0							1				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware tha time of collection is considered fraud and may be grounds for legal action. Sampled b		ation, date or										r day they are sampled or subsequent days.
Reling isped by ISignation Julie Date 12/3/21 Time	O Received by: (Signature)	Date 12-8-	21	Time	Di		acaiva	d on ice:		b Use	Only	
Reflingershed by (Signature) Date 12/8/1 Time 3	Received by: (Signature)	Date 12/9		Time	30			office.	0			
Relinquished by: (Signature) Date Time	Received by: (Signature)	Date		Time	30	<u>T</u>		,	<u>T2</u>			<u>T3</u>
		No.				A	VG Ter	np°C_L	1			and the second
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other		Container	Туре	: g - g	glass, p	- poly	/plastic	, ag - amb	er glas	s, v - V	OA	
Note: Samples are discarded 30 days after results are reported unless other only to those samples received by the laboratory with this COC. The liabilit	arrangements are made. Hazardous samples will be y of the laboratory is limited to the amount paid for o	returned to cl in the report.	ient or	dispos	ed of at	the clie	nt expens	e. The repor	t for the	analysi	s of the abo	we samples is applicable
(Benvirotech	195 US Highway 54 Farmington, NM 27401 4 Hour-Emargancy Response Findre 1600 (2021)272				F-	535: 50	1-13E1 =a	:505) 692-188	55	-		otech-inc.com

Project Information	Chain of (Custody						²		ex.	T	Page Z of
Client: SMAA Project: Ch E494 Perall	Bill To					b Use			T,	ÅT	E	PA Program
Project: 25 0994 Peruta	Attention:		Lab	WO#	100	1 Jo	b Nun	nber	1D	3D	RCRA	CWA SDWA
Address:	Address: City, State, Zip		PE	110	102			e-0001		1	T. ALCOND	
City, State, Zip	Phone:		-		-	An	alysis a	and Metho		1		State
Phone: ACHLON MAYIN	Leff Email:	Tala Ingely	5	5								NM CO UT AZ
Email: Polloc TIFIAw			108	108	-		0					TX OK
Report due by:			4 O)	(Q p)	802	8260	300		WN.	×		
Time Date Matrix No Containers Sam	nple ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0		BGDOC	BGDOC -		Remarks
103812/6/21 5012 1	CHSWE-11	11							X			
1040	V 12	12							*			
1045 1 0	CH SWW-13	13	32									
1047 1	1 14	14										
1050 1	15	15										
1055 1	1.6	110	1328									
1100 1	V 17	17										
107 1 0	CHNEW - 18	18										
1115 I C	HSEW-19	19										
20-1158 V + 39 C	HSP-20-58- ALA12/0/21	20							N			
Additional Instructions:												
time of collection is considered fraud and may be grounds for leg	mple. I am aware that tampering with or intentionally mislabelling the sample loca gal action. Sampled by:	tion, date or				Sam	ples requir wed backe	ing thermal press d in ice at an avg	ervation m temp abov	ust be re ve 0 but	reerved on ice the less than 6 [°] C on	eday they are sampled or subsequent days
Relingdished by: (Signature) Mill 12/8	21 Time, 100 Refered by: (SigneDure)	Date	-21		. 02	> Re	ceive	d on ice:		b Us	e Only	
Relinquished by (Signature)	PI 1630 Beceived by: (Signature)	Date 196		Time	30	T1			<u>T2</u>			<u>T3</u>
Relinquished by: (Signature) Date 1	include of the Bridget	Date		Time				np°c_4				
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueou.		Container	r Type:	g-g	lass, p	o - poly,	plastic	, ag - amb	er glas	s, v -	VOA	
only to those samples received by the laboratory with the	ported unless other arrangements are made. Hazardous samples will be r is COC. The liability of the laboratory is limited to the amount paid for o	n the report	lient or c	dispose	ed of at	the clier	t expens	e The repor	t for the	analy	sis of the abo	we samples is applicable
envirote	ech station and the second station and the second station of the s				÷	1. 1.		s.: 0:	3			ntech-inc.com

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5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

Analytical Report

Souder Miller Associates - Carlsbad

Project Name:

Chessapeak

Work Order: E112040

Job Number: 19026-0001

Received: 12/9/2021

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/12/21

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)
Date Reported: 12/12/21

Ashley Maxwell 201 S Halagueno St. Carlsbad, NM 88220

Project Name: Chessapeak Workorder: E112040 Date Received: 12/9/2021 12:00:00PM

Ashley Maxwell,



Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/9/2021 12:00:00PM, under the Project Name: Chessapeak.

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

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

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

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

Respectfully,

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Sample Summary

		Sample Sum	mary		
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	Chessapeak 19026-0001 Ashley Maxwell		Reported: 12/12/21 09:47
lient Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
HSP-21	E112040-01A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
HSP-22	E112040-02A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
HSP-23	E112040-03A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
HSP-24	E112040-04A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
HSP-25	E112040-05A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
HSP-26	E112040-06A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
HSP-27	E112040-07A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
HSP-28	E112040-08A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
HSP-29	E112040-09A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
HSP-30	E112040-10A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
CHSP-31	E112040-11A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
HSP-32	E112040-12A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
HSP-33	E112040-13A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
HSP-34	E112040-14A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
HSP-35	E112040-15A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
HSP-36	E112040-16A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
HSP-37	E112040-17A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
HSP-38	E112040-18A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
HSP-39	E112040-19A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.
HSP-40	E112040-20A	Soil	12/06/21	12/09/21	Glass Jar, 4 oz.



		imple D	uu					
Souder Miller Associates - Carlsbad	Project Name: Chessapeak Project Number: 19026-0001							
201 S Halagueno St. Carlsbad NM, 88220	Project Numbe Project Manag		26-0001 ley Maxwe	11			Reported: 12/12/2021 9:47:27AM	
Calisbau Nivi, 88220	Floject Mailag	ci. Asii	iey maxwe	11			12/12/2021 9.4/.2/AW	
		CHSP-21						
		E112040-01						
		Reporting						
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150039	
Benzene	ND	0.0250		1	12/10/21	12/10/21		
Ethylbenzene	ND	0.0250		1	12/10/21	12/10/21		
Toluene	ND	0.0250		1	12/10/21	12/10/21		
p-Xylene	ND	0.0250		1	12/10/21	12/10/21		
o,m-Xylene	0.0600	0.0500		1	12/10/21	12/10/21		
Total Xylenes	0.0600	0.0250		1	12/10/21	12/10/21		
Surrogate: Bromofluorobenzene		107 %	70-130		12/10/21	12/10/21		
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		12/10/21	12/10/21		
Surrogate: Toluene-d8		98.6 %	70-130		12/10/21	12/10/21		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	mg/kg Ai		RKS		Batch: 2150039	
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/10/21		
Surrogate: Bromofluorobenzene		107 %	70-130		12/10/21	12/10/21		
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		12/10/21	12/10/21		
Surrogate: Toluene-d8		98.6 %	70-130		12/10/21	12/10/21		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg A		RKS		Batch: 2150046	
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/10/21		
Dil Range Organics (C28-C36)	ND	50.0		1	12/10/21	12/10/21		
Surrogate: n-Nonane		115 %	50-200		12/10/21	12/10/21		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2150045	
Chloride	ND	20.0		1	12/10/21	12/10/21		

Sample Data



	S	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St.	Project Name Project Numb	ber: 1902	ssapeak 26-0001				Reported:
Carlsbad NM, 88220	Project Mana	ger: Ashi	ey Maxw	ell			12/12/2021 9:47:27AM
		CHSP-22					
		E112040-02					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2150039
Benzene	ND	0.0250		1	12/10/21	12/10/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/10/21	
Toluene	ND	0.0250		1	12/10/21	12/10/21	
p-Xylene	ND	0.0250		1	12/10/21	12/10/21	
p,m-Xylene	ND	0.0500		1	12/10/21	12/10/21	
Total Xylenes	ND	0.0250		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		103 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		98.0 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2150039
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		103 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		98.0 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	RKS		Batch: 2150046
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/10/21	
Oil Range Organics (C28-C36)	ND	50.0		1	12/10/21	12/10/21	
Surrogate: n-Nonane		116 %	50-200		12/10/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2150045
Chloride	ND	20.0		1	12/10/21	12/10/21	



	S	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name Project Numb Project Manag	er: 1902	ssapeak 26-0001 ley Maxwo	ell			Reported: 12/12/2021 9:47:27AM
		CHSP-23					
		E112040-03					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2150039
Benzene	ND	0.0250		1	12/10/21	12/10/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/10/21	
Toluene	ND	0.0250		1	12/10/21	12/10/21	
o-Xylene	ND	0.0250		1	12/10/21	12/10/21	
p,m-Xylene	ND	0.0500		1	12/10/21	12/10/21	
Total Xylenes	ND	0.0250		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		109 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		99.3 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2150039
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		109 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		99.3 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RKS		Batch: 2150046	
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/10/21	
Oil Range Organics (C28-C36)	ND	50.0		1	12/10/21	12/10/21	
Surrogate: n-Nonane		118 %	50-200		12/10/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2150045
Chloride	ND	20.0		1	12/10/21	12/10/21	



	S	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St.	Project Name Project Numb		ssapeak 26-0001		Reported:		
Carlsbad NM, 88220	Project Mana		ley Maxwe	ell			12/12/2021 9:47:27AM
		CHSP-24					
		E112040-04					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150039
Benzene	ND	0.0250		1	12/10/21	12/10/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/10/21	
Toluene	ND	0.0250		1	12/10/21	12/10/21	
p-Xylene	ND	0.0250		1	12/10/21	12/10/21	
p,m-Xylene	ND	0.0500		1	12/10/21	12/10/21	
Total Xylenes	ND	0.0250		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		105 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		92.4 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		101 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2150039
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		105 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		92.4 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		101 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150046
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/10/21	
Oil Range Organics (C28-C36)	ND	50.0		1	12/10/21	12/10/21	
Surrogate: n-Nonane		114 %	50-200		12/10/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2150045
Chloride	ND	20.0		1	12/10/21	12/10/21	



Sample Data											
Souder Miller Associates - Carlsbad	Project Name	e: Che	ssapeak								
201 S Halagueno St.	Project Num	ber: 1902	26-0001				Reported:				
Carlsbad NM, 88220	Project Mana	ager: Ash	ley Maxw	ell			12/12/2021 9:47:27AM				
		CHSP-25									
		E112040-05									
		Reporting									
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes				
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2150039				
Benzene	ND	0.0250		1	12/10/21	12/10/21					
Ethylbenzene	ND	0.0250		1	12/10/21	12/10/21					
Toluene	ND	0.0250		1	12/10/21	12/10/21					
p-Xylene	ND	0.0250		1	12/10/21	12/10/21					
p,m-Xylene	ND	0.0500		1	12/10/21	12/10/21					
Total Xylenes	ND	0.0250		1	12/10/21	12/10/21					
Surrogate: Bromofluorobenzene		94.6 %	70-130		12/10/21	12/10/21					
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130		12/10/21	12/10/21					
Surrogate: Toluene-d8		99.9 %	70-130		12/10/21	12/10/21					
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2150039				
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/10/21					
Surrogate: Bromofluorobenzene		94.6 %	70-130		12/10/21	12/10/21					
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130		12/10/21	12/10/21					
Surrogate: Toluene-d8		99.9 %	70-130		12/10/21	12/10/21					
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RKS			Batch: 2150046				
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/10/21					
Oil Range Organics (C28-C36)	ND	50.0		1	12/10/21	12/10/21					
Surrogate: n-Nonane		114 %	50-200		12/10/21	12/10/21					
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2150045				
Chloride	ND	20.0		1	12/10/21	12/10/21					



	S	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St.	Project Name Project Numb		ssapeak 26-0001				Reported:
Carlsbad NM, 88220	Project Mana	ger: Ash	ey Maxw	ell			12/12/2021 9:47:27AM
		CHSP-26					
		E112040-06					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2150039
Benzene	ND	0.0250		1	12/10/21	12/10/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/10/21	
Toluene	ND	0.0250		1	12/10/21	12/10/21	
p-Xylene	ND	0.0250		1	12/10/21	12/10/21	
p,m-Xylene	ND	0.0500		1	12/10/21	12/10/21	
Total Xylenes	ND	0.0250		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		97.3 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		99.6 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2150039
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		97.3 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		99.6 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	RKS		Batch: 2150046
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/10/21	
Oil Range Organics (C28-C36)	ND	50.0		1	12/10/21	12/10/21	
Surrogate: n-Nonane		118 %	50-200		12/10/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	IY		Batch: 2150045
Chloride	ND	20.0		1	12/10/21	12/10/21	



	S	Sample D	ata				
Souder Miller Associates - Carlsbad							
201 S Halagueno St.	Project Num		26-0001	11			Reported: 12/12/2021 9:47:27AM
Carlsbad NM, 88220	Project Mana	ager: Ash	ley Maxw	ell			12/12/2021 9:47:27AM
		CHSP-27					
		E112040-07					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150039
Benzene	ND	0.0250		1	12/10/21	12/10/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/10/21	
Toluene	ND	0.0250		1	12/10/21	12/10/21	
p-Xylene	ND	0.0250		1	12/10/21	12/10/21	
o,m-Xylene	ND	0.0500		1	12/10/21	12/10/21	
Total Xylenes	ND	0.0250		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		96.9 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		97.0 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2150039
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		96.9 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		97.0 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	ng/kg Analyst: RKS			Batch: 2150046	
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/10/21	
Dil Range Organics (C28-C36)	ND	50.0		1	12/10/21	12/10/21	
Surrogate: n-Nonane		116 %	50-200		12/10/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: IY		Batch: 2150045
Chloride	ND	20.0		1	12/10/21	12/10/21	



	S	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name Project Numb Project Mana	ber: 1902	ssapeak 26-0001 ley Maxwo	ell			Reported: 12/12/2021 9:47:27AM
	-	CHSP-28	-				
		E112040-08					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2150039
Benzene	ND	0.0250		1	12/10/21	12/10/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/10/21	
Toluene	ND	0.0250		1	12/10/21	12/10/21	
o-Xylene	ND	0.0250		1	12/10/21	12/10/21	
p,m-Xylene	ND	0.0500		1	12/10/21	12/10/21	
Total Xylenes	ND	0.0250		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		95.2 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		98.5 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2150039
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		95.2 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		98.5 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	/kg Analyst: RKS			Batch: 2150046	
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/10/21	
Oil Range Organics (C28-C36)	ND	50.0		1	12/10/21	12/10/21	
Surrogate: n-Nonane		114 %	50-200		12/10/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	IY		Batch: 2150045
Chloride	ND	20.0		1	12/10/21	12/10/21	



	S	ample D	ata				
Souder Miller Associates - Carlsbad	Project Name		ssapeak 26-0001				D (1
201 S Halagueno St. Carlsbad NM, 88220	Project Numb Project Mana		ey Maxwe	-11			Reported: 12/12/2021 9:47:27AM
Carisbad NM, 88220	Project Mana	ger: Asin	ey Maxwe				12/12/2021 9.4/.2/AM
		CHSP-29					
		E112040-09					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2150039
Benzene	ND	0.0250		1	12/10/21	12/10/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/10/21	
Toluene	ND	0.0250		1	12/10/21	12/10/21	
p-Xylene	ND	0.0250		1	12/10/21	12/10/21	
p,m-Xylene	ND	0.0500		1	12/10/21	12/10/21	
Total Xylenes	ND	0.0250		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		96.5 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		100 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2150039	
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		96.5 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		100 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2150046
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/10/21	
Dil Range Organics (C28-C36)	ND	50.0		1	12/10/21	12/10/21	
Surrogate: n-Nonane		117 %	50-200		12/10/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2150045
Chloride	ND	20.0		1	12/10/21	12/10/21	



	S	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St.	Project Name Project Numb	ber: 1902	ssapeak 26-0001	-11			Reported: 12/12/2021 9:47:27AM
Carlsbad NM, 88220	Project Mana	-	ley Maxw	ell			12/12/2021 9:47:27AM
		CHSP-30 E112040-10					
Analyte	Result	Reporting Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2150039
Benzene	ND	0.0250		1	12/10/21	12/10/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/10/21	
Toluene	ND	0.0250		1	12/10/21	12/10/21	
o-Xylene	ND	0.0250		1	12/10/21	12/10/21	
p,m-Xylene	ND	0.0500		1	12/10/21	12/10/21	
Total Xylenes	ND	0.0250		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		96.2 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		99.1 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2150039
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		96.2 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		99.1 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2150046
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/10/21	
Oil Range Organics (C28-C36)	79.3	50.0		1	12/10/21	12/10/21	
Surrogate: n-Nonane		116 %	50-200		12/10/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2150045
Chloride	152	20.0		1	12/10/21	12/10/21	



	S	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St.	Project Name Project Numb	ber: 1902	ssapeak 26-0001				Reported:
Carlsbad NM, 88220	Project Mana	iger: Ashi	ley Maxw	ell			12/12/2021 9:47:27AM
		CHSP-31					
		E112040-11					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2150039
Benzene	ND	0.0250		1	12/10/21	12/10/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/10/21	
Toluene	ND	0.0250		1	12/10/21	12/10/21	
p-Xylene	ND	0.0250		1	12/10/21	12/10/21	
p,m-Xylene	ND	0.0500		1	12/10/21	12/10/21	
Total Xylenes	ND	0.0250		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		97.1 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		100 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2150039
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		97.1 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		100 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2150046
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/10/21	
Dil Range Organics (C28-C36)	78.4	50.0		1	12/10/21	12/10/21	
Surrogate: n-Nonane		115 %	50-200		12/10/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2150045
Chloride	76.4	20.0		1	12/10/21	12/10/21	



	S	ample D	ata				
Souder Miller Associates - Carlsbad	Project Name		ssapeak				
201 S Halagueno St.	Project Numl		26-0001				Reported:
Carlsbad NM, 88220	Project Mana	iger: Ashi	ey Maxw	ell			12/12/2021 9:47:27AM
		CHSP-32					
		E112040-12					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2150039
Benzene	ND	0.0250		1	12/10/21	12/10/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/10/21	
Toluene	ND	0.0250		1	12/10/21	12/10/21	
p-Xylene	ND	0.0250		1	12/10/21	12/10/21	
p,m-Xylene	ND	0.0500		1	12/10/21	12/10/21	
Total Xylenes	ND	0.0250		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		96.8 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		99.5 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150039
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		96.8 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		99.5 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150046
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/10/21	
Dil Range Organics (C28-C36)	ND	50.0		1	12/10/21	12/10/21	
Surrogate: n-Nonane		113 %	50-200		12/10/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2150045
Chloride	ND	20.0		1	12/10/21	12/10/21	



	S	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name Project Numb Project Manaş	er: 1902	ssapeak 26-0001 ley Maxwo	ell			Reported: 12/12/2021 9:47:27AM
		CHSP-33					
		E112040-13					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2150039
Benzene	ND	0.0250		1	12/10/21	12/10/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/10/21	
Toluene	ND	0.0250		1	12/10/21	12/10/21	
o-Xylene	ND	0.0250		1	12/10/21	12/10/21	
p,m-Xylene	ND	0.0500		1	12/10/21	12/10/21	
Total Xylenes	ND	0.0250		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		99.4 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		101 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2150039
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		99.4 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		101 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2150046
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/10/21	
Oil Range Organics (C28-C36)	88.9	50.0		1	12/10/21	12/10/21	
Surrogate: n-Nonane		119 %	50-200		12/10/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2150045
Chloride	63.2	20.0		1	12/10/21	12/10/21	



	S	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name Project Numb Project Manag	er: 1902	ssapeak 26-0001 ley Maxw	ell			Reported: 12/12/2021 9:47:27AM
		CHSP-34					
		E112040-14					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2150039
Benzene	ND	0.0250		1	12/10/21	12/10/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/10/21	
Toluene	ND	0.0250		1	12/10/21	12/10/21	
o-Xylene	ND	0.0250		1	12/10/21	12/10/21	
p,m-Xylene	ND	0.0500		1	12/10/21	12/10/21	
Total Xylenes	ND	0.0250		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		96.0 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		99.7 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2150039
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		96.0 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		99.7 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	RKS		Batch: 2150046
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/10/21	
Oil Range Organics (C28-C36)	55.6	50.0		1	12/10/21	12/10/21	
Surrogate: n-Nonane		116 %	50-200		12/10/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	IY		Batch: 2150045
Chloride	51.6	20.0		1	12/10/21	12/10/21	



	S	ample D	ata				
Souder Miller Associates - Carlsbad	Project Name		ssapeak				D
201 S Halagueno St.	Project Numb		26-0001	- 11			Reported: 12/12/2021 9:47:27AM
Carlsbad NM, 88220	Project Mana	ger: Asn	ey Maxw	en			12/12/2021 9:47:27AM
		CHSP-35					
		E112040-15					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150039
Benzene	ND	0.0250		1	12/10/21	12/10/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/10/21	
Toluene	ND	0.0250		1	12/10/21	12/10/21	
p-Xylene	ND	0.0250		1	12/10/21	12/10/21	
p,m-Xylene	ND	0.0500		1	12/10/21	12/10/21	
Total Xylenes	ND	0.0250		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		96.5 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		100 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150039
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		96.5 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		100 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150046
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/10/21	
Dil Range Organics (C28-C36)	ND	50.0		1	12/10/21	12/10/21	
Surrogate: n-Nonane		116 %	50-200		12/10/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: IY		Batch: 2150045
Chloride	ND	20.0		1	12/10/21	12/10/21	



	S	ample D	ata				
Souder Miller Associates - Carlsbad	Project Name		ssapeak				
201 S Halagueno St.	Project Numb		26-0001	11			Reported:
Carlsbad NM, 88220	Project Mana	ger: Ash	ley Maxw	ell			12/12/2021 9:47:27AM
		CHSP-36					
		E112040-16					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2150039
Benzene	ND	0.0250		1	12/10/21	12/10/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/10/21	
Toluene	ND	0.0250		1	12/10/21	12/10/21	
p-Xylene	ND	0.0250		1	12/10/21	12/10/21	
p,m-Xylene	ND	0.0500		1	12/10/21	12/10/21	
Total Xylenes	ND	0.0250		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		96.0 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		99.7 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2150039
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		96.0 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		99.7 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	RKS		Batch: 2150046
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/10/21	
Oil Range Organics (C28-C36)	ND	50.0		1	12/10/21	12/10/21	
Surrogate: n-Nonane		116 %	50-200		12/10/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2150045
Chloride	ND	20.0		1	12/10/21	12/10/21	



	S	ample D	ata				
Souder Miller Associates - Carlsbad	Project Name		ssapeak				
201 S Halagueno St.	Project Numl		26-0001				Reported:
Carlsbad NM, 88220	Project Mana	ager: Ash	ley Maxw	ell			12/12/2021 9:47:27AM
		CHSP-37					
		E112040-17					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2150039
Benzene	ND	0.0250		1	12/10/21	12/10/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/10/21	
Toluene	ND	0.0250		1	12/10/21	12/10/21	
p-Xylene	ND	0.0250		1	12/10/21	12/10/21	
p,m-Xylene	ND	0.0500		1	12/10/21	12/10/21	
Total Xylenes	ND	0.0250		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		103 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		98.0 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150039
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		103 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		98.0 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150046
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/10/21	
Dil Range Organics (C28-C36)	ND	50.0		1	12/10/21	12/10/21	
Surrogate: n-Nonane		117 %	50-200		12/10/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2150045
Chloride	ND	20.0		1	12/10/21	12/10/21	



	S	ample D	ata				
Souder Miller Associates - Carlsbad	Project Name		ssapeak				
201 S Halagueno St.	Project Numb		26-0001	11			Reported:
Carlsbad NM, 88220	Project Manag	ger: Ash	ey Maxw	ell			12/12/2021 9:47:27AM
		CHSP-38					
		E112040-18					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2150039
Benzene	ND	0.0250		1	12/10/21	12/10/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/10/21	
Toluene	ND	0.0250		1	12/10/21	12/10/21	
p-Xylene	ND	0.0250		1	12/10/21	12/10/21	
p,m-Xylene	ND	0.0500		1	12/10/21	12/10/21	
Total Xylenes	ND	0.0250		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		103 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		99.3 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2150039
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		103 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		99.3 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	RKS		Batch: 2150046
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/10/21	
Oil Range Organics (C28-C36)	ND	50.0		1	12/10/21	12/10/21	
Surrogate: n-Nonane		118 %	50-200		12/10/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	IY		Batch: 2150045
Chloride	ND	20.0		1	12/10/21	12/10/21	



	S	ample D	ata				
Souder Miller Associates - Carlsbad	Project Name		ssapeak				D (1
201 S Halagueno St.	Project Numb		26-0001	-11			Reported: 12/12/2021 9:47:27AM
Carlsbad NM, 88220	Project Mana	ger: Asn	ey Maxwo	en			12/12/2021 9:47:27AM
		CHSP-39					
		E112040-19					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2150039
Benzene	ND	0.0250		1	12/10/21	12/10/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/10/21	
Toluene	ND	0.0250		1	12/10/21	12/10/21	
p-Xylene	ND	0.0250		1	12/10/21	12/10/21	
o,m-Xylene	ND	0.0500		1	12/10/21	12/10/21	
Total Xylenes	ND	0.0250		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		105 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		98.8 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150039
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		105 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		98.8 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150046
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/10/21	
Dil Range Organics (C28-C36)	ND	50.0		1	12/10/21	12/10/21	
Surrogate: n-Nonane		118 %	50-200		12/10/21	12/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2150045
Chloride	ND	20.0		1	12/10/21	12/10/21	



	S	ample D	ata				
Souder Miller Associates - Carlsbad	Project Name		ssapeak				
201 S Halagueno St.	Project Num		26-0001				Reported:
Carlsbad NM, 88220	Project Mana	iger: Ash	ey Maxw	ell			12/12/2021 9:47:27AM
		CHSP-40					
		E112040-20					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2150039
Benzene	ND	0.0250		1	12/10/21	12/10/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/10/21	
Toluene	ND	0.0250		1	12/10/21	12/10/21	
o-Xylene	ND	0.0250		1	12/10/21	12/10/21	
o,m-Xylene	ND	0.0500		1	12/10/21	12/10/21	
Total Xylenes	ND	0.0250		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		104 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		98.5 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2150039
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		104 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		98.5 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	RKS		Batch: 2150046
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/11/21	
Dil Range Organics (C28-C36)	ND	50.0		1	12/10/21	12/11/21	
Surrogate: n-Nonane		119 %	50-200		12/10/21	12/11/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2150045
Chloride	ND	20.0		1	12/10/21	12/10/21	



QC Summary Data

		X U V		ir y Data					
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	19	nessapeak 026-0001 shley Maxwell				12	Reported: /12/2021 9:47:27AM
Carisbau NM, 88220		Floject Manager.	As	silley Maxwell				12	12/2021 9.47.27AW
	۷	olatile Organic	Compo	unds by EPA	A 82601	B			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2150039-BLK1)							Prepared: 12	2/10/21 Ana	lyzed: 12/10/21
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.527		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.4	70-130			
LCS (2150039-BS1)							Prepared: 12	2/10/21 Ana	lyzed: 12/10/21
Benzene	2.68	0.0250	2.50		107	70-130			
Ethylbenzene	2.68	0.0250	2.50		107	70-130			
Toluene	2.65	0.0250	2.50		106	70-130			
p-Xylene	2.49	0.0250	2.50		99.6	70-130			
p,m-Xylene	5.25	0.0500	5.00		105	70-130			
Total Xylenes	7.74	0.0250	7.50		103	70-130			
Surrogate: Bromofluorobenzene	0.528		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.521		0.500		104	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.3	70-130			
LCS Dup (2150039-BSD1)							Prepared: 12	2/10/21 Ana	lyzed: 12/10/21
Benzene	2.72	0.0250	2.50		109	70-130	1.57	23	
Ethylbenzene	2.75	0.0250	2.50		110	70-130	2.60	27	
Toluene	2.71	0.0250	2.50		108	70-130	2.11	24	
p-Xylene	2.55	0.0250	2.50		102	70-130	2.42	27	
p,m-Xylene	5.41	0.0500	5.00		108	70-130	2.92	27	
Total Xylenes	7.96	0.0250	7.50		106	70-130	2.76	27	
Surrogate: Bromofluorobenzene	0.527		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		99.9	70-130			



QC Summary Data

		QC D	umm	ary Data					
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager:		Chessapeak 19026-0001 Ashley Maxwell					Reported: 12/12/2021 9:47:27AM
	No	onhalogenated O	rganic	s by EPA 801	5D - G	RO			Analyst: RKS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2150039-BLK1)							Prepared: 1	2/10/21	Analyzed: 12/10/21
Gasoline Range Organics (C6-C10)	ND	20.0					i i opiniour i		
Surrogate: Bromofluorobenzene	0.527		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.4	70-130			
LCS (2150039-BS2)							Prepared: 1	2/10/21	Analyzed: 12/10/21
Gasoline Range Organics (C6-C10)	53.0	20.0	50.0		106	70-130			
Surrogate: Bromofluorobenzene	0.543		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.509		0.500		102	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			
LCS Dup (2150039-BSD2)							Prepared: 1	2/10/21	Analyzed: 12/10/21
Gasoline Range Organics (C6-C10)	55.9	20.0	50.0		112	70-130	5.41	20	
Surrogate: Bromofluorobenzene	0.535		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.516		0.500		103	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			



QC Summary Data

		QC D		aly Data					
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	1	Chessapeak 9026-0001 Ashley Maxwell					Reported: 12/12/2021 9:47:27AM
	Nonh	alogenated Org	anics by	EPA 8015D	- DRO	/ORO			Analyst: RKS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	
Blank (2150046-BLK1)							Prepared: 1	12/10/21	Analyzed: 12/10/21
Diesel Range Organics (C10-C28)	ND	25.0							-
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	59.5		50.0		119	50-200			
LCS (2150046-BS1)							Prepared: 1	12/10/21	Analyzed: 12/10/21
Diesel Range Organics (C10-C28)	488	25.0	500		97.6	38-132			
Surrogate: n-Nonane	56.0		50.0		112	50-200			
Matrix Spike (2150046-MS1)				Source: E	112040-0)1	Prepared: 1	2/10/21	Analyzed: 12/10/21
Diesel Range Organics (C10-C28)	488	25.0	500	ND	97.7	38-132			
Surrogate: n-Nonane	58.3		50.0		117	50-200			
Matrix Spike Dup (2150046-MSD1)				Source: E	112040-0)1	Prepared: 1	2/10/21	Analyzed: 12/10/21
Diesel Range Organics (C10-C28)	471	25.0	500	ND	94.2	38-132	3.60	20	
Surrogate: n-Nonane	56.8		50.0		114	50-200			

QC Summary Data

				v					
Souder Miller Associates - Carlsbad	Project Name:		Thessapeak					Reported:	
201 S Halagueno St.		Project Number:	1	9026-0001					
Carlsbad NM, 88220		Project Manager:	A	shley Maxwel	1				12/12/2021 9:47:27AM
		Anions	by EPA	300.0/90564	٨				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2150045-BLK1)							Prepared: 1	2/10/21	Analyzed: 12/10/21
Chloride	ND	20.0							
LCS (2150045-BS1)							Prepared: 1	2/10/21	Analyzed: 12/10/21
Chloride	250	20.0	250		100	90-110			
LCS Dup (2150045-BSD1)							Prepared: 1	2/10/21	Analyzed: 12/10/21
Chloride	250	20.0	250		99.8	90-110	0.208	20	

QC Summary Report Comment:

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



Souder Miller Associates - Carlsbad	Project Name:	Chessapeak	
201 S Halagueno St.	Project Number:	19026-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	12/12/21 09:47

ND Analyte NOT DETECTED at or above	the reporting limit
-------------------------------------	---------------------

- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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



oject information	Chain of Custody							20	rat	-	Page	<u>1</u> of
lent: >/1/4	Bill To			La	o Usi	e Onh	/	T T/	AT I	El	PA Progra	m
oject: Chesija Perila Attention:		Lab W	VO#				umber			RCRA	CWA	SDWA
ddress: Address: City, State, Zip		PE	112	0		190	is and Metho	OL			C+-	ate
tv. State, Zip Phone:		AMI	-	261	Í	401alys	is and weind			1		
mail: Ashley Maxwell Email:		510	\$108								NM CO	
eport due by:			by R(10	9	10	0.00	MMN		10. W	TX OK	
Terra Data	Lab	080/	GRO/DRO by	011X by 8021	VOC by 8260	Metals 6010	Chloride 300.0	1. 1. 1. 1. 1. 1.	XL-3X			
Sampled Sampled Matrix Sample ID	Number	DRU,	GRO	810	VOC	Metu	Chito	20008	BIGDC		Ren	marks
120 14/14 Soil CHSP-20 AM	12/10/21							X				
1121 11/1468-21	1							X				
$\frac{1}{122} \qquad 1 CH = 27$ $\frac{1}{123} \qquad 1 CH = 87 - 27$ $\frac{1}{123} \qquad 1 CH = 87 - 23$	2							X				
1123 1 CHSP-23	3							X				123 See
1124 1 61499-24	Ц							X				
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	5							X				
1126 I C1+519-26	6							X				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	7							X				
1128 1 CH98-28	8							X				
429 1 6 # 58-9-9	9							X	<u> </u>			
Additional Instructions:												
, (field sampler), attest to the validity and authentions of this sample. I am aware that tampering with or intertionally i time of valientigh is considered fraud and may be grounds for lease action. Sampled by	nic abelling the semble location deteror						radukting thermology packed in scalar a	ng namo at	ione Court	tives than 6 °C :		
Received by (Senature)	ubl a 9	21	Tione 12 Tione	2:0	0	Rece	ived on ice	10- 2000		se Only I		
						<u>T1</u>		<u>T2</u>			<u>13</u>	
Relinquished by: (Signature) Date Time Received by: (Sign	ature) Date		Time.			AVG	Temp °C_	4				
ample Matrix: \$ - Soll. Sd - Solid. Sg - Sludge, A - Aqueous, O - Other	Containe	r Type	E -1	glass.	p - p	oly/pl	astic, ag - an	iber gl	855, V	-VOA		

Page 102 of 149

Re	City, State, Zip		EII	204	10	\sim t	Ana!	ysis and M	viethod	
eased to Imaging: 51	Phone: Email:	Lab	RO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC - NM	BGDOC - TX
Sample ID		Number	DRO/	GRO,	BTEX	VOC	Meta	Chlo	BGD	BGDK
CHSI	2-30	10							X	
CHIP	- 31	11							X	
CHGP	- 32	12							X	,
G. Ft 9/	7 33	13							X	of 33
C 1451	- 34	14							X	Page 32 of 33
CIESP	- 35	15					100		X	
CHEP	- 36	16							X	
CHSP	- 37					48			X	
CIESP	- 38	18							X	•
CHIP	- 39	19							X	
CHSP-	40	20							X	
afthic completion and	that is meaning with or intentionally i	alyatteral	6	0/9/	31 12	2:00	ISamole	s requiring the	1°c Rouce	Musta Lon

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

ient:	Souder Miller Associates - Carlsbad Da	te Received:	12/09/21 1	2:00	Work Order ID: E112040
Phone:	(505) 325-7535 Da	te Logged In:	12/09/21 1	1:32	Logged In By: Jessica Liesse
Email:	ashley.maxwell@soudermiller.com Du	e Date:	12/09/21 1	7:00 (0 day TAT)
Chain o	f Custody (COC)				
1. Does t	the sample ID match the COC?		Yes		
2. Does 1	the number of samples per sampling site location match t	he COC	No		
3. Were	samples dropped off by client or carrier?		Yes	Carrier:	Fed Ex
4. Was tl	he COC complete, i.e., signatures, dates/times, requested	analyses?	Yes		
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	field,	Yes		Comments/Resolution
Sample	Turn Around Time (TAT)				
	e COC indicate standard TAT, or Expedited TAT?		Yes		58 samples were received, Originally there
Sample	· •				were COC pages 1 and 2 for all
_	sample cooler received?		Yes		samples. The COC has been remade by
	, was cooler received in good condition?		Yes		client and is now 1 of 6 COC pages.Due to
9. Was tl	he sample(s) received intact, i.e., not broken?		Yes		1.0
10. Were	e custody/security seals present?		No		sample amount this project has been split
11. If ye	s, were custody/security seals intact?		NA		into 3 seperate workorders as
12. Was t	he sample received on ice? If yes, the recorded temp is 4°C, i.e., Note: Thermal preservation is not required, if samples are rec minutes of sampling		Yes		follows:E112031-E112040-E112041
13. If no	visible ice, record the temperature. Actual sample tem	perature: <u>4</u> °	<u>C</u>		
Sample	<u>Container</u>				
14. Are a	aqueous VOC samples present?		No		
15. Are '	VOC samples collected in VOA Vials?		NA		
16. Is the	e head space less than 6-8 mm (pea sized or less)?		NA		
17. Was	a trip blank (TB) included for VOC analyses?		NA		
	non-VOC samples collected in the correct containers?		Yes		
	appropriate volume/weight or number of sample containers	collected?	Yes		
Field La					
	e field sample labels filled out with the minimum informa Sample ID?	ation:	Yes		
	Date/Time Collected?		Yes		
	Collectors name?		No		
Sample	Preservation				
21. Does	s the COC or field labels indicate the samples were prese	rved?	No		
	sample(s) correctly preserved?		NA		
24. Is lat	b filteration required and/or requested for dissolved meta	ls?	No		
-	ase Sample Matrix				
	s the sample have more than one phase, i.e., multiphase?		No		
27. If ye	s, does the COC specify which phase(s) is to be analyzed	!?	NA		
Subcont	ract Laboratory				
28. Are s	samples required to get sent to a subcontract laboratory?		No		
29. Was	a subcontract laboratory specified by the client and if so	who?	NA	Subcontract La	ab: NA
Client I	Instruction				

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



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5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Souder Miller Associates - Carlsbad

Project Name:

Chessapeak

Work Order: E112041

Job Number: 19026-0001

Received: 12/9/2021

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/13/21

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 12/13/21

Ashley Maxwell 201 S Halagueno St. Carlsbad, NM 88220

Project Name: Chessapeak Workorder: E112041 Date Received: 12/9/2021 12:00:00PM

Ashley Maxwell,



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Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/9/2021 12:00:00PM, under the Project Name: Chessapeak.

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

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

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

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

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

		Sample Sum	mary		
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	Chessapeak 19026-0001 Ashley Maxwell		Reported: 12/13/21 16:34
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CHSP-41	E112041-01A	Solid	12/06/21	12/09/21	Glass Jar, 4 oz.
CHSP-42	E112041-02A	Solid	12/06/21	12/09/21	Glass Jar, 4 oz.
CHSP-43	E112041-03A	Solid	12/06/21	12/09/21	Glass Jar, 4 oz.
CHSP-44	E112041-04A	Solid	12/06/21	12/09/21	Glass Jar, 4 oz.
CHSP-45	E112041-05A	Solid	12/06/21	12/09/21	Glass Jar, 4 oz.
CHSP-46	E112041-06A	Solid	12/06/21	12/09/21	Glass Jar, 4 oz.
CHSP-47	E112041-07A	Solid	12/06/21	12/09/21	Glass Jar, 4 oz.
CHSP-48	E112041-08A	Solid	12/06/21	12/09/21	Glass Jar, 4 oz.
CHSP-49	E112041-09A	Solid	12/06/21	12/09/21	Glass Jar, 4 oz.
CHSP-50	E112041-10A	Solid	12/06/21	12/09/21	Glass Jar, 4 oz.
CHSP-51	E112041-11A	Solid	12/06/21	12/09/21	Glass Jar, 4 oz.
CHSP-52	E112041-12A	Solid	12/06/21	12/09/21	Glass Jar, 4 oz.
CHSP-53	E112041-13A	Solid	12/06/21	12/09/21	Glass Jar, 4 oz.
CHSP-54	E112041-14A	Solid	12/06/21	12/09/21	Glass Jar, 4 oz.
CHSP-55	E112041-15A	Solid	12/06/21	12/09/21	Glass Jar, 4 oz.
CHSP-56	E112041-16A	Solid	12/06/21	12/09/21	Glass Jar, 4 oz.
CHSP-57	E112041-17A	Solid	12/06/21	12/09/21	Glass Jar, 4 oz.
CHSP-58	E112041-18A	Solid	12/06/21	12/09/21	Glass Jar, 4 oz.



		ample D	uu				
Souder Miller Associates - Carlsbad 201 S Halagueno St.	Project Name: Project Numbe		ssapeak 26-0001				Reported:
Carlsbad NM, 88220	Project Manag	er: Ash	ley Maxwe	11			12/13/2021 4:34:14PM
		CHSP-41					
		E112041-01					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150041
Benzene	ND	0.0250		1	12/10/21	12/10/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/10/21	
Toluene	ND	0.0250		1	12/10/21	12/10/21	
p-Xylene	ND	0.0250		1	12/10/21	12/10/21	
o,m-Xylene	ND	0.0500		1	12/10/21	12/10/21	
Total Xylenes	ND	0.0250		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		98.0 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		100 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150041
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		98.0 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		100 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2150050
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/11/21	
Dil Range Organics (C28-C36)	ND	50.0		1	12/10/21	12/11/21	
Surrogate: n-Nonane		111 %	50-200		12/10/21	12/11/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2150047
Chloride	ND	20.0		1	12/10/21	12/10/21	

Sample Data



	S	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name: Project Numb Project Manag	er: 1902	ssapeak 26-0001 ley Maxwo	ell			Reported: 12/13/2021 4:34:14PM
		CHSP-42 E112041-02					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2150041
Benzene	ND	0.0250		1	12/10/21	12/10/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/10/21	
Toluene	ND	0.0250		1	12/10/21	12/10/21	
p-Xylene	ND	0.0250		1	12/10/21	12/10/21	
p,m-Xylene	ND	0.0500		1	12/10/21	12/10/21	
Total Xylenes	ND	0.0250		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		97.8 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		101 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2150041
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		97.8 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		101 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	лL		Batch: 2150050
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/11/21	
Oil Range Organics (C28-C36)	ND	50.0		1	12/10/21	12/11/21	
Surrogate: n-Nonane		107 %	50-200		12/10/21	12/11/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	IY		Batch: 2150047
Chloride	ND	20.0		1	12/10/21	12/10/21	



	S	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name: Project Numb Project Manag	er: 1902	ssapeak 26-0001 ley Maxwa	ell			Reported: 12/13/2021 4:34:14PM
		CHSP-43					
		E112041-03					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2150041
Benzene	ND	0.0250		1	12/10/21	12/10/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/10/21	
Toluene	ND	0.0250		1	12/10/21	12/10/21	
p-Xylene	ND	0.0250		1	12/10/21	12/10/21	
o,m-Xylene	ND	0.0500		1	12/10/21	12/10/21	
Fotal Xylenes	ND	0.0250		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		97.0 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		101 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2150041
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		97.0 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		101 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	JL		Batch: 2150050
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/11/21	
Dil Range Organics (C28-C36)	ND	50.0		1	12/10/21	12/11/21	
Surrogate: n-Nonane		111 %	50-200		12/10/21	12/11/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	IY		Batch: 2150047
Chloride	ND	20.0		1	12/10/21	12/10/21	



	Sa	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name: Project Numbo Project Manag	er: 1902	ssapeak 26-0001 ley Maxwo	ell			Reported: 12/13/2021 4:34:14PM
		CHSP-44 E112041-04					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150041
Benzene	ND	0.0250		1	12/10/21	12/10/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/10/21	
Toluene	ND	0.0250		1	12/10/21	12/10/21	
p-Xylene	ND	0.0250		1	12/10/21	12/10/21	
p,m-Xylene	ND	0.0500		1	12/10/21	12/10/21	
Total Xylenes	ND	0.0250		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		96.5 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		102 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150041
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		96.5 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		102 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2150050
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/11/21	
Oil Range Organics (C28-C36)	ND	50.0		1	12/10/21	12/11/21	
Surrogate: n-Nonane		113 %	50-200		12/10/21	12/11/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2150047
Chloride	ND	20.0		1	12/10/21	12/10/21	



	S	ample D	ata				
Souder Miller Associates - Carlsbad	Project Name		ssapeak				
201 S Halagueno St.	Project Numb		26-0001				Reported:
Carlsbad NM, 88220	Project Mana	ger: Ash	ey Maxw	ell			12/13/2021 4:34:14PM
		CHSP-45					
		E112041-05					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2150041
Benzene	ND	0.0250		1	12/10/21	12/10/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/10/21	
Toluene	ND	0.0250		1	12/10/21	12/10/21	
p-Xylene	ND	0.0250		1	12/10/21	12/10/21	
p,m-Xylene	ND	0.0500		1	12/10/21	12/10/21	
Total Xylenes	ND	0.0250		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		95.8 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		100 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2150041
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		95.8 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		100 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: JL		Batch: 2150050
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/11/21	
Oil Range Organics (C28-C36)	ND	50.0		1	12/10/21	12/11/21	
Surrogate: n-Nonane		110 %	50-200		12/10/21	12/11/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: IY		Batch: 2150047
Chloride	ND	20.0		1	12/10/21	12/10/21	



	Sa	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name: Project Numbo Project Manag	er: 1902	ssapeak 26-0001 ley Maxwo	ell			Reported: 12/13/2021 4:34:14PM
		CHSP-46 E112041-06					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2150041
Benzene	ND	0.0250		1	12/10/21	12/10/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/10/21	
Toluene	ND	0.0250		1	12/10/21	12/10/21	
o-Xylene	ND	0.0250		1	12/10/21	12/10/21	
p,m-Xylene	ND	0.0500		1	12/10/21	12/10/21	
Fotal Xylenes	ND	0.0250		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		96.2 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		100 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2150041
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		96.2 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		100 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2150050
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/11/21	
Dil Range Organics (C28-C36)	ND	50.0		1	12/10/21	12/11/21	
Surrogate: n-Nonane		108 %	50-200		12/10/21	12/11/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2150047
Chloride	ND	20.0		1	12/10/21	12/10/21	



	S	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name Project Numb Project Manaş	er: 1902	ssapeak 26-0001 ey Maxwe	:11			Reported: 12/13/2021 4:34:14PM
		CHSP-47 E112041-07					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150041
Benzene	ND	0.0250		1	12/10/21	12/10/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/10/21	
Toluene	ND	0.0250		1	12/10/21	12/10/21	
p-Xylene	ND	0.0250		1	12/10/21	12/10/21	
p,m-Xylene	ND	0.0500		1	12/10/21	12/10/21	
Total Xylenes	ND	0.0250		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		97.4 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		101 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150041
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		97.4 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		101 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	ЛL		Batch: 2150050
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/11/21	
Oil Range Organics (C28-C36)	ND	50.0		1	12/10/21	12/11/21	
Surrogate: n-Nonane		110 %	50-200		12/10/21	12/11/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2150047
Chloride	85.0	20.0		1	12/10/21	12/10/21	



	Sa	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name: Project Numbo Project Manag	er: 1902	ssapeak 26-0001 ley Maxwo	ell			Reported: 12/13/2021 4:34:14PM
		CHSP-48					
		E112041-08					
Analyte	Result	Reporting Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2150041
Benzene	ND	0.0250		1	12/10/21	12/10/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/10/21	
Toluene	ND	0.0250		1	12/10/21	12/10/21	
p-Xylene	ND	0.0250		1	12/10/21	12/10/21	
o,m-Xylene	ND	0.0500		1	12/10/21	12/10/21	
Fotal Xylenes	ND	0.0250		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		98.2 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		101 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2150041
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/10/21	
Surrogate: Bromofluorobenzene		98.2 %	70-130		12/10/21	12/10/21	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130		12/10/21	12/10/21	
Surrogate: Toluene-d8		101 %	70-130		12/10/21	12/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	JL		Batch: 2150050
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/11/21	
Dil Range Organics (C28-C36)	131	50.0		1	12/10/21	12/11/21	
Surrogate: n-Nonane		113 %	50-200		12/10/21	12/11/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	IY		Batch: 2150047
Chloride	285	20.0		1	12/10/21	12/10/21	



	S	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name: Project Numb Project Manag	er: 1902	ssapeak 26-0001 ley Maxwe	ell			Reported: 12/13/2021 4:34:14PM
		CHSP-49 E112041-09					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150041
Benzene	ND	0.0250		1	12/10/21	12/11/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/11/21	
Toluene	ND	0.0250		1	12/10/21	12/11/21	
o-Xylene	ND	0.0250		1	12/10/21	12/11/21	
p,m-Xylene	ND	0.0500		1	12/10/21	12/11/21	
Total Xylenes	ND	0.0250		1	12/10/21	12/11/21	
Surrogate: Bromofluorobenzene		97.6 %	70-130		12/10/21	12/11/21	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		12/10/21	12/11/21	
Surrogate: Toluene-d8		102 %	70-130		12/10/21	12/11/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150041
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/11/21	
Surrogate: Bromofluorobenzene		97.6 %	70-130		12/10/21	12/11/21	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		12/10/21	12/11/21	
Surrogate: Toluene-d8		102 %	70-130		12/10/21	12/11/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2150050
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/11/21	
Oil Range Organics (C28-C36)	77.3	50.0		1	12/10/21	12/11/21	
Surrogate: n-Nonane		108 %	50-200		12/10/21	12/11/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2150047
Chloride	122	20.0		1	12/10/21	12/10/21	



	S	ample D	ata				
Souder Miller Associates - Carlsbad	Project Name	e: Che	ssapeak				
201 S Halagueno St.	Project Numb		26-0001				Reported:
Carlsbad NM, 88220	Project Mana	iger: Ash	ey Maxw	ell			12/13/2021 4:34:14PM
		CHSP-50					
		E112041-10					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2150041
Benzene	ND	0.0250		1	12/10/21	12/11/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/11/21	
Toluene	ND	0.0250		1	12/10/21	12/11/21	
p-Xylene	ND	0.0250		1	12/10/21	12/11/21	
p,m-Xylene	ND	0.0500		1	12/10/21	12/11/21	
Total Xylenes	ND	0.0250		1	12/10/21	12/11/21	
Surrogate: Bromofluorobenzene		99.9 %	70-130		12/10/21	12/11/21	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130		12/10/21	12/11/21	
Surrogate: Toluene-d8		102 %	70-130		12/10/21	12/11/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2150041
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/11/21	
Surrogate: Bromofluorobenzene		99.9 %	70-130		12/10/21	12/11/21	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130		12/10/21	12/11/21	
Surrogate: Toluene-d8		102 %	70-130		12/10/21	12/11/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2150050
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/11/21	
Oil Range Organics (C28-C36)	99.9	50.0		1	12/10/21	12/11/21	
Surrogate: n-Nonane		98.2 %	50-200		12/10/21	12/11/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	_	Analyst:	: IY		Batch: 2150047
Chloride	ND	20.0		1	12/10/21	12/10/21	



	Sa	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name: Project Numbo Project Manag	er: 1902	ssapeak 26-0001 ley Maxw	ell			Reported: 12/13/2021 4:34:14PM
		CHSP-51					
		E112041-11					
Analyte	Result	Reporting Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2150041
Benzene	ND	0.0250		1	12/10/21	12/11/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/11/21	
Toluene	ND	0.0250		1	12/10/21	12/11/21	
o-Xylene	ND	0.0250		1	12/10/21	12/11/21	
o,m-Xylene	ND	0.0500		1	12/10/21	12/11/21	
Fotal Xylenes	ND	0.0250		1	12/10/21	12/11/21	
Surrogate: Bromofluorobenzene		96.7 %	70-130		12/10/21	12/11/21	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130		12/10/21	12/11/21	
Surrogate: Toluene-d8		102 %	70-130		12/10/21	12/11/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2150041
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/11/21	
Surrogate: Bromofluorobenzene		96.7 %	70-130		12/10/21	12/11/21	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130		12/10/21	12/11/21	
Surrogate: Toluene-d8		102 %	70-130		12/10/21	12/11/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2150050
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/11/21	
Dil Range Organics (C28-C36)	ND	50.0		1	12/10/21	12/11/21	
Surrogate: n-Nonane		111 %	50-200		12/10/21	12/11/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2150047
Chloride	ND	20.0		1	12/10/21	12/10/21	



	S	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name: Project Numb Project Manag	er: 1902	ssapeak 26-0001 ley Maxwo	ell			Reported: 12/13/2021 4:34:14PM
		CHSP-52 E112041-12					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2150041
Benzene	ND	0.0250		1	12/10/21	12/11/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/11/21	
Toluene	ND	0.0250		1	12/10/21	12/11/21	
p-Xylene	ND	0.0250		1	12/10/21	12/11/21	
o,m-Xylene	ND	0.0500		1	12/10/21	12/11/21 12/11/21	
Total Xylenes	ND	0.0250		1	12/10/21		
Surrogate: Bromofluorobenzene		95.7 %	70-130		12/10/21	12/11/21	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130		12/10/21	12/11/21	
Surrogate: Toluene-d8		101 %	70-130		12/10/21	12/11/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150041
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/11/21	
Surrogate: Bromofluorobenzene		95.7 %	70-130		12/10/21	12/11/21	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130		12/10/21	12/11/21	
Surrogate: Toluene-d8		101 %	70-130		12/10/21	12/11/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	JL		Batch: 2150050
Diesel Range Organics (C10-C28)	42.6	25.0		1	12/10/21	12/11/21	
Dil Range Organics (C28-C36)	ND	50.0		1	12/10/21	12/11/21	
Surrogate: n-Nonane		113 %	50-200		12/10/21	12/11/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2150047
Chloride	ND	20.0		1	12/10/21	12/10/21	



	Sa	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name: Project Numbo Project Manag	er: 1902	ssapeak 26-0001 ey Maxwe	ell			Reported: 12/13/2021 4:34:14PM
		CHSP-53 E112041-13					
Analyte	Result	Reporting Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: R		RKS		Batch: 2150041
Benzene	ND	0.0250		1	12/10/21	12/11/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/11/21	
Toluene	ND	0.0250		1	12/10/21	12/11/21	
p-Xylene	ND	0.0250		1	12/10/21	12/11/21	
p,m-Xylene	ND	0.0500		1	12/10/21	12/11/21	
Total Xylenes	ND	0.0250		1	12/10/21	12/11/21	
Surrogate: Bromofluorobenzene		98.8 %	70-130		12/10/21	12/11/21	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		12/10/21	12/11/21	
Surrogate: Toluene-d8		101 %	70-130		12/10/21	12/11/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150041
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/11/21	
Surrogate: Bromofluorobenzene		98.8 %	70-130		12/10/21	12/11/21	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		12/10/21	12/11/21	
Surrogate: Toluene-d8		101 %	70-130		12/10/21	12/11/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2150050
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/11/21	
Dil Range Organics (C28-C36)	ND	50.0		1	12/10/21	12/11/21	
Surrogate: n-Nonane		112 %	50-200		12/10/21	12/11/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2150047
Chloride	ND	20.0		1	12/10/21	12/11/21	



	S	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name: Project Numb Project Manag	er: 1902	ssapeak 26-0001 ey Maxwe	ell			Reported: 12/13/2021 4:34:14PM
		CHSP-54 E112041-14					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150041
Benzene	ND	0.0250		1	12/10/21	12/11/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/11/21	
Toluene	ND	0.0250		1	12/10/21	12/11/21	
p-Xylene	ND	0.0250		1	12/10/21	12/11/21	
p,m-Xylene	ND	0.0500			12/10/21	12/11/21	
Total Xylenes	ND	0.0250		1	12/10/21	12/11/21	
Surrogate: Bromofluorobenzene		96.3 %	70-130		12/10/21	12/11/21	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130		12/10/21	12/11/21	
Surrogate: Toluene-d8		101 %	70-130		12/10/21	12/11/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150041
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/11/21	
Surrogate: Bromofluorobenzene		96.3 %	70-130		12/10/21	12/11/21	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130		12/10/21	12/11/21	
Surrogate: Toluene-d8		101 %	70-130		12/10/21	12/11/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	ЛL		Batch: 2150050
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/11/21	
Oil Range Organics (C28-C36)	ND	50.0		1	12/10/21	12/11/21	
Surrogate: n-Nonane		102 %	50-200		12/10/21	12/11/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2150047
Chloride	ND	20.0		1	12/10/21	12/11/21	



	S	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St.	Project Name Project Numb		ssapeak 26-0001		Reported:		
Carlsbad NM, 88220	Project Mana	ger: Ash	ey Maxw	ell			12/13/2021 4:34:14PM
		CHSP-55					
		E112041-15					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2150041
Benzene	ND	0.0250		1	12/10/21	12/11/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/11/21	
Toluene	ND	0.0250		1	12/10/21	12/11/21	
o-Xylene	ND	0.0250		1	12/10/21	12/11/21	
p,m-Xylene	ND	0.0500		1	12/10/21	12/11/21	
Total Xylenes	ND	0.0250		1	12/10/21	12/11/21	
Surrogate: Bromofluorobenzene		95.8 %	70-130		12/10/21	12/11/21	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		12/10/21	12/11/21	
Surrogate: Toluene-d8		100 %	70-130		12/10/21	12/11/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2150041
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/11/21	
Surrogate: Bromofluorobenzene		95.8 %	70-130		12/10/21	12/11/21	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		12/10/21	12/11/21	
Surrogate: Toluene-d8		100 %	70-130		12/10/21	12/11/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	JL		Batch: 2150050
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/11/21	
Dil Range Organics (C28-C36)	ND	50.0		1	12/10/21	12/11/21	
Surrogate: n-Nonane		106 %	50-200		12/10/21	12/11/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	IY	Batch: 2150047	
Chloride	ND	20.0		1	12/10/21	12/11/21	



	Sa	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name: Project Numbe Project Manag	er: 1902	ssapeak 26-0001 ley Maxwe	:11			Reported: 12/13/2021 4:34:14PM
		CHSP-56 E112041-16					
Analyte	Result	Reporting Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: F		RKS		Batch: 2150041
Benzene	ND	0.0250		1	12/10/21	12/11/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/11/21	
Toluene	ND	0.0250		1	12/10/21	12/11/21	
p-Xylene	ND	0.0250		1	12/10/21	12/11/21	
o,m-Xylene	ND	0.0500		1	12/10/21	12/11/21	
Fotal Xylenes	ND	0.0250		1	12/10/21	12/11/21	
Surrogate: Bromofluorobenzene		110 %	70-130		12/10/21	12/11/21	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		12/10/21	12/11/21	
Surrogate: Toluene-d8		99.1 %	70-130		12/10/21	12/11/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150041
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/11/21	
Surrogate: Bromofluorobenzene		110 %	70-130		12/10/21	12/11/21	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		12/10/21	12/11/21	
Surrogate: Toluene-d8		99.1 %	70-130		12/10/21	12/11/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2150050
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/11/21	
Dil Range Organics (C28-C36)	ND	50.0		1	12/10/21	12/11/21	
Surrogate: n-Nonane		107 %	50-200		12/10/21	12/11/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2150047
Chloride	ND	20.0		1	12/10/21	12/11/21	



	Sa	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name: Project Numbo Project Manag	er: 1902	ssapeak 26-0001 ley Maxwe	211			Reported: 12/13/2021 4:34:14PM
		CHSP-57 E112041-17					
Analyte	Result	Reporting Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150041
Benzene	ND	0.0250		1	12/10/21	12/11/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/11/21	
Toluene	ND	0.0250		1	12/10/21	12/11/21	
p-Xylene	ND	0.0250		1	12/10/21	12/11/21	
p,m-Xylene	ND	0.0500		1	12/10/21	12/11/21	
Total Xylenes	ND	0.0250		1	12/10/21	12/11/21	
Surrogate: Bromofluorobenzene		110 %	70-130		12/10/21	12/11/21	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130		12/10/21	12/11/21	
Surrogate: Toluene-d8		98.9 %	70-130		12/10/21	12/11/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150041
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/11/21	
Surrogate: Bromofluorobenzene		110 %	70-130		12/10/21	12/11/21	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130		12/10/21	12/11/21	
Surrogate: Toluene-d8		98.9 %	70-130		12/10/21	12/11/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2150050
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/11/21	
Oil Range Organics (C28-C36)	ND	50.0		1	12/10/21	12/11/21	
Surrogate: n-Nonane		108 %	50-200		12/10/21	12/11/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2150047
Chloride	ND	20.0		1	12/10/21	12/11/21	



	Sa	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name: Project Numbo Project Manag	er: 1902	ssapeak 26-0001 ley Maxwe	:11			Reported: 12/13/2021 4:34:14PM
		CHSP-58 E112041-18					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150041
Benzene	ND	0.0250		1	12/10/21	12/11/21	
Ethylbenzene	ND	0.0250		1	12/10/21	12/11/21	
Toluene	ND	0.0250		1	12/10/21	12/11/21	
p-Xylene	ND	0.0250		1	12/10/21	12/11/21	
p,m-Xylene	ND	0.0500		1	12/10/21	12/11/21	
Total Xylenes	ND	0.0250		1	12/10/21	12/11/21	
Surrogate: Bromofluorobenzene		108 %	70-130		12/10/21	12/11/21	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130		12/10/21	12/11/21	
Surrogate: Toluene-d8		99.2 %	70-130		12/10/21	12/11/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2150041
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/10/21	12/11/21	
Surrogate: Bromofluorobenzene		108 %	70-130		12/10/21	12/11/21	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130		12/10/21	12/11/21	
Surrogate: Toluene-d8		99.2 %	70-130		12/10/21	12/11/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2150050
Diesel Range Organics (C10-C28)	ND	25.0		1	12/10/21	12/11/21	
Dil Range Organics (C28-C36)	ND	50.0		1	12/10/21	12/11/21	
Surrogate: n-Nonane		107 %	50-200		12/10/21	12/11/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2150047
Chloride	ND	20.0		1	12/10/21	12/11/21	



QC Summary Data

Souder Miller Associates - Carlsbad		Project Name:		nessapeak					Reported:
201 S Halagueno St.		Project Number:		026-0001					
Carlsbad NM, 88220		Project Manager:	As	shley Maxwell				1	2/13/2021 4:34:14PM
		Volatile Organic			Analyst: RKS				
Analyte		Reporting	Spike	Source		Rec		RPD	
-	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2150041-BLK1)							Prepared: 1	2/10/21 An	alyzed: 12/11/21
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.489		0.500		97.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			
LCS (2150041-BS1)							Prenared: 1	2/10/21 An	alyzed: 12/11/21
	2.46	0.0250	2.50		98.6	70-130	Trepurea. T	2,10,21 /11	aiy20a. 12/11/21
Benzene	2.40	0.0250	2.50		98.0 104	70-130			
Ethylbenzene		0.0250							
Toluene	2.56	0.0250	2.50		102	70-130			
p-Xylene	2.61	0.0250	2.50		105	70-130			
o,m-Xylene	5.17	0.0500	5.00		103	70-130			
Total Xylenes	7.79	0.0250	7.50		104	70-130			
Surrogate: Bromofluorobenzene	0.491		0.500		98.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		96.9	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			
Matrix Spike (2150041-MS1)				Source: E			Prepared: 1	2/10/21 An	alyzed: 12/11/21
Benzene	2.19	0.0250	2.50	ND	87.6	48-131			
Ethylbenzene	2.44	0.0250	2.50	ND	97.4	45-135			
Toluene	2.36	0.0250	2.50	ND	94.3	48-130			
p-Xylene	2.46	0.0250	2.50	ND	98.4	43-135			
o,m-Xylene	4.85	0.0500	5.00	ND	97.0	43-135			
Total Xylenes	7.31	0.0250	7.50	ND	97.5	43-135			
Surrogate: Bromofluorobenzene	0.500		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			
Matrix Spike Dup (2150041-MSD1)				Source: E	112041-0	03	Prepared: 1	2/10/21 An	alyzed: 12/11/21
Benzene	2.19	0.0250	2.50	ND	87.5	48-131	0.160	23	
Ethylbenzene	2.55	0.0250	2.50	ND	102	45-135	4.61	27	
Toluene	2.42	0.0250	2.50	ND	96.7	48-130	2.53	24	
p-Xylene	2.56	0.0250	2.50	ND	102	43-135	4.10	27	
o,m-Xylene	5.06	0.0500	5.00	ND	101	43-135	4.26	27	
	7.62	0.0250	7.50	ND	102	43-135	4.21	27	
Total Xylenes									
Iotal Xylenes Surrogate: Bromofluorobenzene	0.496		0.500		99.1	70-130			
	0.496 0.510		0.500 0.500		99.1 102	70-130 70-130			



QC Summary Data

		X C D							
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	1	Chessapeak 9026-0001 Ashley Maxwell					Reported: 12/13/2021 4:34:14PM
Nonhalogenated Organics by EPA 8015D - GRO									Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi	t
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2150041-BLK1)							Prepared: 1	2/10/21	Analyzed: 12/11/21
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.489		0.500		97.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			
LCS (2150041-BS2)							Prepared: 1	2/10/21	Analyzed: 12/11/21
Gasoline Range Organics (C6-C10)	51.3	20.0	50.0		103	70-130			
Surrogate: Bromofluorobenzene	0.476		0.500		95.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.1	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			
Matrix Spike (2150041-MS2)				Source: E	112041-03		Prepared: 1	2/10/21	Analyzed: 12/11/21
Gasoline Range Organics (C6-C10)	52.4	20.0	50.0	ND	105	70-130			
Surrogate: Bromofluorobenzene	0.478		0.500		95.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			
Matrix Spike Dup (2150041-MSD2)				Source: E	112041-03		Prepared: 1	2/10/21	Analyzed: 12/11/21
Gasoline Range Organics (C6-C10)	50.9	20.0	50.0	ND	102	70-130	2.90	20	
Surrogate: Bromofluorobenzene	0.485		0.500		96.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			
urrogate: Toluene-d8	0.503		0.500		101	70-130			



QC Summary Data

		$\mathbf{x} \in \mathbf{v}$		ary Data	•				
Souder Miller Associates - Carlsbad 201 S Halagueno St.		Project Name: Project Number:	1	Chessapeak 19026-0001					Reported: 12/13/2021 4:34:14PM
Carlsbad NM, 88220		Project Manager:	1	Ashley Maxwell					12/13/2021 4:34:14PM
	Nonh	alogenated Org	anics by	y EPA 8015D	- DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2150050-BLK1)							Prepared:	12/10/21	Analyzed: 12/11/21
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.6		50.0		111	50-200			
LCS (2150050-BS1)							Prepared:	12/10/21	Analyzed: 12/11/21
Diesel Range Organics (C10-C28)	466	25.0	500		93.2	38-132			
Surrogate: n-Nonane	53.6		50.0		107	50-200			
Matrix Spike (2150050-MS1)				Source: I	E112041-	18	Prepared:	12/10/21	Analyzed: 12/11/21
Diesel Range Organics (C10-C28)	501	25.0	500	ND	100	38-132			
Surrogate: n-Nonane	57.0		50.0		114	50-200			
Matrix Spike Dup (2150050-MSD1)				Source: I	E112041-	18	Prepared:	12/10/21	Analyzed: 12/11/21
Diesel Range Organics (C10-C28)	495	25.0	500	ND	99.1	38-132	1.15	20	
Surrogate: n-Nonane	55.7		50.0		111	50-200			



QC Summary Data

		-		·					
Souder Miller Associates - Carlsbad		Project Name:	C	hessapeak					Reported:
201 S Halagueno St.		Project Number:	1	9026-0001					-
Carlsbad NM, 88220		Project Manager	:: A	shley Maxwel	11				12/13/2021 4:34:14PM
		Anions	by EPA	300.0/90564	4				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2150047-BLK1)							Prepared: 1	2/10/21	Analyzed: 12/10/21
Chloride	ND	20.0							
LCS (2150047-BS1)							Prepared: 1	2/10/21	Analyzed: 12/10/21
Chloride	252	20.0	250		101	90-110			
LCS Dup (2150047-BSD1)							Prepared: 1	2/10/21	Analyzed: 12/10/21
Chloride	253	20.0	250		101	90-110	0.325	20	

QC Summary Report Comment:

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



Souder Miller Associates - Carlsbad	Project Name:	Chessapeak	
201 S Halagueno St.	Project Number:	19026-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	12/13/21 16:34

ND Analyte	NOT DETECTED at or above the reporting limit
------------	----------------------------------------------

- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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



SMA	DIIITe		E	118	20	ACCEPTED AND	that et al provide al part				T		EDA Droge	2112
oject: Chessaper:	Bill To Attention: Address:		Lab 1	NO#			e On Job M 190	iy Iumber 200	001	10		RCRA	EPA Progr	SDW/
ddress: tv. State, Zip	City, State, Zip Phone:		AN	Lia	10/2	1	Analy	sis and f	Vethod				NM CO	tate
none: A th ley MAXWEN	Email:		80 by 8015	210% %0 DA	1 203 1	8260	6010	e 300.0		- NNK	τx			
Time Date Matrix No Cantaners Sample ID		Lab Number	050/080	GRO/DRO by	BIEX by 802	VOC by 8260	Metals 6010	Chlorid		00000	00000		Rer	marks
40 11/6/4 Soil 1 CHS	P- 40 AM12	VIOLA								X				
141 1 1 1	41	1								X				and the second
142 1 1	42	2								X				
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147 1	44	Ц								X				
145 1	45	5								X				
145 1	46	le								X				
1147 1	47	7					131			X				
1/48 1	48	8								X				
1149 1	49	9								X				
dditional Instructions:														
ifield sempler), attest to the vehicity and authenticity of this sample. If am average me of collection is considered fraud and may be grounds for equilation. Sempled				-						na ete	a Osota	ese that 5 °C	the day they are us the address of the	
That The full 12/8/21 110	Received by (Signature) Received by (Signature)	Date PA	21	Tiene 12 Firme	<u>:.0(</u>	0	Rece	lved or	lce:	1) Us	e Only		
relinquished by: (Signature) Date Time	Peceived by: (Signature)	Date		Time			11			12			<u>T3</u>	
mole Matrix: 5 - Soil, 5d - Solid, 5g - Skidge, A - Aqueous, O - Other ne: Samples are discarded 30 days after results are reported unless oth		Container	туре	: g · f	tlass, p) - p	oly/pl	Temp astic, ag	+ ambe	r gias	55, V -	VOA		

EPA Program	yed by			4/11 č	5/20.	22 10: Iemai	54:27	AM								a second	dent Early			Pag	e 134
EPA PI	RCRA CWA		NN N	×	:											d an as the day they are u	un à "C an tublera	Vint	13		g - amber glass, v - VOA
-	1D 3D R				-	· pogg										A LEGAL &	des 3 hurt brack th	(Y) N			glass, v - VOA
-	ar In	thod			WN	00094	\times	X	X	X	X	X	X	×	.×.	d Steamation	the grant of the state		14		amber glo
1000	0-0	Analysis and Me		0		s elute M electricite										Landare, reprind Demetal and and the recercity of	terrest and her on all at way terry above 2 had been then \$ "C on tableacter, take	Received on ite:	II	AVG Temp °C	
	MOH Job Nur HOOHO 19031	Iciolo MA			1208	NOC PA	2											Time Time		a la	el 8 - glass, p - p
	JE E	B		SLOR	44 O	Lab Number		11	<u>c</u> e	13	T	5	16	Lt.	8	ar, 6214 ar		10/4/01			Container Type:
	Attention: Address:	City, State, Zip	Phone:	Email:			B.S	- 51	1 22	1 23	- 54	- 52	- 56	- 57	- 28	des with de interconelly mislacelling the sample fossition care or		Received by (Signature)		Received of (NBrature)	Container Type: g - giass, p - poly/plastic, a
	<u><u><u></u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u>			Xwol/ Em		Sample ID	CHSP	CHGP	C 450	(HJP	C 149P	C#47	C #5P	CHSP	CHSP	aine na hInn, gani maginasi kati arawan masa – mikanika ar		18/27 Tune 100		1	iample Marins 5 - Soil, Sd - Soild Sg - Sludge, A - Aqueous, D - Other
	#K			A W		to Contantra	-	(1	1	/	1	1)	~	there are at t	av be grounds tor	Dare Dare		100	udge, A - Aq
A F I A	Projecti Che 59 H PB AL			Ashlev,	1	Date Matrix Sampled	Way Soil								*	Additional Instructions:	ant pre pulse the up and	Fignature)		Heimbuished by (signature)	lample Marrix 5-Soli, 5d -Solid 5g - Sludge, A - Aqueous, D - Other
	5 16		City. State, Zip	-L.	lue bv:	I G L	17	1							14	I In:	an la	3DE		2	5-

Released to Imaging: 5/17/2022 1:11:13 PM Page 30 of 31

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	Souder Miller Associates - Carlsbad Date Rece	vived: 1	2/09/21	12:00	Work Order ID: E112041
Phone:	(505) 325-7535 Date Logg				Logged In By: Jessica Liesse
Email:	ashley.maxwell@soudermiller.com Due Date:			17:00 (2 day TAT	
Chain o	<u>f Custody (COC)</u>				
1. Does	the sample ID match the COC?		Yes		
	the number of samples per sampling site location match	the CO	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier:	
4. Was t	he COC complete, i.e., signatures, dates/times, requested	l analys	eYes		
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	field,	Yes		Comments/Resolution
Sample	Turn Around Time (TAT)]	
	ne COC indicate standard TAT, or Expedited TAT?		No		58 samples were received, Originally there
Sample	-				were COC pages 1 and 2 for all
	sample cooler received?		Yes		samples. The COC has been remade by
	, was cooler received in good condition?		Yes		client and is now 1 of 6 COC pages.Due to
9. Was t	he sample(s) received intact, i.e., not broken?		Yes		10
	e custody/security seals present?		No		sample amount this project has been split
	s, were custody/security seals intact?		NA		into 3 seperate workorders as
•	the sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are recominutes of sampling		Yes		follows:E112031-E112040-E112041
13. If no	visible ice, record the temperature. Actual sample ter	nnorotu	ra: 1º0		
	, visible iee, record ale temperature. The tau sample ter	nperatu	$\frac{10.40}{40}$	<u> </u>	
Sample	Container	nperatu	ic. <u>4 (</u>	<u>~</u>	
		nperatu	No	~	
14. Are 15. Are	<u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials?	nperatu		~	
14. Are 15. Are 16. Is th	<u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)?	nperatu	No	<u>~</u>	
 14. Are 15. Are 16. Is th 17. Was 	<u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses?	nperatu	No NA	<u>~</u>	
 Are Are Are Is th Was Are 	<u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers?	-	No NA NA NA Yes	~	
 Are Are Are Is th Was Are 	<u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses?	-	No NA NA NA Yes	~	
 Are Are Are Is th Was Are Are Is the 	<u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel_	s collect	No NA NA NA Yes	-	
 Are Are Are Is the Are Are Is the Field La Wer 	<u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform	s collect	No NA NA Yes e∦es	-	
 14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Wer 	<u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform tample ID?	s collect	No NA NA Yes etYes Yes	-	
14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Wer	<u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform sample ID? Date/Time Collected?	s collect	No NA NA Yes et es Yes Yes	-	
14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field L 20. Wer S	<u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform ample ID? Date/Time Collected? Collectors name?	s collect	No NA NA Yes etYes Yes	<u>~</u>	
14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field Li 20. Wer S I C Sample	<u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform fample ID? Date/Time Collected? Collectors name? <u>Preservation</u>	s collect	No NA NA Yes et es Yes Yes	<u>~</u>	
14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field L 20. Wer S I C Sample 21. Doe	<u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform ample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were preservation	s collect	No NA NA Yes edfes Yes Yes No	<u>~</u>	
14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Wer S I C Sample 21. Doe 22. Are	<u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform fample ID? Date/Time Collected? Collectors name? <u>Preservation</u>	s collect ation: erved?	No NA NA Yes eðres Yes Yes No No	<u>~</u>	
14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field L: 20. Wer S I C Sample 21. Doe 22. Are 24. Is la	<u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform ample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved?	s collect ation: erved?	No NA NA Yes e¥es Yes No No NA	<u>~</u>	
14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field L. 20. Wer S I C Sample 21. Doe 22. Are 24. Is la Multipl	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers? e field sample labels filled out with the minimum inform ample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta	s collect ation: erved? als?	No NA NA Yes e¥es Yes No No NA	<u>~</u>	
14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field L 20. Wer S I C Sample 21. Doe 22. Are 24. Is la <u>Multipl</u> 26. Doe	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers? e field sample labels filled out with the minimum inform iample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta tase Sample Matrix	s collect ation: erved? als?	No NA NA Yes e¥es Yes No No NA No	<u>~</u>	
14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field L 20. Wer S I C Sample 21. Doe 22. Are 24. Is la Multipl 26. Doe 27. If ye	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform fample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta mase Sample Matrix s the sample have more than one phase, i.e., multiphase?	s collect ation: erved? als?	No NA NA Yes edfes Yes No No No No	<u>~</u>	
14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field L 20. Wer S I C Sample 21. Doe 22. Are 24. Is la Multipl 26. Doe 27. If ye	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers? e field sample labels filled out with the minimum inform sample (S) correctly preserved? b filteration required and/or requested for dissolved meta nase Sample Matrix s the sample have more than one phase, i.e., multiphase? es, does the COC specify which phase(s) is to be analyze	s collect ation: erved? ils? d?	No NA NA Yes edfes Yes No No No No	<u>~</u>	

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



•





5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Souder Miller Associates - Carlsbad

Project Name:

Chesapeake

Work Order: E112078

Job Number: 97057-0001

Received: 12/18/2021

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/27/21

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 12/27/21

Ashley Maxwell 201 S Halagueno St. Carlsbad, NM 88220

Project Name: Chesapeake Workorder: E112078 Date Received: 12/18/2021 10:43:00AM

Ashley Maxwell,



Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/18/2021 10:43:00AM, under the Project Name: Chesapeake.

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

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

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

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

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

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*		Sample Sum	mary		Ŭ
Souder Miller Associates - Carlsbad 201 S Halagueno St.		Project Name: Project Number:	Chesapeake 97057-0001		Reported:
Carlsbad NM, 88220		Project Manager:	Ashley Maxwell		12/27/21 12:15
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
RCHBS-03	E112078-01A	Soil	12/16/21	12/18/21	Glass Jar, 4 oz.



	Sa	imple D	ลเล			
Souder Miller Associates - Carlsbad	Project Name:	Che	sapeake			
201 S Halagueno St.	Project Number	r: 970:	57-0001			Reported:
Carlsbad NM, 88220	Project Manage	er: Ash	ley Maxwell		12/27/2021 12:15:05PM	
	F	RCHBS-03				
	I	E112078-01				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2152002
Benzene	0.335	0.0250	1	12/20/21	12/22/21	
Ethylbenzene	2.10	0.0250	1	12/20/21	12/22/21	
Toluene	2.20	0.0250	1	12/20/21	12/22/21	
-Xylene	2.97	0.0250	1	12/20/21	12/22/21	
o,m-Xylene	10.3	0.0500	1	12/20/21	12/22/21	
Total Xylenes	13.2	0.0250	1	12/20/21	12/22/21	
urrogate: 4-Bromochlorobenzene-PID		100 %	70-130	12/20/21	12/22/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2152002
Gasoline Range Organics (C6-C10)	390	20.0	1	12/20/21	12/22/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		118 %	70-130	12/20/21	12/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2152008
Diesel Range Organics (C10-C28)	185	25.0	1	12/21/21	12/21/21	
Dil Range Organics (C28-C36)	215	50.0	1	12/21/21	12/21/21	
urrogate: n-Nonane		167 %	50-200	12/21/21	12/21/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: GB		Batch: 2152001
Chloride	1370	20.0	1	12/20/21	12/20/21	

Sample Data



QC Summary Data

		X U N			•				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	9′	hesapeake 7057-0001 shley Maxwell	I				Reported: 12/27/2021 12:15:05PM
				by EPA 802					Analyst: RKS
		Denertine	Smilto	Source		D		DDD	
Analyte	Result	Reporting Limit	Spike Level	Result	Rec	Rec Limits	RPD	RPD Limi	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2152002-BLK1)							Prepared: 1	2/20/21	Analyzed: 12/22/21
Benzene	ND	0.0250					1		•
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.81	0.0250	8.00		97.6	70-130			
LCS (2152002-BS1)							Prepared: 1	2/20/21	Analyzed: 12/22/21
Benzene	4.75	0.0250	5.00		95.0	70-130			
Ethylbenzene	4.64	0.0250	5.00		92.8	70-130			
Toluene	4.82	0.0250	5.00		96.4	70-130			
o-Xylene	4.77	0.0250	5.00		95.5	70-130			
p,m-Xylene	9.44	0.0500	10.0		94.4	70-130			
Total Xylenes	14.2	0.0250	15.0		94.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.93		8.00		99.1	70-130			
Matrix Spike (2152002-MS1)				Source:	E112078-0	1	Prepared: 1	2/20/21	Analyzed: 12/22/21
Benzene	4.85	0.0250	5.00	0.335	90.4	54-133			
Ethylbenzene	7.04	0.0250	5.00	2.10	98.9	61-133			
Toluene	7.84	0.0250	5.00	2.20	113	61-130			
p-Xylene	7.66	0.0250	5.00	2.97	94.0	63-131			
p,m-Xylene	18.7	0.0500	10.0	10.3	84.5	63-131			
Total Xylenes	26.4	0.0250	15.0	13.2	87.6	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.07		8.00		101	70-130			
Matrix Spike Dup (2152002-MSD1)				Source:	E112078-0	1	Prepared: 1	2/20/21	Analyzed: 12/22/21
Benzene	4.83	0.0250	5.00	0.335	89.8	54-133	0.531	20	
Ethylbenzene	7.00	0.0250	5.00	2.10	98.0	61-133	0.614	20	
Toluene	7.78	0.0250	5.00	2.20	112	61-130	0.737	20	
X 1			5.00	2.97	02.0	63-131	1.27	20	
o-Xylene	7.57	0.0250	5.00	2.97	92.0	05-151	1.27	20	
p,m-Xylene	7.57 18.5	0.0250 0.0500	10.0	10.3	92.0 82.0	63-131	1.33	20	



QC Summary Data

		$\mathbf{x} = \mathbf{v}$							
Souder Miller Associates - Carlsbad 201 S Halagueno St.		Project Name: Project Number:		Chesapeake 97057-0001					Reported:
Carlsbad NM, 88220		Project Manager:		Ashley Maxwell					12/27/2021 12:15:05PM
	No	onhalogenated O	rganic	s by EPA 801	5D - G	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2152002-BLK1)							Prepared: 1	2/20/21	Analyzed: 12/22/21
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.95		8.00		99.4	70-130			
LCS (2152002-BS2)							Prepared: 1	2/20/21	Analyzed: 12/22/21
Gasoline Range Organics (C6-C10)	53.9	20.0	50.0		108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.92		8.00		98.9	70-130			
Matrix Spike (2152002-MS2)				Source: E	112078-	01	Prepared: 1	2/20/21	Analyzed: 12/23/21
Gasoline Range Organics (C6-C10)	428	20.0	50.0	390	77.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.31		8.00		116	70-130			
Matrix Spike Dup (2152002-MSD2)				Source: E	112078-	01	Prepared: 1	2/20/21	Analyzed: 12/23/21
Gasoline Range Organics (C6-C10)	467	20.0	50.0	390	154	70-130	8.51	20	M4
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.60		8.00		120	70-130			



QC Summary Data

		QC DI		ary Data					
Souder Miller Associates - Carlsbad 201 S Halagueno St.		Project Name: Project Number:	1	Chesapeake 97057-0001					Reported:
Carlsbad NM, 88220		Project Manager:		Ashley Maxwell					12/27/2021 12:15:05PM
	Nonh	alogenated Org	anics by	y EPA 8015D	- DRO	/ORO			Analyst: KL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2152008-BLK1)							Prepared: 1	12/21/21	Analyzed: 12/21/21
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.5		50.0		107	50-200			
LCS (2152008-BS1)							Prepared: 1	12/21/21	Analyzed: 12/21/21
Diesel Range Organics (C10-C28)	543	25.0	500		109	38-132			
Surrogate: n-Nonane	53.6		50.0		107	50-200			
Matrix Spike (2152008-MS1)				Source: E	112081-	11	Prepared: 1	12/21/21	Analyzed: 12/21/21
Diesel Range Organics (C10-C28)	550	25.0	500	ND	110	38-132			
Surrogate: n-Nonane	56.6		50.0		113	50-200			
Matrix Spike Dup (2152008-MSD1)				Source: E	112081-	11	Prepared: 1	12/21/21	Analyzed: 12/21/21
Diesel Range Organics (C10-C28)	570	25.0	500	ND	114	38-132	3.68	20	
Surrogate: n-Nonane	56.4		50.0		113	50-200			



QC Summary Data

			-	J	-					
Souder Miller Associates - Carlsbad		Project Name:	(Chesapeake					Re	ported:
201 S Halagueno St.		Project Number:	9	7057-0001						
Carlsbad NM, 88220		Project Manager	: 4	Ashley Maxwell					12/27/202	1 12:15:05PM
		Anions	by EPA	300.0/9056A					Analy	vst: GB
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPE Limi		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%		Notes
Blank (2152001-BLK1)							Prepared:	12/20/21	Analyzed:	12/20/21
Chloride	ND	20.0								
LCS (2152001-BS1)							Prepared:	12/20/21	Analyzed:	12/20/21
Chloride	255	20.0	250		102	90-110				
Matrix Spike (2152001-MS1)				Source: I	E112074-0)3	Prepared:	12/20/21	Analyzed:	12/20/21
Chloride	4060	40.0	250	3520	216	80-120				M5
Matrix Spike Dup (2152001-MSD1)				Source: I	E 112074- ()3	Prepared:	12/20/21	Analyzed:	12/20/21
Chloride	3850	40.0	250	3520	136	80-120	5.06	20		M5

QC Summary Report Comment:

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



	2 • • • • • • • • • • • •		
Souder Miller Associates - Carlsbad	Project Name:	Chesapeake	
201 S Halagueno St.	Project Number:	97057-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Maxwell	12/27/21 12:15

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.

M5 The analysis of the MS sample required a dilution such that the spike recovery calculation does not provide useful information. The accociated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



pject Information	Chain of	Custody								-			Page	_ (
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Idress:	City, State, Zip					<u> </u>	Analy	sis and	Metho	d			Sta	
ty, State, Zip	Phone:			10									NM CO	UT AZ
nail: Ashley MAXwell	Email:		8015	8015				0					TX OK	
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Time Date		Lab	/OR(/DR(py 8	by 8	als 60	ride		- 20				10
ampled Sampled Matrix Containers Sample ID		Number	DRO/ORO by	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC - NM	BGDOC -		Ren	narks
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dditional Instructions:											II	l		
ield sampler), attest to the validity and authenticity of this sample. I am awar		ation, date or											e day they are san subsequent days	
he of collection is considered fraug and may be grounds for legal action. Samp linguished by: (Signature)	Received by: (Signature)	Date		Time)	-	Autoria	ani setes		1.	ah He	e Only	Contraction and	
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In Jak 12.17.21	235 Ball Hart	12/18	121	10	7.4.	3	T1			T2			T3	
Inquished by: (Signature) Date Time	Received by: (Signature)	Date	-	Time							is ind	1.1.1.1.1	Service Service	stars and
							AVG	Temp	$^{\circ}$ C 4					
mple Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other		Container	Туре	: g - e	glass, p		77 17 19.20			er gla:	ss, v - \	VOA		
te: Samples are discarded 30 days after results are reported unless o	and the second		ient or	dispos	ed of at	the cl	ient ex	pense. T	he repor	t for th	e analys	is of the abo	ove samples is	applicable
ly to those samples received by the laboratory with this COC. The lia	bility of the laboratory is limited to the amount paid for o	on the report.												
Conviratach					28	verene -		a 22 ani	x (1999-1917-1917-19	3.24	1 States	envi	otech-inc.co	n
	5795 US Highway 64, Farmington, NM 87401 24 Hour Emergency Response Phone (800) 362-1879				Ph	(505) 8	532-188	1 Fx (505) 632-186	5	- la		virolech-inc.	S.S.F.O.F

Project In	formatio	n						Chain of (Custody					a-	105	7-0	$\hat{\mathbf{n}}$	1		Page <u>(</u> of
Client: Project: (Project M		Asape	ahe			Addr	Bill To ntion:	Enterpri	fe f	Clab P	wo#	La	ib Us		y Jumber	(0)	т, 1D	AT	RCRA	EPA Program CWA SDWA
Address: City, State Phone: Email: Report du	AS	hley	, Mr	t×nel	1	<u>City,</u> <u>Phor</u> <u>Emai</u>	ne:			DRO/ORO by 8015	GRO/DRO by 8015				Chloride 300.0	/lethoo		TX		State NM CO UT AZ X OK Image: Colspan="2">Image: Colspan="2" Image: Cols
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	IR	5-	03		Lab Number	DRO/OI	GRO/DF	BTEX by 8021	VOC by 8260	Metals 6010	Chloride		K BGDOC-NM	BGDOC - TX		Remarks
1100	MIER	1016	1	Inc.	HD				4								1			
				38.33																
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Addition	al Instruc	tions:																		
I, (field sample time of collec				f this sample. I an ds for legal action			ng with or intentionally mislabellin	ng the sample loca	ation, date or								emp abo	ve 0 but l	less than 6 °C o	the day they are sampled or on subsequent days.
Relinquishe	d by: (Sign	TMU ature)	Date	16/21	Time /33 Time	0	Received by: (Signature)	17	Date 12:16 Date	-21	Time			Rece	ived on	ice:		b Us	e Only	
Reloand	ed by: (Sig	(Jav ature)	Date		12 Time	.35	Received by: (Signature)	1-	J2/18 Date	12/	Time	<u>)</u> . 4		T1 AVG	Temp °	c 4	<u>T2</u>			<u>T3</u>
Note: Sampl	es are discard	ded 30 days a	fter results		less othe		ments are made. Hazardous s aboratory is limited to the an			lient or			p - pc	oly/pla	istic, ag	- ambe				bove samples is applicable
E	3e	Analy	ro	tec	h		lighway 64, Farmington, NM 874 mergency Response Phone (800	and an and a second second				Pł	1 (505)	632-188	1 Fx (505)	632-186	5	la		virotech-inc.com envirotech-inc.com

Envirotech Analytical Laboratory

lient:	Souder Miller Associates - Carlsbad	Date Received:	12/18/21	10.43	Work Order ID:	E112078
hone:		Date Logged In:	12/16/21		Logged In By:	Caitlin Christian
mail:		Due Date:		17:00 (5 day TAT)	Logged III By.	Caltini Christian
<mark>Chain o</mark> t	f Custody (COC)					
	the sample ID match the COC?		Yes			
	the number of samples per sampling site location mate	h the COC	Yes			
	samples dropped off by client or carrier?		Yes	Carrier: Fed Ex		
	ne COC complete, i.e., signatures, dates/times, requeste	ed analyses?	Yes			
. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in t i.e, 15 minute hold time, are not included in this disucssion		Yes		<u>Commen</u>	ts/Resolution
ample '	Turn Around Time (TAT)					
	e COC indicate standard TAT, or Expedited TAT?		Yes			
	Cooler_					
. Was a	sample cooler received?		Yes			
. If yes,	was cooler received in good condition?		Yes			
. Was th	ne sample(s) received intact, i.e., not broken?		Yes			
0. Were	e custody/security seals present?		No			
1. If yes	s, were custody/security seals intact?		NA			
	he sample received on ice? If yes, the recorded temp is 4°C, i. Note: Thermal preservation is not required, if samples are minutes of sampling	received w/i 15	Yes			
	visible ice, record the temperature. Actual sample to	emperature: <u>4°</u>	<u>C</u>			
	<u>Container</u>					
	aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA NA			
	e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers?		Yes			
	appropriate volume/weight or number of sample containers?	rs collected?	Yes			
ield La			105			
	e field sample labels filled out with the minimum inform	mation:				
	Sample ID?		Yes			
	Date/Time Collected?		Yes	L		
	Collectors name?		No			
-	<u>Preservation</u> s the COC or field labels indicate the samples were pre	served?	No			
	sample(s) correctly preserved?	301 900 1	NO			
	o filteration required and/or requested for dissolved me	etals?	No			
	ase Sample Matrix		110			
-	the sample have more than one phase, i.e., multiphase	e?	No			
	s, does the COC specify which phase(s) is to be analyz		NA			
-			11/1			
	ract Laboratory	.n	No			
	a subcontract laboratory specified by the client and if s		NO NA	Subcontract Lab: n/a		
>. was	a successful are incortatory specified by the chefit and its	55 WHO:	1471	Subconnact Lab. II/a		

Client Instruction

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



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

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:
Enterprise Field Services, LLC	241602
PO Box 4324	Action Number:
Houston, TX 77210	97276
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved. Going forward, please obtain prior approval from OCD when backfilling excavated soil into excavation. OCD will require detailed protocols pertaining to the sampling of the soil stockpile.	5/17/2022