Received by OCD: 4/27/2022 2:48:35 PM



Armando Martinez Project Manager Chevron Environmental Management Company 354 State Highway 38 Questa, NM 87556-0469 Work: 575.586.7639 Cell: 575.586.0811 amarti@chevron.com



April 26, 2022

New Mexico Oil Conservation Division, District II 811 S. First Ct Artesia, NM 88210

Re: South Culebra Bluff 5B Subsequent Soil Assessment Report 2RP-4736 & 2RP-4988 Eddy County, New Mexico

Dear whom it concerns,

Please find enclosed for your filed, copies of the following:

• South Culebra Bluff 5B – April 26, 2022 Subsequent Soil Assessment Report

The Subsequent Soil Assessment Report was prepared by Arcadis U.S., Inc. (Arcadis) on behalf of Chevron Environmental Management Company (CEMC).

Please do not hesitate to call Scott Foord with Arcadis at 713.953.4853 or myself at 575.586.0811, should you have any questions.

Sincerely,

Ando may

Armando Martinez

Encl. South Culebra Bluff 5B, 2RP-4736 & 2RP-4988 Subsequent Soil Assessment Report

cc. Amy Barnhill, Chevron/MCBU

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

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Incident ID	nAB1813054688/
	nMAP1827464486
District RP	2RP-4736 &
	2RP-4988
Facility ID	30-015-22922
Application ID	pAB1813054619

Release Notification

Responsible Party

Responsible Party: Chevron USA Inc.	OGRID: 4323
Contact Name: Armando Martinez	Contact Telephone: 575.586.7639
Contact email: amarti@chevron.com	Incident # (assigned by OCD): nAB1813054688/ nMAP182746486
Contact mailing address:	

Location of Release Source

Latitude 32.202121

Longitude <u>-104.046208</u> (NAD 83 in decimal degrees to 5 decimal places)

Site Name: South Culebra Bluff 5BSite Type: Central Tank BatteryDate Release Discovered: April 27, 2018/September 16, 2018API# (if applicable): 30-015-22922

Unit Letter	Section	Township	Range	County
L	13	238	28E	Eddy

Surface Owner: State Federal Tribal Private (Name: _____)

Nature and Volume of Release

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

0 bbls
e units)
e 4-inch diameter
sed by the
e 4- sed

installation of a clamp further down the line that was intended to stop a separate release. The production water flowed approximately 240-feet into a neighboring pasture.

2RP-4988: In September 2018, approximately 40 bbls of production water were released when the transfer pump at the Site was turned on, but the valve at the Candelario 24-1 SWD was closed. This release followed approximately the same flow-path as the April 2018 release. The release flowed into a known archeological site(s).

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Oil Conservation Division

nAB1813054688/
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pAB1813054619

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Was this a major	If YES, for what reason(s) does the responsible party consider this a major release? Release volume of		
release as defined by	second release is unknown.		
19.15.29.7(A) NMAC?			
🛛 Yes 🗌 No			
If YES, was immediate n	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?		
Yes, Josh Turner contacted Mike Bratcher, Maria Pruett, and Shelly Tucker via email on September 16, 2018.			

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 Nam	e: <u>Armando Martinez</u>	Title:	Project Manager	
Signature:	Ando MA		Date:4/26/22	
email: <u>ar</u>	narti@chevron.com	Telephone:	<u>575.586.7639</u>	

eceived by OCD:	4/27/2022	2:48:35 PM State	of New Mexico

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Oil Conservation Division

	Page 4 of 13
Incident ID	nAB1813054688/
	nMAP1827464486
District RP	2RP-4736 &
	2RP-4988
Facility ID	30-015-22922
Application ID	pAB1813054619

OCD Only	
Received by:	Date:

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>30</u> (ft bgs)
Did this release impact groundwater or surface water?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🛛 Yes 🗌 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🛛 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🗌 Yes 🛛 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🛛 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a wetland?	🛛 Yes 🗌 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🛛 Yes 🗌 No
Are the lateral extents of the release within a 100-year floodplain?	🛛 Yes 🗌 No
Did the release impact areas not on an exploration, development, production, or storage site?	🗌 Yes 🖂 No

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

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District RP	2RP-4736 &
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Facility ID	30-015-22922
Application ID	pAB1813054619

Characterization Report Checklist: Each of the following items must be included in the report.				
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.				
🛛 Field data				
Data table of soil contaminant concentration data				
Depth to water determination				
Determination of water sources and significant watercourses within ¹ / ₂ -mile of the lateral extents of the release				
Boring or excavation logs				
Photographs including date and GIS information – Photographs will be provided in the subsequent assessment report.				
Topographic/Aerial maps				
Laboratory data including chain of custody				

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

regulations all operator public health or the en- failed to adequately in	rs are required to report and/or file certain vironment. The acceptance of a C-141 rep vestigate and remediate contamination tha	release notifications and port by the OCD does not t pose a threat to groundy	nowledge and understand that pursuant to OCD rules and perform corrective actions for releases which may endanger relieve the operator of liability should their operations have vater, surface water, human health or the environment. In y for compliance with any other federal, state, or local laws
Printed Name:	Armando Martinez	Title:	Project Manager
Signature: email: <u>amarti@c</u>		Telephone:	Date: _4/26/22
OCD Only Received by:		Da	te:



Chevron Environmental Management Company

Subsequent Soil Assessment Report

South Culebra Bluff 5B Section 13, Township 23 South, Range 38 East Eddy County, New Mexico NMOCD Case No. 2RP-4736 & 2RP-4988

April 26, 2022

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Subsequent Soil Assessment Report

Subsequent Soil Assessment Report

South Culebra Bluff 5B Section 13, Township 23 South, Range 38 East Eddy County, New Mexico NMOCD Case No. 2RP-4736 & 2RP-4988

April 26, 2022

Prepared By:

Arcadis U.S., Inc. 10205 Westheimer Road, Suite 800 Houston Texas 77042 Phone: 713 953 4800 Fax: 713 977 4620

Our Ref: 30103364

Prepared For:

Armando Martinez Operations Lead - Central Chevron Environmental Management Company P.O. Box 469 Questa, NM 87564

Sarah Johnson Project Task Manager I

Just 2001

Scott Foord, P.G. Certified Project Manager

www.arcadis.com SCB 5B 2021 Soil Assessment Report GC Released to Imaging: 10/6/2022 11:32:12 AM Subsequent Soil Assessment Report

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- Figure 2. Soil Sample Location Map
- Figure 3. Soil Analytical Results Map

Appendices

- Appendix A Initial Release Response Activities
- Appendix B Soil Borings
- Appendix C Cumulative Analytical Results
- Appendix D Analytical Report

.

Subsequent Soil Assessment Report

1 Introduction

Arcadis U.S., Inc. (Arcadis) has prepared this Subsequent Soil Assessment Report (Report) on behalf of Chevron Environmental Management Company (CEMC), summarizing soil assessment activities conducted in 2021 at the South Culebra Bluff (SCB) 5B (Site). Data presented in the report was collected in September 2021.

The Site is located approximately 3.15 miles northeast of Loving in the United States Bureau of Land Management (BLM) Unit Letter L, Section 13, Township 23 South, Range 38 East, Eddy County, New Mexico (**Figure 1**).

2 Project Summary

2.1 2RP-4736

Approximately 19 barrels (bbls) of produced water were released in April 2018 from the 4-inch diameter polyline that transfers water from the Site to the Candelario 24-1 saltwater disposal (SWD) well. The release was caused by the installation of a clamp further down the line that was intended to stop a separate release. The production water flowed approximately 240-feet into a neighboring pasture. Five shallow soil samples were collected within the release area by Souder Miller and Associates (SMA) following the April 2018 release. The Initial C-141 Form was submitted to the New Mexico Oil Conservation Division (NMOCD) on May 8, 2018 and assigned remediation permit number 2RP-4736.

2.2 2RP-4988

In September 2018, approximately 40 bbls of production water were released when the transfer pump at the Site was turned on while the valve at the Candelario 24-1 SWD was in the closed position. This release followed approximately the same flow-path as the April 2018 release. The release flowed into a known archeological site(s). The previous operator filed a request with the United States Bureau of Land Management (BLM) to access the Site. However, available files do not indicate the nature of the request, and no BLM approval has been identified. The Initial C-141 Form was submitted to the NMOCD on September 27, 2018 and assigned remediation permit number 2RP–4988.

A summary of the initial release response activities for both releases is included as Appendix A.

3 2021 Soil Assessment

Following the 2020 soil sampling event (further discussed in **Appendix A**), Arcadis conducted a virtual meeting with the BLM and NMOCD to discuss the potential path forward for the Site. In accordance with the BLM and NMOCD discussion, Arcadis performed a background sampling event at the Site to determine whether a Site-specific screening level for chloride could be proposed and utilized in future assessment activities.

During September 22-24, Arcadis personnel collected 60 soil samples from 15 locations (SB-1 through SB-15) surrounding the spill area to evaluate background chloride concentrations in the soil and further delineate the perimeter of the release area. The soil samples were collected with a hand auger at depths ranging from the

surface (0-0.5 feet) to 6 feet below ground surface (bgs). The soil samples were collected in four-ounce jars provided by Pace Analytical Laboratory (Pace) located in Mount Juliet, Tennessee and shipped overnight to Pace via FedEx. Upon receival by laboratory, the soil samples were analyzed for chloride by United States Protection Agency (USEPA) Method 300. Soils were characterized and logged by a field geologist based on the Unified Soil Classification System (USCS), including texture, structure, and consistency at each sample location from surface to total depths encountered within each boring. Soil boring logs are included in **Appendix B**.

4 Soil Analytical Results

The soil sample analytical results were compared to the New Mexico Administration Code (NMAC) closure screening levels for chloride for a site with a depth to groundwater less than 50 feet bgs specified in **Table 1** within revised Rule 19.15.29.12.E(2). A summary of the soil sample analytical results is presented in **Table 1**. Cumulative soil analytical results are presented in **Appendix C**. Copies of the certified analytical reports and chain-of-custody documentation from Pace are presented in **Appendix D**. The soil analytical map is presented in **Figure 3**.

4.1 Chloride Results

Chloride exceeded the NMAC closure screening standard of 600 milligrams per kilogram (mg/kg) in 14 of 60 samples collected, with concentrations ranging from 788 mg/kg at SB-06 (5-6 feet bgs) to 12,500 mg/kg at SB-01 (5-6 feet bgs).

5 Recommendation

Analytical results associated with recent assessment activities conducted in 2021 confirm naturally occurring background concentrations for chloride near the Site are below the applicable NMAC closure screening criteria of 600 mg/Kg, therefore the NMAC closure screening criteria will continue to be utilized for delineation/remediation purposes. As such, chloride concentrations in soil at the Site will require further horizontal and vertical delineation as previously requested by BLM. Additional assessment activities will be evaluated, and a proposed scope will be included in a Work Plan that will be submitted to NMOCD for review and approval.

Tables

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Sample I.D. No.	Sample Depth (feet bgs)	Date	Chloride	
			(mg/kg)	
	01.0.51	NMAC Standards 9/22/2021	600 11,600	
	0'-0.5' 1'-2'	9/22/2021	2,980	
SB-01	3'-4'	9/22/2021	3,210	
	5'-6'	9/22/2021	12,500	
	0'-0.5'	9/22/2021	<25.3	
SB-02	1'-2'	9/22/2021	11.6 J	
00-02	3'-4'	9/22/2021	<22.7	
	5'-6'	9/22/2021	12.0 J	
	0'-0.5' 1'-2'	9/22/2021 9/22/2021	<23.8 13.9 J	
SB-03	3'-4'	9/22/2021	129	
	5'-6'	9/22/2021	275	
	0'-0.5'	9/22/2021	24.8	
SB-04	1'-2'	9/22/2021	75.8	
00-04	3'-4'	9/22/2021	236	
	5'-6'	9/22/2021 9/22/2021	883	
	0'-0.5' 1'-2'	9/22/2021	2,740 4,450	
SB-05	3'-4'	9/22/2021	11,500	
	5'-6'	9/22/2021	1,480	
	0'-0.5'	9/22/2021	10.6 J	
SB-06	1'-2'	9/22/2021	149	
30-00	3'-4'	9/22/2021	821	
	5'-6'	9/22/2021	788	
	0'-0.5' 1'-2'	9/22/2021 9/22/2021	<25.1 20.6 J	
SB-07	3'-4'	9/22/2021	20.6 J 54.1	
	5'-6'	9/22/2021	1,580	
	0'-0.5'	9/22/2021	<25.7	
SB-08	1'-2'	9/22/2021	<23.1	
30-00	3'-4'	9/22/2021	<24.6	
	5'-6'	9/22/2021	16.4 J	
	0'-0.5'	9/22/2021	13.2 J	
SB-09	<u>1'-2'</u> 3'-4'	9/22/2021 9/22/2021	39.2 <20.2	
	5'-6'	9/22/2021	126	
	0'-0.5'	9/22/2021	<20.1	
00.40	1'-2'	9/22/2021	13.5 J	
SB-10	3'-4'	9/22/2021	12.3 J	
	5'-6'	9/22/2021	37.6	
	0'-0.5'	9/22/2021	<20.4	
SB-11	<u>1'-2'</u> 3'-4'	9/22/2021 9/22/2021	27.3 249	
	5'-6'	9/22/2021	249 171	
	0'-0.5'	9/22/2021	17.1 14.7 J	
00.40	1'-2'	9/22/2021	64.1	
SB-12	3'-4'	9/22/2021	401	
	5'-6'	9/22/2021	402	
	0'-0.5'	9/22/2021	<20.3	
SB-13	1'-2'	9/22/2021	10.5 J	
	3'-4'	9/22/2021 9/22/2021	<25.3	
	5'-6' 0'-0.5'	9/22/2021	156 <20.1	
	1'-2'	9/22/2021	21.7	
SB-14	3'-4'	9/22/2021	44.5	
	5'-6'	9/22/2021	1,070	
	0'-0.5'	9/22/2021	<23.7	
an :-	1'-2'	9/22/2021	12.4 J	
SB-15	3'-4'	9/22/2021	250	
	5'-6'	9/22/2021	1,220	

Legend: **Bold/Italics** = Analytes exceed NMAC Standards

mg/kg: Milligram per Kilogram NMAC : New Mexico Administration Code

': Indicates one foot

< : Not detected at the Reporting Detection Limit.

J: The identification of the analyte is acceptable; the reported value is an estimate.

bgs: below ground surface

Notes:

1. Chloride analyzed by EPA Method 300

2. Closure Criteria New Mexico Administrative Code 19.15.29.12.E(2)



.

Figures

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DOCUMENT PATH: T./_ENV/CHEVRON_UEM_SCB BLUFF 58-UEM220_EDDY COUNTY_UM/MXD/F3 - SOIL ANALYTICAL MAP. MAD



Initial Release Response Activities



Initial Release Response Activities

June 2019 Archaeological Assessment

On June 24, 2019, PaleoWest Archaeology (PaleoWest) assessed the effects of the spills on two archaeological sites located within the spill area (LA145129 and Harroun Canal (HCPI40428)). The results of the assessment were submitted to the BLM by Arcadis in the *Archeological Assessment of the Effects of an Oil Spill on L145129 and the Harroun Canal (HCPI40428) near Loving, Eddy County, New Mexico Report* dated June 28, 2019. Arcadis proposed additional soil assessment activities (sample locations) to the BLM in August 2019 to further assess the releases and received approval from the BLM via email on September 9, 2019 with the stipulations listed in the Notice of Stipulations.

On August 28, 2019, CEMC submitted a site status letter to the NMOCD requesting review of the previously submitted documents (SMA July 2018 South Culebra Bluff 5B to Candelario 4" Polyline Release Report and SMA September 2018 South Culebra Bluff 5B to Candelario 4" Polyline Release Report). Robert Hamlet with the NMOCD requested that CEMC continue with additional soil assessment activities to establish horizontal and vertical delineation with the stipulation that because the release is located on an archaeological site, a Professional Archaeologist must be present during sampling.

2020 Soil Assessment

During April 6-7, 2020, Arcadis personnel collected soil samples at 21 locations within the two release areas at the Site:

- A-2, A-3
- B-3, B-4
- C-2, C-3, C-4, C-5
- D-1, D-2, D-3
- D-5, D-6, D-7
- E-1, E-2, E-3
- F-2, F-3
- L-1, and L-2

The soil samples were collected with a hand auger at the surface and then at 2-foot intervals to a depth of approximately 6 feet below ground surface (bgs). The soil samples were analyzed for chloride by United States Environmental Protection Agency (USEPA) Method 300.



Soil Borings

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Drilling Drilling	art/Finish: Company: Method: ⊢ ng Method:	9/22/2021 Arcadis land Auger Grab	Borehole Depth: 6.0' Surface Elevation: NS Descriptions By: CG	Well/Boring ID: SB-1 Client: Chevron Location: SCBU #5, Eddie County, New Mexico
DEPTH	Sample Interval	Geologic Column	Stratigraphic De	scription
	0-0.5'		Fine sand, slightly silty, slightly moist brown	
-	- 1-2'		Strong earthy smell, dark brown, very fine sand, slight silty	
-	- 3-4'		Slight hydrocarbon smell, fine sand to silt, moist, dark brown	
5	5-6'		Silty sand, slight hydrocarbon smell, dark brown, moist End of boring at 6.0' bgs	

Remarks: 1. Below Ground Surface (bgs) 2. Not Surveyed (NS) RCADIS Project: 30103364 Template: LPTEMPLATE_HA_Final Page: 1 of 1 Date: 2/1/2022

Date Starf Drilling Co Drilling M Sampling	ompany: ethod: ⊦	9/22/2021 Arcadis land Auger Grab	Borehole Depth: 6.0' Surface Elevation: NS Descriptions By: CG	Well/Boring ID: SB-2 Client: Chevron Location: SCBU #5, Eddie County, New Mexico
DEPTH	Sample Interval	Geologic Column	Stratigraphic	c Description
0 0-			Very fine sand, dry, light tan	
	0-0.5'			
_			slightly damp, fine to very fine sand, brown	
	1-2'			
-			reddish brown, moist, very fine	
	3-4'			
_				
·5 5-				
.o 2−	5-6'		reddish brown, damp, very fine sand, silty	
			End of boring at 6.0' bgs	

Remarks: 1. Below Ground Surface (bgs) 2. Not Surveyed (NS) ARCADIS C Project: 30103364 Template: LPTEMPLATE_HA_Final Page: 1 of 1 Date: 2/1/2022

Date Start Drilling Co Drilling M Sampling	ompany: ethod: ⊦	9/22/2021 Arcadis land Auger Grab	Borehole Depth: 6.0' Surface Elevation: NS Descriptions By: CG	Well/Boring ID: SB-3 Client: Chevron Location: SCBU #5, Eddie County, New Mexico
DEPTH	Sample Interval	Geologic Column	Stratigraph	ic Description
U U-			Fine sand, brown, dry	
_	0-0.5'			
	1-2'		Very fine to fine sand, reddish brown, light moist	
-				
-				
	3-4'		Very fine, reddish brown, moist	
-				
5 5-	5-6'		Very fine, reddish brown, damp, some silt	
			End of boring at 6.0' bgs	

Remarks: 1. Below Ground Surface (bgs) 2. Not Surveyed (NS) ARCADIS C Project: 30103364 Template: LPTEMPLATE_HA_Final Page: 1 of 1 Date: 2/1/2022

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Date Start Drilling Co Drilling M Sampling	ompany: ethod: H	9/22/2021 Arcadis and Auger Grab	Borehole De Surface Eleva Descriptions	ation: NS	Well/Boring ID: SB-4 Client: Chevron Location: SCBU #5, Eddie County, New Mexico
рертн	Sample Interval	Geologic Column		Stratigraphic Des	scription

	·····	Dry, brown, light silty
	<u></u>	
	· <u>····</u> ·	
0-0.5'	· · · · · · · · · ·	
	· · · · · · · · · ·	
		Dry, fine sand, reddish brown
	•••••	Dry, fine sand, reddish brown
	••••••	
1-2'		
	••••••	
	•••••	
	·····	
		light, moist, very fine, reddish brown
3-4'		
0-4		
	•••••	
-5 5-	••••••••••••••••••••••••••••••••••••••	
100 EU		Reddish brown, very fine sand, moist
	•••••	
5-6'	·····	
5-0		
	<mark></mark>	End of boring at 6.0' bgs
	1 1	

 Remarks: 1. Below Ground Surface (bgs)

 2. Not Surveyed (NS)

 Project: 30103364

 Template: LPTEMPLATE_HA_Final

 Data File: SB_4

 Date: 2/1/2022

 Created/Edited by: TP

	ved by OCD: 4/27/2022 2:48:35 PM Page 24 op					
Date Start/Finish:9/22/2021Drilling Company:ArcadisDrilling Method:Hand AugerSampling Method:Grab		Arcadis and Auger	Borehole Depth: 6.0' Surface Elevation: NS Descriptions By: CG	Well/Boring ID: SB-5 Client: Chevron Location: SCBU #5, Eddie County, New Mexico		
ОЕРТН	Sample Interval	Geologic Column	Stratigraphic Desc	ription		
			liekk hynom, ereino			
	0-0.5'		light brown, grainy			
	1-2'		Dark Brown. Light moist, sandy			
	3-4'		Silty sandy, light moist, dark brown			
-5 5-	5-6'					
			End of boring at 6.0' bgs			

Remarks: 1. Below Ground Surface (bgs) 2. Not Surveyed (NS) ARCADIS C Project: 30103364 Template: LPTEMPLATE_HA_Final Page: 1 of 1 Date: 2/1/2022

ived by OCD: 4/27/2022 2:48:35 PM Page 25 0					
Date Start/Finish:9/24/2021Drilling Company:ArcadisDrilling Method:Hand AugerSampling Method:Grab		Arcadis land Auger	Borehole Depth: 6.0' Surface Elevation: NS Descriptions By: CG	Well/Boring ID: SB-6 Client: Chevron Location: SCBU #5, Eddie County, New Mexico	
DEPTH	Sample Interval	Geologic Column	Stratigraphic Des	cription	
[° °]	ĺ		Dry, tan, very fine, powdery sand		
	0-0.5'				
	0-0.3				
			Reddish brown, very fine, lightly damp sand		
	1-2'				
			Brown, damp, fine sand		
	3-4'				
-5 5-			Brown, moist, fine sand		
	5-6'				
			End of boring at 6.0' bgs		
		1	l		



	Date Start/Finish: 9/24/2021 Drilling Company: Arcadis Drilling Method: Hand Auger Sampling Method: Grab		9/24/2021 Arcadis and Auger	Borehole Depth: 6.0' Surface Elevation: NS Descriptions By: CG	Page 26 of Well/Boring ID: SB-7 Client: Chevron Location: SCBU #5, Eddie County, New Mexico
	DEPTH	Sample Interval	Geologic Column	Stratigraphic Desc	ription
1	_v v_			Tau da for and	
		0-0.5'		Tan, dry, fine sand	
		1-2'		Reddish brown, fine sand, dry	
		3-4'		Light damp, fine sand, brown	
	-5 5-	5-6'		Dark brown, damp, sandy clay	
			, , , , , , , , , , , , , , , , , , ,	End of boring at 6.0' bgs	

 Remarks: 1. Below Ground Surface (bgs)

 2. Not Surveyed (NS)

 Project: 30103364
 Template: LPTEMPLATE_HA_Final

 Data File: SB_7
 Date: 2/1/2022

 Remarks: 1. Below Ground Surface (bgs)

 Project: 30103364

 Template: LPTEMPLATE_HA_Final

 Data File: SB_7

 Data: 2/1/2022

 Created/Edited by: TP

Date Start Drilling Co Drilling M Sampling	t/Finish: ompany: ∣ethod: ⊢	7/2022 2:48:35 1 9/23/2021 Arcadis land Auger Grab	Borehole Depth: 6.0' Surface Elevation: NS Descriptions By: CG	Page 27 of Well/Boring ID: SB-8 Client: Chevron Location: SCBU #5, Eddie County, New Mexico
рертн	Sample Interval	Geologic Column	Stratigraphic	Description
	0-0.5'		Fine sand, light brown, dry	
	1-2'		Dry, brown, very fine sand	
	3-4'		Very light damp brown, very fine sand	
-5 5-	5-6'		Light damp brown, very fine sand	
			End of boring at 6.0' bgs	

Remarks: 1. Below Ground Surface (bgs) 2. Not Surveyed (NS) ARCADIS C Project: 30103364 Template: LPTEMPLATE_HA_Final Page: 1 of 1 Date: 2/1/2022

Data File: SB_8 Released to Imaging: 10/6/2022 11:32:12 AM

en	<i>ived by OCD: 4/27/2022 2:48:35 PM</i>					
	Date Start/Finish:9/23/2021Drilling Company:ArcadisDrilling Method:Hand AugerSampling Method:Grab		Arcadis and Auger	Borehole Depth: 6.0' Surface Elevation: NS Descriptions By: CG	Well/Boring ID: SB-9 Client: Chevron Location: SCBU #5, Eddie County, New Mexico	
	DЕРТН	Sample Interval	Geologic Column	Stratigraphic Desc	ription	
1						
	_, ,,	0-0.5'		Tan, dry, very fine sand Dry, reddish brown, very fine silty sand		
		1-2'				
		3-4'	<u>+</u>	Lightly damp, very fine sand, tan		
	-5 5-	5-6'		Damp, very fine brown sand		
				End of boring at 6.0' bgs		



Data File: SB_9 Released to Imaging: 10/6/2022 11:32:12 AM

Date Star Drilling C Drilling M	Date Start/Finish: 9/23/2021 Drilling Company: Arcadis Drilling Method: Hand Auger Sampling Method: Grab		Borehole Depth: 6.0' Surface Elevation: NS Descriptions By: CG	Well/Boring ID: SB-10 Client: Chevron Location: SCBU #5, Eddie County, New Mexico
DEPTH	Sample Interval	Geologic Column	Stratigraphic D	Description
	0-0.5'		Very fine sand, dry, light tan Very fine sand, slightly silty, dry tan Very fine clumpy sand, light brown, damp earthy organic odor	
-5 5-	5-6'		Brown damp sand, earthy odor End of boring at 6.0' bgs	



en	ived by OCD: 4/27/2022 2:48:35 PM Page 30					
	Date Start/Finish:9/23/2021Drilling Company:ArcadisDrilling Method:Hand AugerSampling Method:Grab			Borehole Depth: 6.0' Surface Elevation: NS Descriptions By: CG	Well/Boring ID: SB-11 Client: Chevron Location: SCBU #5, Eddie County, New Mexico	
	ДЕРТН	Sample Interval Geologic Column		Stratigraphic Des	Stratigraphic Description	
	-0 1/-					
	-0 0-	0-0.5'		Brown, dry, fine sand		
	_			Very fine, clumpy sand, light silty, dry		
-	-	1-2'				
-	_					
		3-4'		Brown fine sand, lightly damp		
1-	_					
	-5 5-			Brown, lightly damp, fine sand		
		5-6'				
ľ				End of boring at 6.0' bgs		



Received by OCD: 4/27/2022 2:48:35 PM

Date Start Drilling Co Drilling M	Date Start/Finish: 9/23/2021 Drilling Company: Arcadis Drilling Method: Hand Auger Sampling Method: Grab		Borehole Depth: 6.0' Surface Elevation: NS Descriptions By: CG	Well/Boring ID: SB-12 Client: Chevron Location: SCBU #5, Eddie County, New Mexico
DEPTH	Sample Interval	Geologic Column	Stratigraphic Description	
			Varyfing cand clickthy city light caddide beauty de-	
	0-0.5'		Very fine sand, slightly silty, light reddish brown, dry	
	1-2'		Very fine sand, lightly damp, reddish brown	
	3-4'		Silty Sand, brown, damp, earthy odor	
			Office Good analysis because along angles 115	
	5-6'		Silty Sand, moist, brown, damp, malleable	
			End of boring at 6.0' bgs	

 Remarks: 1. Below Ground Surface (bgs)

 2. Not Surveyed (NS)

 Project: 3010364
 Template: LPTEMPLATE_HA_Final

 Data File: SB_12
 Date: 2/1/2022

 Created/Edited by: TP

 Remarks: 1. Below Ground Surface (bgs)

 2. Not Surveyed (NS)

Received by OCD: 4/27/2022 2:48:35 PM

en	rived by OCD: 4/27/2022 2:48:35 PM Page 32					
	Date Start/Finish:9/23/2021Drilling Company:ArcadisDrilling Method:Hand AugerSampling Method:Grab		Arcadis and Auger	Borehole Depth: 6.0' Surface Elevation: NS Descriptions By: CG	Well/Boring ID: SB-13 Client: Chevron Location: SCBU #5, Eddie County, New Mexico	
	DEPTH	Sample Interval	Geologic Column	Stratigraphic Description		
ī	v			Tan, fine, clumpy sand, dry, lightly silty		
		0-0.5'		ran, nne, ciumpy sano, dry, ligntiy siity		
				Light reddish brown, fine sand, lightly damp		
		1-2'				
2				Very fine sand, lightly damp, reddish brown		
		3-4'				
	5 5			Moist, slightly clumpy, very fine sand, brown		
		5-6'		End of boring at 6.0' bgs		

 Remarks: 1. Below Ground Surface (bgs)

 2. Not Surveyed (NS)

 Project: 30103364
 Template: LPTEMPLATE_HA_Final

 Data File: SB_13
 Date: 2/1/2022

 Created/Edited by: TP

 Remarks: 1. Below Ground Surface (bgs)

 2. Not Surveyed (NS)

avea by O	ived by OCD: 4/27/2022 2:48:35 PM Page 33 o					
Date Start/Finish:9/23/2021Drilling Company:Arcadis			Borehole Depth: 6.0' Surface Elevation: NS	Well/Boring ID: SB-14		
Drilling M	Drilling Method: Hand Auger Sampling Method: Grab		Surface Elevation: NS Descriptions By: CG	Client: Chevron		
Sampling	method:	Grab		Location: SCBU #5, Eddie County, New Mexico		
		_				
	Sample Interval	Geologic Column				
т	nhe In	logic C	Stratigraphic Do	escription		
DEPTH	San	Geo				
			Dry fine sand, tan			
	0-0.5'					
			Dry fine sand, tan			
	1-2'					
			Light damp, fine sand, light brown			
	3-4'					
-5 5-			Brown, damp, fine sand, slightly silty			
	5-6'					
			End of boring at 6.0' bgs			

Remarks: 1. Below Ground Surface (bgs) 2. Not Surveyed (NS) C ARCADIS Project: 30103364 Template: LPTEMPLATE_HA_Final Page: 1 of 1 Date: 2/1/2022

		/2022 2:48:35		Page 34
Date Start Drilling Co Drilling Mo Sampling	ompany: ethod: H	9/23/2021 Arcadis land Auger Grab	Borehole Depth: 6.0' Surface Elevation: NS Descriptions By: CG	Well/Boring ID: SB-15 Client: Chevron Location: SCBU #5, Eddie County, New Mexico
ДЕРТН	Sample Interval	Geologic Column	Stratigraph	nic Description
DE	0)	0		
۲۰ V				
			Brown, dry, fine sand	
	0-0.5'			
			Reddish brown, dry, very fine sand	
	1-2'			
_				
			Light damp, reddish brown, very fine sand	
	3-4'			
_				
-5 5-			Moist, brown, very fine sand, slightly silty	
	5-6'			
			End of boring at 6.0' bgs	

Remarks: 1. Below Ground Surface (bgs) 2. Not Surveyed (NS) ARCADIS C Project: 30103364 Template: LPTEMPLATE_HA_Final Page: 1 of 1 Date: 2/1/2022

Data File: SB_15 Released to Imaging: 10/6/2022 11:32:12 AM



Cumulative Analytical Results

Table 1 Cumaltive Soil Analytical Results Chevron Environmental Management Company SCB 5 B Lea County, New Mexico

Sample I.D. No.	Sample Depth (feet bgs)	Date	Chloride
			(mg/kg)
	0 - 6"	NMAC Standards	600
	2'	04/07/20 04/07/20	1,840 773 F1
A-2	4'	04/07/20	2,260
	6'	04/07/20	635
	0 - 6"	04/07/20	189
A 2	2'	04/07/20	993
A-3	6'	04/07/20 04/07/20	1,140 501
	0	04/07/20	501
	0 - 6"	04/06/20	762
	2'	04/06/20	467
B-3	4'	04/06/20	3,960
	6'	04/06/20	5,310
	0 - 6"	04/06/20	1,820
	2'	04/06/20	2,200
B-4	4'	04/06/20	4,350
	6'	04/06/20	6,310
	0 - 6"	04/07/20	963
<u> </u>	2'	04/07/20	483
C-2	4' 6'	04/07/20 04/07/20	506 1,680
	U	04/07/20	1,080
	0 - 6"	04/07/20	643
	2'	04/07/20	244
C-3	4'	04/07/20	215
	6'	04/07/20	457
	0.0"	0.1/00/00	7.010
	0 - 6" 2'	04/06/20 04/06/20	<u>7,310</u> 1,070
C-4	4'	04/06/20	9,440
04	6'	04/06/20	11,300
	, , , , , , , , , , , , , , , , , , ,	0 1/00/20	
	0 - 6"	04/06/20	1,880
	2'	04/06/20	2,880
C-5	4'	04/06/20	11,500
	6'	04/06/20	15,800
	0 - 6"	04/07/20	2,850
	2'	04/07/20	558
D-1	4'	04/07/20	3,070
	6'	04/07/20	7,490
	0.11 0.11	0.1/07/00	
	0"- 6" 2'	04/07/20 04/07/20	896 117 F1 & F2
D-2	4'	04/07/20	148
52	6'	04/07/20	298
	0"- 6"	04/07/20	371
F •	2'	04/07/20	291 F1
D-3	4'	04/07/20	199
	6'	04/07/20	1,030
	0" - 6"	04/06/20	666
	2'	04/06/20	1,170
D-5	4'	04/06/20	19,500 F1
	6'	04/06/20	6,320
	0" 0"	04/00/00	
	0" - 6" 2'	04/06/20 04/06/20	865 575
D-6	4'	04/06/20	6,040
	6'	04/06/20	5,440
	0" - 6"	04/06/20	365
	2'	04/06/20	417
D-7	4'	04/06/20	2,140
	6'	04/06/20	1,490 F1
	0" - 6"	04/08/20	25,200
	2'	04/08/20	790
E-1	4'	04/08/20	389
	6'	04/08/20	480
	0"-6"	04/07/20	2,250
E-2	<u>2'</u> 4'	04/07/20 04/07/20	366 1,080
L-2	6'	04/07/20	403
		o norreo	400
1			



.
Table 1 Cumaltive Soil Analytical Results Chevron Environmental Management Company SCB 5 B Lea County, New Mexico

Sample I.D. No.	Sample Depth (feet bgs)	Date	Chloride
			(mg/kg)
		NMAC Standards	600
	0"-6"	04/07/20	9,220 F1
F 2	2'	04/07/20	1,050
E-3	4' 6'	04/07/20 04/07/20	353 890
	0"-6"	04/08/20	5,510
	2'	04/08/20	1,120
F-2	4'	04/08/20	633
	6'	04/08/20	551 F1
	0"-6"	04/08/20	1,060
= 0	2'	04/08/20	907
F-3	4' 6'	04/08/20 04/08/20	7,120 4,640
	0"-6"	04/08/20	0.450
	2'	04/08/20 04/08/20	<u>9,150</u> 5,930
L-1	4'	04/08/20	10,100
	6'	04/08/20	11,000
	0"-6"	04/08/20	5,920
	2'	04/08/20	6,340 F1 & F2
L-2	4'	04/08/20	9,350
	6'	04/08/20	10,700
	0'-0.5'	09/22/21	11,600
05.5	1'-2'	09/22/21	2,980
SB-01	3'-4' 5'-6'	09/22/21 09/22/21	<u>3,210</u> 12,500
	0'-0.5'	09/22/21	<25.3
SB-02	1'-2' 3'-4'	09/22/21 09/22/21	11.6 J <22.7
30-02	5'-6'	09/22/21	12.0 J
	0'-0.5'	09/22/21	<23.8
	1'-2'	09/22/21	13.9 J
SB-03	3'-4'	09/22/21	129
	5'-6'	09/22/21	275
	0'-0.5'	09/22/21	24.8
SB-04	1'-2' 3'-4'	09/22/21 09/22/21	75.8 236
30-04	5'-6'	09/22/21	883
	0'-0.5'	09/22/21	2,740
	1'-2'	09/22/21	4,450
SB-05	3'-4'	09/22/21	11,500
	5'-6'	09/22/21	1,480
	0'-0.5'	09/24/21	10.6 J
	1'-2'	09/24/21	149
SB-06	3'-4' 5'-6'	09/24/21 09/24/21	821 788
	0'-0.5' 1'-2'	09/24/21 09/24/21	<25.1 20.6 J
SB-07	3'-4'	09/24/21	54.1
	5'-6'	09/24/21	1,580
	0'-0.5'	09/23/21	<25.7
	1'-2'	09/23/21	<23.1
SB-08	3'-4'	09/23/21	<24.6
	5'-6'	09/23/21	16.4 J
	0'-0.5'	09/23/21	13.2 J
6B 00	1'-2'	09/23/21	39.2
SB-09	3'-4' 5'-6'	09/23/21 09/23/21	<20.2 126
	0'-0.5' 1'-2'	09/23/21 09/23/21	<20.1
SB-10	3'-4'	09/23/21	<u>13.5 J</u> 12.3 J
	5'-6'	09/23/21	37.6
	0'-0.5'	09/23/21	<20.4
	1'-2'	09/23/21	27.3
SB-11	3'-4'	09/23/21	249
	5'-6'	09/23/21	171
	0'-0.5'	09/23/21	14.7 J
CD 40	1'-2'	09/23/21	64.1
SB-12	3'-4' 5'-6'	09/23/21 09/23/21	401 402
1	5-0	00120121	402



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Table 1 Cumaltive Soil Analytical Results Chevron Environmental Management Company SCB 5 B Lea County, New Mexico

Sample I.D. No.	Sample Depth (feet bgs)	Date	Chloride
			(mg/kg)
		NMAC Standards	600
	0'-0.5'	09/23/21	<20.3
	1'-2'	09/23/21	10.5 J
SB-13	3'-4'	09/23/21	<25.3
	5'-6'	09/23/21	156
	0'-0.5'	09/23/21	<20.1
	1'-2'	09/23/21	21.7
SB-14	3'-4'	09/23/21	44.5
	5'-6'	09/23/21	1,070
	0'-0.5'	09/23/21	<23.7
	1'-2'	09/23/21	12.4 J
SB-15	3'-4'	09/23/21	250
	5'-6'	09/23/21	1,220

Legend: F1: MS and/or MSD recovery exceeds control limits F2: MS/MSD RPD exceeds control limits **Bold/Italics** = Analytes exceed NMAC Standards mg/kg: Milligram per Kilogram NMAC : New Mexico Administration Code ' : Indicates one foot '' : Indicated inches here below around europe

bgs: below ground surface

Notes:

Chloride analyzed by EPA Method 300
Closure Criteria New Mexico Administrative Code 19.15.29.12.E(2)





.



Analytical Report

Pace Analytical®

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	CAL REPORT	¹ Cp
		² Tc
ARCADIS US - New M	exico	³ Ss
Sample Delivery Group:	L1409220	Cn
Samples Received:	09/25/2021	⁵ Sr
Project Number:	30103364	
Description:	SCB-5B	⁶ Qc
Site:	SCB-5B	7
Report To:	Scott Foord	GI
	1004 N Big Spring Street	⁸ AI
	Suite 121	9
	Midland, TX 79701	Sc

Entire Report Reviewed By:

Erica Mc Neese

Erica McNeese Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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SDG: L1409220

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DATE/TIME: 10/05/21 15:14

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Sc

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SAMPLE SUMMARY

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Sc

	SAMPLES					
SB-05-S-0.5-210922 L1409220-01 Solid			Collected by Carlos G.	Collected date/time 09/22/21 13:10	Received da 09/25/21 09	
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
Fotal Solids by Method 2540 G-2011	WG1749355	1	10/01/21 13:42	10/01/21 13:48	KDW	Mt. Juliet, TN
Vet Chemistry by Method 300.0	WG1750229	5	10/01/21 17:55	10/01/21 22:47	ELN	Mt. Juliet, TN
			Collected by			
SB-05-S-1-2-210922 L1409220-02 Solid			Carlos G.	09/22/21 13:20	09/25/21 09	:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1749355	1	10/01/21 13:42	10/01/21 13:48	KDW	Mt. Juliet, TN
Vet Chemistry by Method 300.0	WG1750229	20	10/01/21 17:55	10/01/21 22:56	ELN	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
SB-05-S-3-4-210922 L1409220-03 Solid			Carlos G.	09/22/21 13:25	09/25/21 09	:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1749355	1	10/01/21 13:42	10/01/21 13:48	KDW	Mt. Juliet, TN
Net Chemistry by Method 300.0	WG1750229	100	10/01/21 17:55	10/01/21 23:06	ELN	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
SB-05-S-5-6-210922 L1409220-04 Solid			Carlos G.	09/22/21 13:40	09/25/21 09	:45
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
Fotal Solids by Method 2540 G-2011	WG1749355	1	10/01/21 13:42	10/01/21 13:48	KDW	Mt. Juliet, TN
Net Chemistry by Method 300.0	WG1750229	5	10/01/21 17:55	10/01/21 23:16	ELN	Mt. Juliet, TN
			Collected by	Collected date/time		
SB-04-S-0.5-210922 L1409220-05 Solid			Carlos G.	09/22/21 13:45	09/25/21 09	:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Fotal Solids by Method 2540 G-2011	WG1749355	1	10/01/21 13:42	10/01/21 13:48	KDW	Mt. Juliet, TN
Vet Chemistry by Method 300.0	WG1750229	1	10/01/21 17:55	10/01/21 23:25	ELN	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
SB-04-S-1-2-210922 L1409220-06 Solid			Carlos G.	09/22/21 13:50	09/25/21 09	:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1749355	1	10/01/21 13:42	10/01/21 13:48	KDW	Mt. Juliet, TN
Net Chemistry by Method 300.0	WG1750229	1	10/01/21 17:55	10/01/21 23:35	ELN	Mt. Juliet, TN
			Collecto V	Collecto I. I. I. IV	Dessi	4 - /4i
SB-04-S-3-4-210922 L1409220-07 Solid			Collected by Carlos G.	Collected date/time 09/22/21 14:00	Received date/time 09/25/21 09:45	
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
		2	date/time	date/time		
Total Solids by Method 2540 G-2011	WG1749355	1	10/01/21 13:42	10/01/21 13:48	KDW	Mt. Juliet, TN
	WG1750229					

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SB-04-S-5-6-210922 L1409220-08 Solid			Collected by Carlos G.	Collected date/time 09/22/21 14:08	Received da 09/25/21 09	
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
Total Solids by Method 2540 G-2011	WG1749355	1	10/01/21 13:42	10/01/21 13:48	KDW	Mt. Juliet, TN
Net Chemistry by Method 300.0	WG1750229	1	10/01/21 17:55	10/01/21 23:54	ELN	Mt. Juliet, TN
			Collected by	Collected date/time		
SB-03-S-0.5-210922 L1409220-09 Solid			Carlos G.	09/22/21 14:15	09/25/21 09	:45
Vethod	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1749355	1	10/01/21 13:42	10/01/21 13:48	KDW	Mt. Juliet, TN
Net Chemistry by Method 300.0	WG1750229	1	10/01/21 17:55	10/02/21 00:51	ELN	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
SB-03-S-1-2-210922 L1409220-10 Solid			Carlos G.	09/22/21 14:25	09/25/21 09	:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1749355	1	10/01/21 13:42	10/01/21 13:48	KDW	Mt. Juliet, TN
Net Chemistry by Method 300.0	WG1750229	1	10/01/21 17:55	10/02/21 01:00	ELN	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
SB-03-S-3-4-210922 L1409220-11 Solid			Carlos G.	09/22/21 14:30	09/25/21 09	:45
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
Total Solids by Method 2540 G-2011	WG1749356	1	10/01/21 13:33	10/01/21 13:40	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750229	1	10/01/21 17:55	10/02/21 01:10	ELN	Mt. Juliet, TN
			Collected by	Collected date/time		
SB-03-S-5-6-210922 L1409220-12 Solid			Carlos G.	09/22/21 14:35	09/25/21 09	:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1749356	1	10/01/21 13:33	10/01/21 13:40	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750229	1	10/01/21 17:55	10/02/21 01:19	ELN	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
SB-02-S-0.5-210922 L1409220-13 Solid			Carlos G.	09/22/21 15:15	09/25/21 09	:45
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
Total Salida by Mathad 2540 C 2011	WC1740050	1	date/time	date/time		N# 1!:== T*
Total Solids by Method 2540 G-2011 Wet Chemistry by Method 300.0	WG1749356 WG1750229	1 1	10/01/21 13:33 10/01/21 17:55	10/01/21 13:40 10/02/21 01:29	KDW ELN	Mt. Juliet, TN Mt. Juliet, TN
wer chennstry by method 500.0	WG1/30229	I	10/01/21 17:00	10/02/21 01.29	LLIN	mi. Jullet, TN
			Collected by	Collected date/time		
SB-02-S-1-2-210922 L1409220-14 Solid			Carlos G.	09/22/21 15:20	09/25/21 09	:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1749356	1	10/01/21 13:33	10/01/21 13:40	KDW	Mt. Juliet, TN

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SB-02-S-3-4-210922 L1409220-15 Solid			Collected by Carlos G.	Collected date/time 09/22/21 15:25	Received da 09/25/21 09	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1749356	1	10/01/21 13:33	10/01/21 13:40	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750229	1	10/01/21 17:55	10/02/21 01:48	ELN	Mt. Juliet, TN
			Collected by Carlos G.	Collected date/time 09/22/21 15:30	Received da 09/25/21 09	
SB-02-S-5-6-210922 L1409220-16 Solid			Canos O.	03/22/21 13:30	03/23/2103	-10
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1749356	1	10/01/21 13:33	10/01/21 13:40	KDW	Mt. Juliet, TN
Net Chemistry by Method 300.0	WG1750229	1	10/01/21 17:55	10/02/21 02:16	ELN	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
SB-01-S-0.5-210922 L1409220-17 Solid			Carlos G.	09/22/21 15:40	09/25/21 09	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1749356	1	10/01/21 13:33	10/01/21 13:40	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750229	100	10/01/21 17:55	10/02/21 02:26	ELN	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
SB-01-S-1-2-210922 L1409220-18 Solid			Carlos G.	09/22/21 15:45	09/25/21 09	45
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
Total Solids by Method 2540 G-2011	WG1749356	1	10/01/21 13:33	10/01/21 13:40	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750229	5	10/01/21 17:55	10/02/21 02:35	ELN	Mt. Juliet, TN
			Collected by		Received date/time	
SB-01-S-3-4-210922 L1409220-19 Solid			Carlos G.	09/22/21 15:55	09/25/21 09	45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1749356	1	10/01/21 13:33	10/01/21 13:40	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750229	5	10/01/21 17:55	10/02/21 02:54	ELN	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
SB-01-S-5-6-210922 L1409220-20 Solid			Carlos G.	09/22/21 16:05	09/25/21 09	45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1749356	1	10/01/21 13:33	10/01/21 13:40	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750229	100	10/01/21 17:55	10/02/21 03:04	ELN	Mt. Juliet, TN
			Collected by	Collected date/time		
SB-10-S-0.5-210923 L1409220-21 Solid			Carlos G.	09/23/21 10:15	09/25/21 09	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Tatal Salida by Mathed 2E40 C 2011	WG1749357	1	10/01/21 15:50	10/01/21 15:56	KDW	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	W61/1555/		10/0 //21 10:00			

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SB-10-S-1-2-210923 L1409220-22 Solid			Collected by Carlos G.	Collected date/time 09/23/2110:30	Received da 09/25/21 09	
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
Total Solids by Method 2540 G-2011	WG1749357	1	10/01/21 15:50	10/01/21 15:56	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750524	1	10/02/21 19:44	10/03/21 03:57	ELN	Mt. Juliet, TN
			Collected by	Collected date/time		
SB-10-S-3-4-210923 L1409220-23 Solid			Carlos G.	09/23/2110:35	09/25/21 09	:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1749357	1	10/01/21 15:50	10/01/21 15:56	KDW	Mt. Juliet, TN
Net Chemistry by Method 300.0	WG1750524	1	10/02/21 19:44	10/03/21 04:06	ELN	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
SB-10-S-5-6-210923 L1409220-24 Solid			Carlos G.	09/23/2110:45	09/25/21 09	:45
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
Total Solids by Method 2540 G-2011	WG1749357	1	10/01/21 15:50	10/01/21 15:56	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750524	1	10/02/21 19:44	10/03/21 04:16	ELN	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
SB-11-S-0.5-210923 L1409220-25 Solid			Carlos G.	09/23/2110:55	09/25/21 09	
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
include in the second se	Batch	Dilation	date/time	date/time	7 mary se	Location
Total Solids by Method 2540 G-2011	WG1749357	1	10/01/21 15:50	10/01/21 15:56	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750524	1	10/02/21 19:44	10/03/21 04:25	ELN	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
SB-11-S-1-2-210923 L1409220-26 Solid			Carlos G.	09/23/21 11:00	09/25/21 09	:45
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
Total Solids by Method 2540 G-2011	WG1749357	1	10/01/21 15:50	10/01/21 15:56	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750524	1	10/02/21 19:44	10/03/21 04:35	ELN	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
SB-11-S-3-4-210923 L1409220-27 Solid			Carlos G.	09/23/21 11:10	09/25/21 09	:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1749357	1	10/01/21 15:50	10/01/21 15:56	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750524	1	10/02/21 19:44	10/03/21 04:44	ELN	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
SB-11-S-5-6-210923 L1409220-28 Solid			Carlos G.	09/23/21 11:15	09/25/21 09	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
	WG1749357	1	10/01/21 15:50	10/01/21 15:56	KDW	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG1/49337		10/01/21 15.50	10/01/21 13:30	ND W	mit. Sunct, m

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SB-12-S-0.5-210923 L1409220-29 Solid			Collected by Carlos G.	Collected date/time 09/23/21 11:30	Received da 09/25/21 09	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011 Wet Chemistry by Method 300.0	WG1749357 WG1750524	1 1	10/01/21 15:50 10/02/21 19:44	10/01/21 15:56 10/03/21 05:51	KDW ELN	Mt. Juliet, TN Mt. Juliet, TN
SB-12-S-1-2-210923 L1409220-30 Solid			Collected by Carlos G.	Collected date/time 09/23/21 11:35	Received da 09/25/21 09	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011 Wet Chemistry by Method 300.0	WG1749357 WG1750524	1 1	10/01/21 15:50 10/02/21 19:44	10/01/21 15:56 10/03/21 06:00	KDW ELN	Mt. Juliet, TN Mt. Juliet, TN
SB-12-S-3-4-210923 L1409220-31 Solid			Collected by Carlos G.	Collected date/time 09/23/21 11:40	Received da 09/25/21 09	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011 Wet Chemistry by Method 300.0	WG1749359 WG1750524	1 1	10/01/21 15:43 10/02/21 19:44	10/01/21 15:49 10/03/21 06:10	KDW ELN	Mt. Juliet, TN Mt. Juliet, TN
SB-12-S-5-6-210923 L1409220-32 Solid			Collected by Carlos G.	Collected date/time 09/23/21 11:50	Received date/time 09/25/21 09:45	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011 Wet Chemistry by Method 300.0	WG1749359 WG1750524	1 1	10/01/21 15:43 10/02/21 19:44	10/01/21 15:49 10/03/21 06:19	KDW ELN	Mt. Juliet, TN Mt. Juliet, TN
SB-13-S-0.5-210923 L1409220-33 Solid			Collected by Carlos G.	Collected date/time 09/23/21 12:00	Received date/time 09/25/21 09:45	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011 Wet Chemistry by Method 300.0	WG1749359 WG1750524	1 1	10/01/21 15:43 10/02/21 19:44	10/01/21 15:49 10/03/21 06:29	KDW ELN	Mt. Juliet, TN Mt. Juliet, TN
SB-13-S-1-2-210923 L1409220-34 Solid			Collected by Carlos G.	Collected date/time 09/23/21 12:10	Received date/time 09/25/21 09:45	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011 Wet Chemistry by Method 300.0	WG1749359 WG1750524	1 1	10/01/21 15:43 10/02/21 19:44	10/01/21 15:49 10/03/21 06:38	KDW ELN	Mt. Juliet, TN Mt. Juliet, TN
SB-13-S-3-4-210923 L1409220-35 Solid			Collected by Carlos G.	Collected date/time 09/23/21 12:15	Received da 09/25/21 09	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011 Wet Chemistry by Method 300.0	WG1749359 WG1750524	1 1	10/01/21 15:43 10/02/21 19:44	10/01/21 15:49 10/03/21 06:48	KDW ELN	Mt. Juliet, TN Mt. Juliet, TN

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SB-13-S-5-6-210923 L1409220-36 Solid			Collected by Carlos G.	Collected date/time 09/23/21 12:25	Received da 09/25/21 09	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011 Wet Chemistry by Method 300.0	WG1749359 WG1750524	1 1	10/01/21 15:43 10/02/21 19:44	10/01/21 15:49 10/03/21 07:17	KDW ELN	Mt. Juliet, TN Mt. Juliet, TN
SB-14-S-0.5-210923 L1409220-37 Solid			Collected by Carlos G.	Collected date/time 09/23/21 13:50	Received da 09/25/21 09	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011 Wet Chemistry by Method 300.0	WG1749359 WG1750524	1 1	10/01/21 15:43 10/02/21 19:44	10/01/21 15:49 10/03/21 07:26	KDW ELN	Mt. Juliet, TN Mt. Juliet, TN
SB-14-S-1-2-210923 L1409220-38 Solid			Collected by Carlos G.	Collected date/time 09/23/21 13:55	Received da 09/25/21 09	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011 Wet Chemistry by Method 300.0	WG1749359 WG1750524	1 1	10/01/21 15:43 10/02/21 19:44	10/01/21 15:49 10/03/21 07:36	KDW ELN	Mt. Juliet, TN Mt. Juliet, TN
SB-14-S-3-4-210923 L1409220-39 Solid			Collected by Carlos G.	Collected date/time 09/23/21 14:00	Received date/time 09/25/21 09:45	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011 Wet Chemistry by Method 300.0	WG1749359 WG1750524	1 1	10/01/21 15:43 10/02/21 19:44	10/01/21 15:49 10/03/21 07:55	KDW ELN	Mt. Juliet, TN Mt. Juliet, TN
SB-14-S-5-6-210923 L1409220-40 Solid			Collected by Carlos G.	Collected date/time 09/23/21 14:10	Received date/time 09/25/21 09:45	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011 Wet Chemistry by Method 300.0	WG1749359 WG1750524	1 5	10/01/21 15:43 10/02/21 19:44	10/01/21 15:49 10/03/21 08:04	KDW ELN	Mt. Juliet, TN Mt. Juliet, TN
SB-15-S-0.5-210923 L1409220-41 Solid			Collected by Carlos G.	Collected date/time 09/23/21 14:15	Received date/time 09/25/21 09:45	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011 Wet Chemistry by Method 300.0	WG1749360 WG1750526	1 1	10/01/21 15:37 10/04/21 11:14	10/01/21 15:42 10/04/21 15:04	KDW ELN	Mt. Juliet, TN Mt. Juliet, TN
SB-15-S-1-2-210923 L1409220-42 Solid			Collected by Carlos G.	Collected date/time 09/23/21 14:20	Received da 09/25/21 09	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011 Wet Chemistry by Method 300.0	WG1749360 WG1750526	1	10/01/21 15:37 10/04/21 11:14	10/01/21 15:42 10/04/21 15:13	KDW ELN	Mt. Juliet, TN

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SB-15-S-3-4-210923 L1409220-43 Solid			Collected by Carlos G.	Collected date/time 09/23/21 14:25	Received da 09/25/21 09	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1749360	1	10/01/21 15:37	10/01/21 15:42	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750526	1	10/04/21 11:14	10/04/21 15:23	ELN	Mt. Juliet, TN
			Collected by	Collected date/time		
SB-15-S-5-6-210923 L1409220-44 Solid			Carlos G.	09/23/21 14:30	09/25/21 09	:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1749360	1	10/01/21 15:37	10/01/21 15:42	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750526	5	10/04/21 11:14	10/04/21 15:32	ELN	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
SB-09-S-0.5-210923 L1409220-45 Solid			Carlos G.	09/23/2115:00	09/25/21 09	:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1749360	1	10/01/21 15:37	10/01/21 15:42	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750526	1	10/04/21 11:14	10/04/21 15:42	ELN	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
SB-09-S-1-2-210923 L1409220-46 Solid			Carlos G.	09/23/21 15:10	09/25/21 09	:45
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
Total Solids by Method 2540 G-2011	WG1749360	1	10/01/21 15:37	10/01/21 15:42	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750526	1	10/04/21 11:14	10/04/21 15:51	ELN	Mt. Juliet, TN
SB-09-S-3-4-210923 L1409220-47 Solid			Collected by Carlos G.	Collected date/time 09/23/21 15:15	Received da 09/25/21 09	
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
wiethou	Datch	Dilution	date/time	date/time	Analysi	LUCATION
Total Solids by Method 2540 G-2011	WG1749360	1	10/01/21 15:37	10/01/21 15:42	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750526	1	10/04/21 11:14	10/04/21 16:01	ELN	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
SB-09-S-5-6-210923 L1409220-48 Solid			Carlos G.	09/23/21 15:20	09/25/21 09	:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1749360	1	10/01/21 15:37	10/01/21 15:42	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750526	1	10/04/21 11:14	10/04/21 16:10	ELN	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
SB-08-S-0.5-210923 L1409220-49 Solid			Carlos G.	09/23/21 15:35	09/25/21 09	:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1749360	1	10/01/21 15:37	10/01/21 15:42	KDW	Mt. Juliet, TN

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SB-08-S-1-2-210923 L1409220-50 Solid			Collected by Carlos G.	Collected date/time 09/23/21 15:40	Received da 09/25/21 09	
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
Total Solids by Method 2540 G-2011	WG1749360	1	10/01/21 15:37	10/01/21 15:42	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750526	1	10/04/21 11:14	10/04/21 17:17	ELN	Mt. Juliet, TN
			Collected by	Collected date/time		
SB-08-S-3-4-210923 L1409220-51 Solid			Carlos G.	09/23/21 15:45	09/25/2109	:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1749361	1	10/01/21 12:54	10/01/21 13:02	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750526	1	10/04/21 11:14	10/04/21 17:26	ELN	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
SB-08-S-5-6-210923 L1409220-52 Solid			Carlos G.	09/23/21 15:50	09/25/21 09	:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1749361	1	10/01/21 12:54	10/01/21 13:02	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750526	1	10/04/21 11:14	10/04/21 17:36	ELN	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
SB-07-S-0.5-210924 L1409220-53 Solid			Carlos G.	09/24/21 09:40	09/25/21 09	
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
Total Solids by Method 2540 G-2011	WG1749361	1	10/01/21 12:54	10/01/21 13:02	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750526	1	10/04/21 11:14	10/04/21 17:45	ELN	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
SB-07-S-1-2-210924 L1409220-54 Solid			Carlos G.	09/24/21 09:50	09/25/21 09	:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1749361	1	10/01/21 12:54	10/01/21 13:02	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750526	1	10/04/21 11:14	10/04/21 17:55	ELN	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
SB-07-S-3-4-210924 L1409220-55 Solid			Carlos G.	09/24/21 09:55	09/25/21 09	:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1749361	1	10/01/21 12:54	10/01/21 13:02	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750526	1	10/04/21 11:14	10/04/21 18:04	ELN	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
SB-07-S-5-6-210924 L1409220-56 Solid			Carlos G.	09/24/21 10:05	09/25/21 09	
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
Total Solids by Method 2540 G-2011	WG1749361	1	10/01/21 12:54	10/01/21 13:02	KDW	Mt. Juliet, TN

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			Collected by	Collected date/time	Received da	te/time
SB-06-S-0.5-210924 L1409220-57 Solid			Carlos G.	09/24/21 10:15	09/25/21 09	:45
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
Total Solids by Method 2540 G-2011	WG1749361	1	10/01/21 12:54	10/01/21 13:02	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750526	1	10/04/21 11:14	10/04/21 18:42	ELN	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
SB-06-S-1-2-210924 L1409220-58 Solid			Carlos G.	09/24/2110:20	09/25/21 09	:45
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
Total Solids by Method 2540 G-2011	WG1749361	1	10/01/21 12:54	10/01/21 13:02	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750526	1	10/04/21 11:14	10/04/21 18:52	ELN	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
SB-06-S-3-4-210924 L1409220-59 Solid			Carlos G.	09/24/21 10:30	09/25/21 09	:45
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
Total Solids by Method 2540 G-2011	WG1749361	1	10/01/21 12:54	10/01/21 13:02	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750526	1	10/04/21 11:14	10/04/21 19:11	ELN	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
SB-06-S-5-6-210924 L1409220-60 Solid			Carlos G.	09/24/21 10:40	09/25/21 09	:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1749361	1	10/01/21 12:54	10/01/21 13:02	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750526	1	10/04/21 11:14	10/04/21 19:21	ELN	Mt. Juliet, TN

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CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Erica Mc Neese

Erica McNeese Project Manager



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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	96.8		1	10/01/2021 13:48	WG1749355	тс

Wet Chemistry by Method 300.0									
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	2740		47.5	103	5	10/01/2021 22:47	WG1750229		CII

SAMPLE RESULTS - 02 L1409220

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	 Ср
Analyte	%			date / time		2
Total Solids	93.1		1	10/01/2021 13:48	WG1749355	Tc

Wet Chemistry by Method 300.0

Wet Chemistry by Method 300.0									
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	4450		198	430	20	10/01/2021 22:56	WG1750229		СП

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SAMPLE RESULTS - 03 L1409220

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	83.2		1	10/01/2021 13:48	WG1749355	¯Тс

Wet Chemistry by Method 300.0

Wet Chemistry by Method 300.0									
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	11500		1110	2400	100	10/01/2021 23:06	<u>WG1750229</u>		



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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	92.0		1	10/01/2021 13:48	<u>WG1749355</u>	Tc

Wet Chemistry by Method 300.0

Wet Chemistry by Method 300.0									
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	1480		50.0	109	5	10/01/2021 23:16	WG1750229		

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SAMPLE RESULTS - 05 L1409220

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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	96.9		1	10/01/2021 13:48	<u>WG1749355</u>	¯Тс

Wet Chemistry by Method 300.0

Wet Chemistry by Method 300.0									ິSs
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	24.8		9.49	20.6	1	10/01/2021 23:25	WG1750229		CII



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SAMPLE RESULTS - 06 L1409220

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	98.7		1	10/01/2021 13:48	WG1749355	¯Тс

Wet Chemistry by Method 300.0

Wet Chemistry by Method 300.0									ິSs
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	75.8		9.32	20.3	1	10/01/2021 23:35	WG1750229		CII



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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	 Ср
Analyte	%			date / time		2
Total Solids	98.4		1	10/01/2021 13:48	<u>WG1749355</u>	Tc

Wet Chemistry by Method 300.0									ິSs
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	236		9.35	20.3	1	10/01/2021 23:44	WG1750229		CII

SAMPLE RESULTS - 08 L1409220

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	92.6		1	10/01/2021 13:48	WG1749355	¯Тс

Wet Chemistry by Method 300.0

Wet Chemistry by Method 300.0									³ Ss
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	883		9.94	21.6	1	10/01/2021 23:54	WG1750229		СП

⁶ Qc	
⁷ Gl	
⁸ Al	
⁹ Sc	

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SDG: L1409220

SAMPLE RESULTS - 09 L1409220

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	- Ср
Analyte	%			date / time		2
Total Solids	83.9		1	10/01/2021 13:48	WG1749355	Tc

Wet Chemistry by Method 300.0									³ Ss
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	U		11.0	23.8	1	10/02/2021 00:51	WG1750229		CII

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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	- Ср
Analyte	%			date / time		2
Total Solids	81.1		1	10/01/2021 13:48	<u>WG1749355</u>	ŤС

Wet Chemistry by Method 300.0									³ Ss
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	13.9	J	11.3	24.7	1	10/02/2021 01:00	WG1750229		CII

SAMPLE RESULTS - 11 L1409220

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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	 Ср
Analyte	%			date / time		2
Total Solids	81.2		1	10/01/2021 13:40	<u>WG1749356</u>	Tc

Wet Chemistry by Method 300.0

Wet Chemistry	Wet Chemistry by Method 300.0									
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch			
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn	
Chloride	129		11.3	24.6	1	10/02/2021 01:10	WG1750229		CII	



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SAMPLE RESULTS - 12 L1409220

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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	76.6		1	10/01/2021 13:40	WG1749356	¯Тс

Wet Chemist	Wet Chemistry by Method 300.0									
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch			
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn	
Chloride	275		12.0	26.1	1	10/02/2021 01:19	WG1750229		CII	

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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	79.2		1	10/01/2021 13:40	<u>WG1749356</u>	¯Тс

Wet Chemistry by Method 300.0

Wet Chemistr	Wet Chemistry by Method 300.0									
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch			
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn	
Chloride	U		11.6	25.3	1	10/02/2021 01:29	WG1750229		CII	

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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	84.1		1	10/01/2021 13:40	WG1749356	² Тс

Wet Chemistry by Method 300.0										
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch			
Analyte	mg/kg		mg/kg	mg/kg		date / time		4		
Chloride	11.6	J	10.9	23.8	1	10/02/2021 01:38	WG1750229			

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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	88.0		1	10/01/2021 13:40	WG1749356	¯Тс

Wet Chemistry by Method 300.0

Wet Chemistry by Method 300.0									
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	U		10.5	22.7	1	10/02/2021 01:48	WG1750229		CII

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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	86.9		1	10/01/2021 13:40	WG1749356	¯Тс

Wet Chemistry	Wet Chemistry by Method 300.0									
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch			
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn	
Chloride	12.0	J	10.6	23.0	1	10/02/2021 02:16	WG1750229		СП	

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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	97.6		1	10/01/2021 13:40	WG1749356	² Тс

Wet Chemistry by Method 300.0

Wet Chemistry by Method 300.0									³ Ss
Result (dry) <u>Qualifier</u> MDL (dry) RDL (dry) Dilution Ana						Analysis Batch			
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	11600		942	2050	100	10/02/2021 02:26	<u>WG1750229</u>		CII

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SAMPLE RESULTS - 18 L1409220

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	87.9		1	10/01/2021 13:40	WG1749356	² Тс

Wet Chemistry by Method 300.0									³ Ss
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	2980		52.4	114	5	10/02/2021 02:35	WG1750229		СП



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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	87.0		1	10/01/2021 13:40	WG1749356	Tc

Wet Chemistry by Method 300.0								³ Ss	
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			4 Cn
Chloride	3210		52.9	115	5	10/02/2021 02:54	WG1750229		СП

SAMPLE RESULTS - 20 L1409220

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	91.5		1	10/01/2021 13:40	WG1749356	¯Тс

Wet Chemistry by Method 300.0

Wet Chemistry by Method 300.0									³ Ss
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	12500		1010	2190	100	10/02/2021 03:04	WG1750229		



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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	99.3		1	10/01/2021 15:56	WG1749357	Tc

Wet Chemist	Wet Chemistry by Method 300.0								
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			4 Cn
Chloride	U		9.27	20.1	1	10/03/2021 03:47	WG1750524		CII

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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	 Ср
Analyte	%			date / time		2
Total Solids	98.3		1	10/01/2021 15:56	WG1749357	^ˆ Тс

Wet Chemistry by Method 300.0

Wet Chemistry	Wet Chemistry by Method 300.0									
Result (dry) <u>Qualifier</u> MDL (dry) RDL (dry) Dilution Analysis <u>Batch</u>										
Analyte	mg/kg		mg/kg	mg/kg		date / time		4	⁴ Cn	
Chloride	13.5	J	9.36	20.3	1	10/03/2021 03:57	WG1750524		CII	

SDG: L1409220

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SAMPLE RESULTS - 23 L1409220

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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	 Ср
Analyte	%			date / time		2
Total Solids	95.3		1	10/01/2021 15:56	<u>WG1749357</u>	Tc

Wet Chemistry by Method 300.0

Wet Chemistry by Method 300.0									³ Ss
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	12.3	J	9.65	21.0	1	10/03/2021 04:06	WG1750524		

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SAMPLE RESULTS - 24 L1409220

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	98.3		1	10/01/2021 15:56	WG1749357	Tc

Wet Chemistry by Method 300.0

Wet Chemistry by Method 300.0									
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	37.6		9.35	20.3	1	10/03/2021 04:16	WG1750524		



SDG: L1409220

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SAMPLE RESULTS - 25 L1409220

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	98.2		1	10/01/2021 15:56	<u>WG1749357</u>	Tc

Wet Chemistry by Method 300.0

Wet Chemistr	Wet Chemistry by Method 300.0									
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch			
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn	
Chloride	U		9.37	20.4	1	10/03/2021 04:25	WG1750524			



SDG: L1409220

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SAMPLE RESULTS - 26 L1409220

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1

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	— Cp
Analyte	%			date / time		2
Total Solids	95.0		1	10/01/2021 15:56	<u>WG1749357</u>	́Тс

Wet Chemistry by Method 300.0

Wet Chemistry	Wet Chemistry by Method 300.0									
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch			
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn	
Chloride	27.3		9.68	21.0	1	10/03/2021 04:35	WG1750524		CII	

SDG: L1409220

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SAMPLE RESULTS - 27 L1409220

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	98.3		1	10/01/2021 15:56	WG1749357	Тс

Wet Chemistry by Method 300.0

Wet Chemist	Wet Chemistry by Method 300.0								
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	249		9.36	20.3	1	10/03/2021 04:44	WG1750524		СП

SDG: L1409220

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SAMPLE RESULTS - 28 L1409220

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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	98.5		1	10/01/2021 15:56	WG1749357	¯Тс

Wet Chemistry by Method 300.0									³ Ss
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	171		9.34	20.3	1	10/03/2021 04:54	WG1750524		



SAMPLE RESULTS - 29 L1409220

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1

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	96.5		1	10/01/2021 15:56	<u>WG1749357</u>	¯Тс

Wet Chemistry by Method 300.0

Wet Chemistry by Method 300.0									
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	14.7	J	9.53	20.7	1	10/03/2021 05:51	WG1750524		CII



SDG: L1409220

SAMPLE RESULTS - 30 L1409220

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	98.3		1	10/01/2021 15:56	WG1749357	¯Тс

Wet Chemistry by Method 300.0									³ Ss
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	64.1		9.36	20.3	1	10/03/2021 06:00	<u>WG1750524</u>		



SAMPLE RESULTS - 31 L1409220

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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	95.9		1	10/01/2021 15:49	WG1749359	¯Тс

Wet Chemistr	Wet Chemistry by Method 300.0								
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	401		9.59	20.8	1	10/03/2021 06:10	WG1750524		

SAMPLE RESULTS - 32 L1409220

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch		-p
Analyte	%			date / time		2	
Total Solids	95.6		1	10/01/2021 15:49	WG1749359	ĹΤ	ГC

Wet Chemistry by Method 300.0

Wet Chemistry	Wet Chemistry by Method 300.0								
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	402		9.62	20.9	1	10/03/2021 06:19	WG1750524		CII

SDG: L1409220

SAMPLE RESULTS - 33 L1409220

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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch		Ср
Analyte	%			date / time		ſ	2
Total Solids	98.3		1	10/01/2021 15:49	<u>WG1749359</u>		ЪС

Wet Chemistry by Method 300.0									Ss
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	U		9.36	20.3	1	10/03/2021 06:29	WG1750524		CII



SAMPLE RESULTS - 34 L1409220

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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	96.7		1	10/01/2021 15:49	<u>WG1749359</u>	́Тс

Wet Chemistry by Method 300.0

Wet Chemistry by Method 300.0									
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time		4	$_{n}$
Chloride	10.5	J	9.51	20.7	1	10/03/2021 06:38	WG1750524		

SDG: L1409220

Repeired by 9CD: 212762922 2:48:35 PM Collected date/time: 09/23/21 12:15

SAMPLE RESULTS - 35 L1409220

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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	79.1		1	10/01/2021 15:49	WG1749359	Tc

Wet Chemistry by Method 300.0									
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	U		11.6	25.3	1	10/03/2021 06:48	WG1750524		СП

SAMPLE RESULTS - 36 L1409220

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	91.9		1	10/01/2021 15:49	WG1749359	¯Тс

Wet Chemistry by Method 300.0

Wet Chemistry by Method 300.0									
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	156		10.0	21.8	1	10/03/2021 07:17	WG1750524		CII



SDG: L1409220

SAMPLE RESULTS - 37 L1409220

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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	99.3		1	10/01/2021 15:49	WG1749359	¯Тс

Wet Chemistry by Method 300.0

Wet Chemistry by Method 300.0									³ Ss
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	U		9.27	20.1	1	10/03/2021 07:26	WG1750524		CII

SDG: L1409220

SAMPLE RESULTS - 38 L1409220

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	98.5		1	10/01/2021 15:49	WG1749359	¯Тс

Wet Chemistry by Method 300.0									
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	21.7		9.34	20.3	1	10/03/2021 07:36	WG1750524		CII



SAMPLE RESULTS - 39 L1409220

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	95.9		1	10/01/2021 15:49	<u>WG1749359</u>	Tc

Wet Chemist	Wet Chemistry by Method 300.0								³ Ss
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	44.5		9.59	20.9	1	10/03/2021 07:55	WG1750524		СП



SAMPLE RESULTS - 40 L1409220

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1

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	92.1		1	10/01/2021 15:49	<u>WG1749359</u>	¯Тс

Wet Chemistry by Method 300.0

Wet Chemistr	Wet Chemistry by Method 300.0								³ Ss
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	1070		50.0	109	5	10/03/2021 08:04	WG1750524		

SDG: L1409220

SAMPLE RESULTS - 41 L1409220

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1

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	84.5		1	10/01/2021 15:42	WG1749360	² Тс

Wet Chemistry by Method 300.0

Wet Chemistry by Method 300.0								Ss
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg	mg/kg		date / time		⁴ Cn
Chloride	U		10.9	23.7	1	10/04/2021 15:04	WG1750526	CII

SDG: L1409220

SAMPLE RESULTS - 42 L1409220

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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	 Ср
Analyte	%			date / time		2
Total Solids	92.8		1	10/01/2021 15:42	WG1749360	² Тс

Wet Chemistry by Method 300.0

Wet Chemistry by Method 300.0									Ss
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	12.4	J	9.92	21.6	1	10/04/2021 15:13	WG1750526		

SDG: L1409220

SAMPLE RESULTS - 43 L1409220

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch		Ср
Analyte	%			date / time		2	
Total Solids	96.5		1	10/01/2021 15:42	WG1749360	2.	Тс

Wet Chemistry by Method 300.0

Wet Chemistry by Method 300.0									Ss
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	250		9.53	20.7	1	10/04/2021 15:23	WG1750526		

SDG: L1409220

SAMPLE RESULTS - 44 L1409220

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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	93.6		1	10/01/2021 15:42	WG1749360	Tc

Wet Chemistry by Method 300.0									Ss
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	1220		49.2	107	5	10/04/2021 15:32	WG1750526		CII

SAMPLE RESULTS - 45 L1409220

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	98.7		1	10/01/2021 15:42	WG1749360	Tc

Wet Chemistry by Method 300.0

Wet Chemistry by Method 300.0									Ss
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	13.2	J	9.32	20.3	1	10/04/2021 15:42	WG1750526		

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SDG: L1409220

SAMPLE RESULTS - 46 L1409220

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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	 Ср
Analyte	%			date / time		2
Total Solids	98.0		1	10/01/2021 15:42	<u>WG1749360</u>	¯Тс

Wet Chemistry by Method 300.0									ຶSs
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	39.2		9.38	20.4	1	10/04/2021 15:51	WG1750526		

SAMPLE RESULTS - 47 L1409220

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	98.9		1	10/01/2021 15:42	WG1749360	тс

Wet Chemistry by Method 300.0

Wet Chemistry by Method 300.0									Ss
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	U		9.30	20.2	1	10/04/2021 16:01	WG1750526		

SDG: L1409220

SAMPLE RESULTS - 48 L1409220

1

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	- (Ср
Analyte	%			date / time		2	
Total Solids	98.4		1	10/01/2021 15:42	WG1749360		Тс

Wet Chemistry by Method 300.0									Ss
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	126		9.35	20.3	1	10/04/2021 16:10	WG1750526		CII

Repeired bg_QCB: 4/20/2023 2:48:35 PM Collected date/time: 09/23/21 15:35

SAMPLE RESULTS - 49 L1409220

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1

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	77.7		1	10/01/2021 15:42	<u>WG1749360</u>	Tc

Wet Chemistry by Method 300.0

Wet Chemistry by Method 300.0									Ss
Result (dry) <u>Qualifier</u> MDL (dry) RDL (dry) Dilution Analysis <u>Batch</u>									
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	U		11.8	25.7	1	10/04/2021 17:07	WG1750526		CII



SDG: L1409220

SAMPLE RESULTS - 50 L1409220

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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	86.6		1	10/01/2021 15:42	WG1749360	¯Тс

Wet Chemistry by Method 300.0

Wet Chemistr	Wet Chemistry by Method 300.0								
Result (dry) <u>Qualifier</u> MDL (dry) RDL (dry) Dilution Analysis <u>Batch</u>									
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	U		10.6	23.1	1	10/04/2021 17:17	WG1750526		CII



SDG: L1409220

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SAMPLE RESULTS - 51 L1409220

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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	81.4		1	10/01/2021 13:02	WG1749361	¯Тс

Wet Chemistry by Method 300.0

Wet Chemistry by Method 300.0									
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	U		11.3	24.6	1	10/04/2021 17:26	WG1750526		CII



SDG: L1409220

SAMPLE RESULTS - 52 L1409220

1

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	81.9		1	10/01/2021 13:02	WG1749361	¯Тс

Wet Chemistry by Method 300.0

Wet Chemistry by Method 300.0									
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	16.4	J	11.2	24.4	1	10/04/2021 17:36	WG1750526		

SDG: L1409220

DATE/TIME: 10/05/21 15:14

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SAMPLE RESULTS - 53 L1409220

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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	79.6		1	10/01/2021 13:02	WG1749361	¯Тс

Wet Chemistry	Wet Chemistry by Method 300.0									
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch			
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn	
Chloride	U		11.6	25.1	1	10/04/2021 17:45	WG1750526		CII	





SAMPLE RESULTS - 54 L1409220

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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	80.3		1	10/01/2021 13:02	<u>WG1749361</u>	ЪС

Wet Chemistry	Wet Chemistry by Method 300.0									
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch			
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn	
Chloride	20.6	J	11.5	24.9	1	10/04/2021 17:55	WG1750526		CII	

SAMPLE RESULTS - 55 L1409220

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	76.8		1	10/01/2021 13:02	WG1749361	Tc

Wet Chemistry	Wet Chemistry by Method 300.0									
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch			
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn	
Chloride	54.1		12.0	26.0	1	10/04/2021 18:04	WG1750526		CII	



SAMPLE RESULTS - 56 L1409220

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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	81.0		1	10/01/2021 13:02	WG1749361	тс

Wet Chemistry by Method 300.0

Wet Chemistry by Method 300.0									
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch		
Analyte	mg/kg		mg/kg	mg/kg		date / time			⁴ Cn
Chloride	1580		56.8	123	5	10/04/2021 18:33	WG1750526		CII

DATE/TIME: 10/05/21 15:14

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SAMPLE RESULTS - 57 L1409220

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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	87.4		1	10/01/2021 13:02	<u>WG1749361</u>	Tc

Wet Chemistry by Method 300.0

Wet Chemistry	by Method 300	0.0						Ss
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg	mg/kg		date / time		⁴ Cn
Chloride	10.6	J	10.5	22.9	1	10/04/2021 18:42	<u>WG1750526</u>	

SAMPLE RESULTS - 58 L1409220

1

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	97.1		1	10/01/2021 13:02	<u>WG1749361</u>	ЪС

Wet Chemistry by Method 300.0

Wet Chemisti	ry by Method 300	0.0						ຶSs
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg	mg/kg		date / time		⁴ Cn
Chloride	149		9.47	20.6	1	10/04/2021 18:52	WG1750526	



SDG: L1409220

DATE/TIME: 10/05/21 15:14

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SAMPLE RESULTS - 59 L1409220

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ср
Analyte	%			date / time		2
Total Solids	93.7		1	10/01/2021 13:02	WG1749361	¯Тс

Wet Chemistry by Method 300.0

Wet Chemistry	v by Method 300	0.0						Ss
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg	mg/kg		date / time		 ⁴ Cn
Chloride	821		9.82	21.3	1	10/04/2021 19:11	WG1750526	CII



SDG: L1409220

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SAMPLE RESULTS - 60 L1409220

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1

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	– Cp
Analyte	%			date / time		2
Total Solids	93.4		1	10/01/2021 13:02	WG1749361	Tc

Wet Chemistry by Method 300.0

Wet Chemistry	y by Method 300	0.0						Ss
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg	mg/kg		date / time		⁴ Cn
Chloride	788		9.85	21.4	1	10/04/2021 19:21	WG1750526	CII

SDG: L1409220

WG1749355	5 10d 2540 G-201	Ξ			QUALITY CONTROL 11409220-01.02.03.04.05.06	CONTROL SUMMARY 01.02.03.04.05.06.07.08.09.10			Rece
p Method Blank (M	B)								ived l
MB) R3711594-1 10/01/21 13:48 MB Result MB Qualifier MB MDL MB Rt Manalyte % % %	2113:48 MB Result %	MB Qualifier	MB MDL %	MB RDL %					by OCD: ∼
Total Solids	0.00100								4/27/2 m
010-0220-01 Ori	ginal Sample	(OS) • Dup	olicate ([(AUC)					2022 2 •
C(OS) L1409220-01 10/0	1/21 13:48 • (DUP) ₁	R3711594-3 10	0/01/21 13:48	~					:48
1:32	Original Result	DUP Result	Dilution DUP RPD	DUP RPD	DUP Qualifier DUP RPD Limits				:35 ; s
-12 	%	%		%	%				PM 0
WT otal Solids	96.8	96.8	-	0.0139	10				6 QC
Laboratory Control Sample (LCS)	ol Sample (L(CS)							
(LCS) R3711594-2 10/01/21 13:48	/21 13:48								5
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier				~
Analyte	%	%	%	%					Ī
Total Solids	50.0	50.0	<u> 6</u> .66	85.0-115					SC
									Pa
									ige 11
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	ACCOUNT:				PROJECT:	SDG:	DATE/TIME:	PAGE:	131
	ARCADIS US - New Mexico	0			30103364	L1409220	10/05/21 15:14	74 of 90	

WG174935	6 thod 2540 6-201	2			QUALITY CONTROL	NTROL SUMMARY			Rec
Method Blank (N	/B)								eived
MB) R3711593-1 10/01/21 13:40 MB Result MB Qualifier MB MDL MB RI Manalyte % % %	/21 13:40 MB Result %	MB Qualifier	MB MDL %	MB RDL %					by OCD:
Total Solids	0.000								4/27 m
0/0/0/0/ 0/-12 Or	iginal Sample	(OS) • Dup	olicate (D	(UP)					7/2022 2
COS) L1409220-12 10/	01/21 13:40 • (DUP)	R3711593-3 10	0/01/21 13:40						2548
1:32	Original Result	DUP Result	Dilution		DUP Qualifier DUP RPD Limits				:35
transfer	%	%		%	%				РМ Л
W Total Solids	76.6	75.9	-	0.935	10				6 Qc
Laboratory Control Sample (LCS)	trol Sample (L	CS)							
(LCS) R3711593-2 10/01/21 13:40	01/21 13:40								ō
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier				_ ∞
Analyte	%	%	%	%					₹
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									1
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	ACCOUNT:			PR	PROJECT:	SDG:	DATE/TIME:	PAGE:	131
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WG174935	7 thod 2540 G-20 ⁻	5			QUALITY CONTROL 11409220-21,22,23,24,25,26,	TROL SUMMARY 24,25,26,27,28,29,30		Rece
pose Method Blank (N	4B)							vived (
MB) R3711605-1 10/01/21 15:56 MB Result MB Qualifier MB MDL MB RD Manalyte % % % %	//21 15:56 MB Result %	MB Qualifier	MB MDL %	MB RDL %				by OCD: ∼
: Total Solids	0.00200							4/27
0/6/202 0/6/202	riginal Sample	ر (OS) و	plicate (I	(ANC				7/2022 2 5 4
10) L1409220-23 10,	/01/21 15:56 • (DUP)	1 R3711605-3 1	0/01/21 15:5	9				2548
1:32	Original Result	DUP Result	Dilution DUP RPD		DUP Qualifier DUP RPD Limits			:35 5
Z-Analyte	%	%		%	%			РМ Л
WTotal Solids	95.3	95.4	-	0.0939	10			6 CC
Laboratory Control Sample (LCS)	trol Sample (L	S.						
	24/24 16-66	1222						פ
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier			
Analyte	. %		%	%				Ā
Total Solids	50.0	50.0	100	85.0-115				(6
								ບ ທີ່ Page 115 o
	ACCOUNT:				PROJECT:	SDG:	DATE/TIME: PAGE:	
ARCA	ARCADIS US - New Mexico	C			30103364	L1409220		

WG174935	(9) thod 2540 G-20	1			QUALITY CONTROL 11409220-31,32,33,34,35,36,	ROL SUMMARY 4,35,36,37,38,39,40		Rece
p Method Blank (I	MB)							vived (
MB) R3711604-1 10/01/2115:49 MB Result MB Qualifier MB MDL MB RD Manalyte % % %	1/21 15:49 MB Result %	MB Qualifier	MB MDL %	MB RDL %				by OCD: ∼
Total Solids	0.00100							4/27 m
0/6/202 0/1409220-34	Iriginal Sample	e (OS) • Du	plicate (E	(ANC				/2022 2 () +
COS) L1409220-34 1C	1/01/21 15:49 • (DUP) R3711604-3 1	0/01/21 15:49	e				2548
1:32	Original Resul	t DUP Result	Dilution DUP RPD		DUP Qualifier DUP RPD Limits			:35 ຫ
tion and the second sec	%	%		%	%			РМ Л
WTotal Solids	96.7	96.7	-	0.0267	10			6 QC
l aboratory Control Sample (I.CS)	trol Sample (I	CS)						
I CSI D2741604 2 10/01/21 15:40	01/2115-10							פֿ
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier			
Analyte	. %		%	%				A
Total Solids	50.0	50.0	100	85.0-115				° SC
								P
								age 1
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	ACCOLINT.			ā		CUS	DATE/TIME. DAGE.	
ARC	ARCADIS US - New Mexico	c		L	30103364	1409220		
		D		0	+ 00000	C1100220		0

WG174936	D hod 2540 G-201	1			QUALITY CONTROL 11409220-41,42,43,44,45,46.	TROL SUMMARY 44,45,46,47,48,49,50		Rece
period Blank (N	1B)							vived (
MB R3711603-1 10/01/2115:42 MB Result MB Qualifier MB MDL MB RD Manalyte % % % %	/21 15:42 MB Result %	MB Qualifier	MB MDL %	MB RDL %				by OCD: ∼
interview of the second	0.00200							4/27, m
20 /9/0	iginal Sample	و (OS) و Dul	olicate (I	(ang				/2022 2 5 7
COS) L1409220-45 10/	01/21 15:42 • (DUP)	r R3711603-3 10)/01/21 15:4	5				<u>5</u> 48
1:32	Original Result	DUP Result	Dilution DUP RPD		DUP Qualifier DUP RPD Limits			:35 ຫ
	%	%		%	%			PM ^
WTotal Solids	98.7	98.7	£	0.0182	10			6 C C
Laboratory Control Sample (LCS)	rol Sample (L	CS)						
(LCS) R3711603-2 10/01/21 15:42	1/21 15:42							5
	Spike Amount		LCS Rec.	Rec. Limits	LCS Qualifier			۵ ۳
Analyte Tatal Calida	~~ L	%	%	0E 0 41E				
								ບ ທີ່
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	ARCADIS US - New Mexico	0			30103364	L1409220	10/05/21 15:14 78 of 90	

WG1749361	10d 2540 G-2011		ō	QUALITY CONTROL 11409220-51,52,53,54,55,56.	L SUMMARY 6.57.58.59.60		Rece
Method Blank (M	B)						ived (
MB) R3711615-1 10/01/21 13:02 MB Result MB Analyte %	11 13:02 MB Result MB Qualifier %	% WB WDL	MB RDL %				by OCD: ∼
<i>Busilies</i>	0.00100						4/27/
20/9/0	20/9/00 201409220-56 Original Sample (OS) • Duplicate (DUP)	uplicate (D	(AU)				(2022 2)
2(OS) L1409220-56 10/0	71/21 13:02 • (DUP) R3711615-3	10/01/21 13:02					5 48.
1:32	Original Result DUP Result	Dilution DUP RPD		DUP Qualifier DUP RPD Limits			:35 J
T2Analyte	%	0	9	%			PM
WTotal Solids	81.0 81.1	1	0.116	10			6 GC
Laboratory Control Sample (LCS)	ol Sample (LCS)						
(LCS) R3711615-2 10/01/21 13:02	'21 13:02						5
	ke Amount	LCS Rec.	Rec. Limits	LCS Qualifier			
Analyte		%	%				Ī
Total Solids	50.0 50.0	100	85.0-115				⁹ Sc
							1
							Page .
							118 oj
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ARCAD	ARCADIS US - New Mexico		30	30103364	L1409220		

WG175(WG1750229 Wet Chemistry by Method 300.0			Q1 L1409220	QUALITY 9220-01,02,03,04	QUALITY CONTROL SUMMARY 11409220-01.02.03.04.05.06.07.08.09.10.11.12.13.14.15.16.17.18.19.20	OL SU	SUMMARY 12,13,14,15,16,17,18,1	?丫 18,19,20					Rece
Method Ble	ank (MB)													ived b
(MB) R3711911-1 10/01/21 22:10 MBF	10/01/21 22:10 MB Result	MB Qualifier	MB MDL	MB RDL										y OCL
Sun Analyte	III II		9.20	70.0										: 4/
: 10/6/														2 <i>7/20.</i>
1409220-	211409220-08 Original Sample (OS) • Duplicate (DUP)	e (OS) • Du	iplicate (Dl	(AL										22 2 *
COS) L1409220	OS) L1409220-08 10/01/21 23:54 • (DUP) R3711911-3 10/02/21 00:22	c) R3711911-3 10	0/02/21 00:22											: 48
1:32:	Original Resul (dry)	Original Result DUP Result (dry) (dry)	Dilution DU		DUP Qualifier	DUP RPD Limits								35 1 5
Tanalyte	mg/kg	mg/kg	%			%								2M
WChloride	883	887	1 0.	0.527		20								6 QC
L1409220-	L1409220-18 Original Sample (OS) • Duplicate (DUP)	ind • (SO) e	olicate (DU	(d)										GI
(OS) L1409220-	(OS) L1409220-18 10/02/21 02:35 • (DUP) R3711911-6 10/02/21 02:45	P) R3711911-6 1	0/02/21 02:45											
	Original Result (dry)	t DUP Result (dry)	Dilution DUP RPD	JP RPD	DUP Qualifier	DUP RPD Limits								هم ۲۵
Analyte	mg/kg	mg/kg	%			%								
Chloride	2980	2880	5 3.35	35		20								°Sc
Laboratory	Laboratory Control Sample (LCS)	CS)												
(LCS) R3711911-2	(LCS) R3711911-2 10/01/21 22:20													
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier	er								
Analyte	mg/kg	mg/kg	%	%										
Chloride	200	200	6.66	90.0-110										
L1409220-I	L1409220-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)	e (OS) • Ma	ıtrix Spike	(MS) • Mati	rix Spike	Duplicate (M	SD)							
(OS) L1409220	(OS) L1409220-08 10/01/21 23:54 • (MS) R3711911-4 10/02/21 00:32 • (MSD) R3711911-5 10/02/21 00:41	R3711911-4 10/	02/2100:32 •	(MSD) R371191	1-5 10/02/21	00:41								
	Spike Amount (dry)		Original Result MS Result (dry) MSD Result (dry)	y) MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	ier RPD	RPD Limits		
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%		
Chloride	540	883	1360	1460	88.9	107	~	80.0-120	ш	ш	6.9	20		
														Page 119 oj
	ACCOUNT:			PR	PROJECT:		SI	SDG:		DA	DATE/TIME:		PAGE:	f 131
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WG1750524	4 ethod 300.0			Q1 L1409220-	QUALITY 220-21.22.23,24,2	QUALITY CONTROL SUMMARY 11409220-21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40	OL SI 01,31,32,3	JMMAF 34,35,36,37	、 38,39,40				Reco
pased Method Blank (M	IB)												eived (
0 (MB) R3711916-1 10/03/21 03:28 MB Rei Analyte molko	21 03:28 MB Result ma/ka	MB Qualifier	MB MDL ma/ka	MB RDL ma/ka									by OCD
Chloride			9.20	20.0									: 4/2
0/9/01 20_1409220-28 Original Sample (OS) • Duplicate (DUP)	iginal Sample	nO • (OS) é	plicate (Dl	(AL									с 7/2022 2 С
C(OS) L1409220-28 10/03/21 04:54 • (DUP) R3711916-3 10/03/21 05:22	03/21 04:54 • (DUF) R3711916-3	0/03/21 05:22										<u>5</u> 48
1:32	Original Result DUP Result (dry) (dry)	DUP Result (dry)	Dilution DL	P RPD	DUP Qualifier L	DUP RPD Limits							3:35 ج س
	mg/kg	mg/kg	%		%								PM
Chloride	171	174	1 1.69	6	2	20							6 QC
L1409220-38 Original Sample (OS) • Duplicate (DUP)	iginal Sample	i (OS) • Du	plicate (DL	(dſ									7
(OS) L1409220-38 10/03/21 07:36 • (DUP) R3711916-6 10/03/21 07:45	03/21 07:36 • (DUF) R3711916-6	0/03/21 07:45										5
	Original Result DUP Result (dry) (dry)	DUP Result (dry)	Dilution DL		DUP Qualifier L	DUP RPD Limits							"AI
Analyte	mg/kg	mg/kg	%		%								[
Chloride	21.7	24.3	1 11.3	m	2	20							Sc
Laboratory Control Sample (LCS)	ol Sample (L	CS)											
(LCS) R3711916-2 10/03/21 03:38	3/21 03:38												
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier								
Analyte	mg/kg	mg/kg	%	%									
Chloride	200	198	99.2	90.0-110			Ĺ						
L14U9220-28 10/03/21 04:54 • (MS) R3711916-4 10/03/21 05:32 • (MSD) R3711916-5 10/03/21 05:41	1 gInal Sample 03/21 04:54 • (MS)	R3711916-4 10	111X Spike //03/21 05:32	(IVIS) • IVIAT • (MSD) R37119	11X SPIKE L 16-5 10/03/21	05:41							
	Spike Amount (dry)	Original Result (dry)	MS Result (dr	Original Result MS Result (dry) MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier RPD	RPD Limits		
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%		%	%		
Chloride	208	171	909	587	85.7	82.0	-	80.0-120		3.15	20		Page 120
	THICOCV			ć				Ċ					of 13
ARCAI	ACCOUNT: ARCADIS US - New Mexico			ж Ю	РКОЈЕСТ: 30103364		L14	SUG : L1409220		DATE/TIME: 10/05/2115:14		PAGE: 81 of 90	31

VG1750!	526 by Method 300.0			L1409220	QUALITY 220-41,42,43,44,4	QUALITY CONTROL SUMMARY 11409220-41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60	OL SI	UMMAF 3,54,55,56,57	₹ ۲ ,58,59,60				Reco
thod Blan	k (MB)												eived (
r R3712479-1 ~ vte	MB) R3712479-1 10/04/2114:20 MB Result Maivte ma/ka	MB Qualifier	MB MDL ma/ka	MB RDL ma/ka									by OCD
ide			9.20	20.0									: 4/2
09220-48	00/9/01 1409220-48 Original Sample (OS) • Duplicate (DUP)	e (OS) • Du	Iplicate (D	(AU									7/2022 2 "
L1409220-45	3 10/04/21 16:10 • (DUP)) R3712479-3	10/04/21 16:3	6									548
	Original Result (dry)	t DUP Result (dry)	Dilution	Q	DUP Qualifier	DUP RPD Limits							8:35 J
Tanalyte	mg/kg	mg/kg	0~	%		%							PM 0
W Chloride	126	122	~	3.15		20							e O C
09220-55	L1409220-58 Original Sample (OS) • Duplicate (DUP)	e (OS) • Du	uplicate (D	(AU)									G
L1409220-58	(OS) L1409220-58 10/04/2118:52 • (DUP) R3712479-6 10/04/2119:02	^o) R3712479-6	10/04/21 19:0)2									
Analvte	Original Result DUP Result (dry) (dry) ma/ka ma/ka	t DUP Result (dry) ma/ka	Dilution D	DUP RPD D	DUP Qualifier	DUP RPD Limits %							A
2	<u>ה</u>	n				2							0
Laboratory C	Laboratory Control Sample (LCS)	CC)	-	- 44		07							Sc
) R3712479-2	(LCS) R3712479-2 10/04/21 14:29												
Analyte	Spike Amount mg/kg	LCS Result ma/ka	LCS Rec. %	Rec. Limits %	LCS Qualifier	ier							
Chloride	500	197	98.4	90.0-110									
ue 09220-48	L1409220-48 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)	e (OS) • Me	atrix Spike	(MS) • Mat	rrix Spike	Duplicate (M	SD)						
_1409220-48	(OS) L1409220-48 10/04/2116:10 • (MS) R3712479-4 10/04/2116:48 • (MSD) R3712479-5 10/04/2116:58	R3712479-4 10)/04/21 16:48	• (MSD) R3712 ⁴	479-5 10/04/.	21 16:58							
	Spike Amount (dry)	Original Kesu (dry)	It MS Result (c	Original Result MS Result (dry) MSD Result (dry) (dry)		MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier RPD	RPD Limits		
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%		%	%		
Chloride	2003	126	664	640	106	101	-	80.0-120		Ϋ́	20		Page 121 oj
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4	ARCADIS US - New Mexico	0		3(30103364		L1	L1409220		10/05/21 15:14		82 of 90	t

GLOSSARY OF TERMS

Τс

Ss

Cn

Sr

Qc

GI

ΑI

Sc

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MDL (dry)	Method Detection Limit.
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.
Qualifier	Description
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.

SDG: L1409220

Received by OCD: 4/27/2022 2:48:35 PM CCREDITATIONS & LOCATIONS

Τс

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Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
lowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky ¹⁶	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

SDG: L1409220

Company Name/Address:			Billing Information:	lation:			Analvsis / Container / Preservative	Chain of Custody	Page 1 of 6
ARCADIS US - New Mexico	0		Accounts Payable	Payable		Pres Chk		Q	ved b
1004 N Big Spring Street Suite 121 Midland TX 79701			Suite 121 Midland, TX 797	Suite 121 Midland, TX 79701	14- 			LIND	Ly of 200
Report to: Scott Foord			Email To: william.foord	Email To: william.foord@arcadis.com;sarah.johnson@arc	arah.johnson	@arc		anon Rd Mount g a sample via thi s acknowledgme	Juliet, TN 37122 s chain of custody O nt and acceptance of this
Project Description: SCB-5B		City/State Collected:	4		Please Circle: PT MT CT E	cle: r ET		Pace Terms and Conditions https://info.pacelabs.com/h terms.pdf	ound at: ubfs/pas-standard-
Phone: 432-687-5400	Client Project # 30103364	#		Lab Project # CHEVARCNM-SCB5B	-SCB5B	oPres		spG #	2:48:35
Collected by (print):	Site/Facility ID # SCB-5B	#		P.O.#		IL-N		Acctnum: CHEVARCNM	
(signature):	Rush? (Lab Same Day	Rush? (Lab MUST Be Notified) Same Day Five Day		Quote #		of 00		. Template: T195209 Prelogin: P873461	09 61
	Next Day Three Day		5 Day (Rad Only) 10 Day (Rad Only)	Date Results Needed	s Needed	ยาว 2 ริ ช		PM: 526 - Chris McCord PB:	cCord
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	CHLO		Shipped Via: FedEX Ground Remarks Sample # (lab on)	EX Ground Sample # (lab only)
CC 6016-2.0-2-20-RA	3	SS	5-0	15-55-5	1310	1 X			01
SB-65-1-2-20-22	6	SS	1-2	12-26-9	1320	1 X			02
26-05-3-4-210922	9	SS		16.56-9	1325	1 X			03
Lepole 3-2-2-20-82	6	SS	56	15-66-7	1340	1 X			to
50-04-5-0-5-21092	6	SS	5	18-86-7	1345	1 X			52
LEPO16 - 6-1-2-40-22	3	SS	1-2	18-80-6	1350	1 X			26
S-04-5-34 - 210922	S	SS	3-4	18-78- b	1400	1 X			10
Cepole - 2-2-2-10-82	9	SS	5-6	10-10-5	1408	1 X			S.
267016-2-0.2.50-22	9	SS	0-5	18-22-3	21415	1 X			6
26-2-2-20-22	6	SS	2-1	18-56-9	2641	1 X			6
F - Filter	Remarks:						pH Temp	Sample Receipt Check Coc Seal Present/Intact: _N COC Signed/Accurate:	N AN AN
GW - Groundwater B - Bioassay WW - WasteWater							FlowOther	Bottles arrive intact: Correct bottles used:	
DW - Drinking Water San OT - Other	Samples returned via: UPS	via: Courier		Tracking #	#		•	Sufficient volume sent: If Applicable VOA Zero Headspace:	 \ \
Relinguished by : (Bignature)	Da	Date: 9-24-2	Time:	35 Received by	ed by .49ghature)	Ire) &	Trip Blank Received: Yes / NeoH HCL / MeoH	Preservation Correct/Check RAD Screen <0.5 mR/hr:	ip in the second
Relinquished by : (Signature)	Pa Da	Date:	Time:	Receive	Received by: (Signature)	ure)	Temp: °C Bottles Received:	If preservation required by Login: Date/Time	Date/Time
Relinquished by : (Signature)	Da	Date:	Time:	Receiv	Received for lab by: (Signature)	Signature)	9/25/24 Time: 945	:pioH	Condition: OK / OK

Company Name/Address:			Billing Information:	mation:				Analvsis / Container / Preservative	eservative	Chain of Custody Page 2 o
AKCADIS US - New INEXICO	KICO		Accounts Payable	Payable		Pres Chk				S
1004 N Big Spring Street Suite 121			Suite 121 Midland,	Suite 121 Midland, TX 79701						V UND 20
Midland. TX 79701						T				よってて
Report to: Scott Foord			Email To: william.foor	Email To: william.foord@arcadis.com;sarah.johnson@arc	sarah.johnson	@arc				12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance.
Project Description: SCB-5B		City/State Collected:			Please Circle: PT MT CT ET	cle: F ET				Pace Terms and Conditions found at: https://info.paceabs.com/hubh/pas-standug terms.pdf
Phone: 432-687-5400	Client Project # 30103364	#		Lab Project # CHEVARCNM-SCB5B	I-SCB5B		obres			2:48:35 917 0 17 917 0 17 917 0 17
collected by (print);	Site/Facility ID # SCB-5B	#		P.O.#			N-JJ22			Acctnum: CHEVARCNM
Collected by (signature);	Rush? (Lat	Rush? (Lab MUST Be Notified) Same Day Five Day	lotified) y	Quote #			07 00			Template:T195209 Prelogin: P873461
Immediately	Next Day		5 Day (Rad Only) 10 Day (Rad Only)	Date Result	Results Needed	No.	SIDE-3			PM: 526 - Chris McCord PB:
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	Cntrs	ютн			Shipped Via: FedEX Ground Remarks Sample # (lab only)
507534-21092	5	SS	3-4	ITTE-S	1430	1				
SB-0355-6-21092	2	SS	5-6	16-CE-6	1435	1	X			8
26-23-02-02	6	SS	0.5	18:26.9	1515	1	X			13
LL POIL - 2-120-22	6	SS	1-1	12-25-9	1520	1	X			7
269016-4-2-2560-22	2	SS	34	10-56-9	1525	1	X			5
58-0255-6-21092	0	SS	56	10-50-6	1530	1	×			9
26-015-2-0-510-22	S	SS	5:0	12-26-9	1540	1	×			E.
26-015-2-12:00-82	6	SS	1-2	18-78-5	1545	1	×			9
56-015-3-4-21092	0	SS	3-4	12-26-7	1555	1	X			1A
SB-0155-6' 2109 22	6	SS	2°	18-22-21	1605	1	X			2
F - Filter B - Bioassay	Remarks: ´							pH Temp Flow Other		Sample Receipt Checklin COC Seal Present/Intact: NP COC Signed/Accurate: Bottles arrive intact:
DW - Drinking Water Sa OT - Other	Samples returned via: UPSFedEx	ria: Courier		Tracking #	## 00					
Relinquistred by Bignature)	Date:	16-72-4-21	Time: 1435	Reco	ved by (Bighature)	(ie)		Trip Blank Received: Ye	Yes (No HCL/ MeoH	Preservation Correct/Checked: A
Relinquished by : (Signature)	Date:		Time:	Beceive	eceived by: (Signature)	re)		Temp. And C Botti	Bottles Received:	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	e:	Time:	Receive	teceived for lab by: (Signature)	Signature		Date: Time:	645	Hold: Condition:

			Billing Information:	mation:			Analvsis / Container / Preservative	Chain of Custody Page Oof
ARCAUIS US - NEW INEXICO	(ICO		Accounts	Accounts Payable		Pres		8
1004 N Big Spring Street			1004 N Bi	ig Spring Stre				Pace Analytical
Suite 121 Midland. TX 79701			Midland,	Midland, TX 79701				act 6 0 1 1 1 1 9 2 20
Report to: Scott Foord			Email To: william.foo	Email To: william.foord@arcadis.com;sarah.johnson@arc	sarah.johnson@)arc		12065 Letamon Rd Mount Julie, TM 37122 Submiting a super variable frain of custody constitution as achonolidiament and accounced by
Project Description: SCB-5B		City/State Collected:	-		Please Circle:			Pace Terms and Condition Bund at: https://info.pacelabs.com/hubfs/pas-standard
Phone: 432-687-5400	Client Project # 30103364	#		Lab Project # CHEVARCNM-SCB5B	1-SCB5B			SPOR # 140934
collected by print): (a.165 (Tre/c)q	Site/Facility ID # SCB-5B	# 0		P.O.#		scir-No		Table # Acctnum: CHEVARCNM
Collected by (signature):	Rush? (Lat	Rush? (Lab MUST Be Notified) Same Day Five Day	Notified)	Quote #		04 00		Template: T195209 Prelozin: P873461
Immediately	Next Day		5 Day (Rad Only) 10 Day (Rad Only)	Date Results Needed		ชเDE-30 ธ [.] รั		PM: 526 - Chris McCord PB:
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	s		Shipped Via: FedEX Ground Remarks Sample # (lab only)
56-10-5-0-5-21093	C	SS	5-0	12321	1015	1 X		2
56-10-5-01-85	3	SS	7-7	9-23.21	10301	1 X		22
58-10-5-3-4-210923	9	SS	3-4	K-56.P	1035	1 X		23
56-16-5-5-2-2-92	0	SS	56	10-50-5	1045	1 X		42
56-4-5-0-5-210923	0	SS	0-5	12-56-1	1055	1 X		32
58-22	0	SS	1-2	12-22-9	1/00	1 X		26
(5) 58-\$5-34-210923	5	SS	34	16.22-7	0/11	1 X		to
56-11-5-5-6-210423	9	SS	5-6	12-56-9	1115	1 X		je je
56-12-5-0-5-210923	3	SS	5-0		1130	1 X		39
69016-6-1-2-6	6	SS	5-	9-23-21	1135	1 X		\$
F - Filter B - Bioassay	Remarks:				1		PH Temp Flow Other	Sample Receipt Checklist COC Seal Present/Intact: WF / N COC Signed/Accurate:
	Samples returned via: UPSFedEx	via: Courier		Tracking #	#			
Relinquished by (Signature)	Date:	re: 9-24-21	Time:	35 Repérve	of by (Signature)	2	Trip Blank Received: Yes Ab HCL/MeoH	scree
Relinquished by : (Signature)	Date:	:e:	Time:	Receive	Received by: (Signature)		Tampia de °C Bottes Received: 1246743	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	ίų.	Time:	Receive	Received for lab by: (Signature)	(printure)	Date: Time: alachi auc	Hold: Condition: NCF // OK

Company Name/Address:			Billing Information:	mation:				Analvsis / Container / Preservative	Preservative	Chain of Custody Page	of Q
ARCADIS US - New Mexico	0		Accounts	Accounts Payable		Pres				5	
1004 N Big Spring Street			1004 N Bi	1004 N Big Spring Street	et	CPK				Pace Analytical	8
Suite 121 Midland. TX 79701			Midland,	Midland, TX 79701	t ^a ga s					acteanin/	
Report to: Scott Foord			Email To: william.foo	Email To: william.foord@arcadis.com;sarah.johnson@arc	;sarah.johnso	n@arc				12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance	ty ce of the
Project Description: SCB-5B		City/State Collected:			Please Circle: PT MT CT E	rcle: T ET				Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standy terms.pdf	ard-
Phone: 432-687-5400	Client Project # 30103364	#		Lab Project # CHEVARCNM-SCB5B	A-SCB5B		oPres			spe = C+0+2	0
(jeda	Site/Facility ID # SCB-5B	#0		P.O.#		100 - 100 -	scir-N			1 able # Acctnum: CHEVARCNM	
Collected Dy (siggature)	Rush? (Lat	Rush? (Lab MUST Be Notified) Same Day Five Day	Notified) av	Quote #			00 40			Template:T195209 Prelogin: P873461	
Immediately	Next Day Two Day		5 Day (Rad Only) 10 Day (Rad Only)	Date Result	Results Needed	No.	s-3015			PM: 526 - Chris McCord PB:	
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	Cntrs	10111:			Shipped Via: FedEX Ground Remarks sample # (lab only)	(Aluo q
56-12-5-3-4-210923	S	SS	3-4	16-25-21	0-11	1				3(
569016-2-2-6-61-62	5	SS	5-6	K-26.9	1150	1	×			8	
56-13-5-0.5-21093	0	SS	5-0	16-56-7	1200	1	X			3	
569-15-5-1-2-5-82	0	SS	1-1	12-56-7	0101	1	X			34	
SB-13-5-3-4-210923	2	SS	3-4	16-25-7	2161	1	X			30	
56-135-5-6-210123	5	SS	56	9-23-a/	1225	1	X			36	
SB-14-5-0-5-210923	S	SS	5-0	9-25-2	1350	1	X			32	4
SB-14-5-1-2-210123	9	SS	1-2	15.55.7	1355	1	×			36	
SB-14-5.3-4-210923	0	SS	3-4	15.56-9	1400	1	X			3	7
S.B.14.5-5-6-21093	3	SS	5-6	16-26-7	01HI	1	X			6	0
* Matrix: Remarks: 55 - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - Waste-Water	arks:							pH Temp Flow Other	p	Sample Receipt Checklist COC Seal Present/Intact: A COC Signed/Accurate: Bottles arrive intact:	ZZZ
er	Samples returned via:	via:		Tracking #	1g #					Correct bottles used: Sufficient volume sent: If Applicable	2 ²
	'S FedEX	Courier			0		1			VOA Zero Headspace:	Z
Relinquisbeerby: (Signature)		Date: 9-24-21	<u>i</u>	IH35 Received	ed by (signature)	(a)	Y	Trip Blank Received:	Yes / NO Het MeoH	Preservation Correct/Checked: RAD Screen <0.5 mR/hr:	
Relinquished by : (Signature)	Date:	te:	Time:	Receiv	Received by: (Signature)	ire)		Tamp: Dur .C BO	Bottles Received:	If preservation required by Login: Date/Time	age 12
Relinquished by : (Signature)	Date:	te:	Time:	Receiv	Received for lab by: (Signature)	Signature		Date: Tir 9/DC/h1	in the	Hold: Condition: NCF // OK	

			Billing Information:	mation:			Analvsis	Analvsis / Container / Preservative	Chain of Custody Page of
ARCADIS US - New Mexico	lico		Accounts Payable	Payable		Pres			6
1004 N Big Spring Street Suite 121 Midland TX 79701			1004 N Bi Suite 121 Midland,	1004 N Big Spring Street Suite 121 Midland, TX 79701	et	ž			Cece Analytical
Report to: Scott Foord			Email To: william.foo	Email To: william.foord@arcadis.com;sarah.johnson@arc	sarah.johnson	@arc			12065 Lebanon Rd. Mount Julier, TN 37222 Bubmitting a sample vab this chain of custo constitutes actionwiedgment and acceptan
Project Description: SCB-5B		City/State Collected:	-		Please Circle: PT MT CT E	cle:			Conc
Phone: 432-687-5400	Client Project # 30103364	24		Lab Project # CHEVARCNN	ect # RCNM-SCB5B	50100			spc # 14092
Collected by (print):	Site/Facility ID # SCB-5B	#		P.O.#		SCIL-N			Iable # Acctnum: CHEVARCNM
Collected by Tsignatures	Rush? (Lat	Rush? (Lab MUST Be Notified) Same Day Five Day	Notified) Jay	Quote #					Template: T195209 Prelogin: P873461
Immediately	Next Day Two Day		5 Day (Rad Only) 10 Day (Rad Only)	Date Results Needed	s Needed	of No.			PM: 526 - Chris McCord PB:
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	5			Shipped Via: FedEX Ground Remarks Sample # (lab only)
Ectole-2-0-2-21-22	2	SS	0-5	16-56-9	1415	1 X			14
56-15-5-1-2 alogas	20	SS	(-1	16-26-P	1430	1 X			A and a second s
56-15-5-2-4-21-255	2	SS	3.4	12.26-9	2641	1 X			43
SB-15-5-5-6-210933	0	SS	5-6	G-23-21	14.30	1 X			
56-09-5-0-2-Pa-Q2	2	SS	0-5	16-26-2	Sco	1 X			
58-09-5-6-1-2-90-83	0	SS	C-/	9-23-21	1510	1 X			A A
\$60016-H-E.2-10-23	0	SS	3-4	12-52-9	1515	1 X			
5B-09-5.5.6-210923	0	SS	5.6	12 EC-9	ISad	1 X			2
26-08-5.0-2-20-22	0	SS	0.5	9-23-21	1535	1 X			the second se
- CPOIK- E-1-2-8	0	SS	2-1	1e-2e-2	1540	1 X			17
	Remarks: '						PH	TempOther	Sample Receipt Checklist COC Seal Present/Intact: We COC Signed/Accurate:
DW - Drinking Water OT - Other	Samples returned via: UPSEdEx	a: Courier		Tracking #	16 #				icie
Relinqui strea by ; (Signature)	Date:	ate: 9-243	Time:	e: Receiv	ed by: (Signature)	(e)	Trip Blar	Trip Blank Received: Yes Co HCL/MeoH	Preservat RAD Scree
Relinquished by : (Signature)	Date:		Time:	Receive	Received by: (Signature)	re)	Temp: 15 J	ULAS Bottles Received	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:		Time:	Receive	Received for lab by: (Signature)	: (Signature)	Date:	-hi Time: UC	Hold: Condition:

Company Name/Address:			Billing Information:	mation:				Analvsis / Container / Preservative	Chain of Custody Page of C
AKLADIS US - NEW INEXICO	0	30	Accounts Payable	Payable		Pres			6
1004 N Big Spring Street			Suite 121	LUU4 IN BIG SPRING STREET Suite 121					Pace Analytical
Suite 121 Midland. TX 79701			Midland,	Midland, TX 79701					06290411
Report to: Scott Foord			Email To: william.foor	Email To: william.foord@arcadis.com;sarah.johnson@arc	sarah.johnson	@arc			12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the
Project Description: SCB-5B		City/State Collected:			Please Circle: PT MT CT E	de: ET			https://info.pacelabs.com/hubflypas-standarter
Phone: 432-687-5400	Client Project # 30103364	#		Lab Project # CHEVARCNM-SCB5B	-SCB5B	puer e	oPres		SDG # LINDALLO This #
collected by (print)	Site/Facility ID # SCB-5B	#		P.O.#			zcir-N	*	Acctnum: CHEVARCNM
Collected by (signature)?	Rush? (Lat	NMO	lotified) iy	Quote #			07 00		Template: T195209 Prelogin: P873461
Immediately Packed on Ice N Y	Two Day		_ 5 Day (Rad Only) _ 10 Day (Rad Only)	Date Results	Results Needed	No.	6-3018		PM: 526 - Chris McCord PB:
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	s	олна		Shipped Via: FedEX Ground Remarks Sample # (lab only)
58-08-5-34-210923	0	SS	3-4	9-23-21	1545	1			4
58-08-5-5-6-210923	6	SS	5-6	9-23-21	1550	1	×		. Ce
48-07-5-0-5-210924	5	SS	0-15	12-45-6	940	1	X		53
42-07-5-12-210924	2	SS	1-2	12-46.9	950	1	×		64
58-075.3-4-21092H	5	SS	3-4	16-He-P	955	1	×		35
HEPOIR - 2-5. 2-50-22	2	SS	5-6	18-48.5	1005	1	×		2p
467016210-2-202B2	0	SS	0.5	18-42-7	1015	1	×		R
SB-06-5-1-2-210924	0	SS	1-2	1x-He-5	1020	1	×		K
53-06-5-34 210924	G	SS	3-4	9-2421	1030	1	×		62
6-5-56-210924	9	SS	56	IRHE-3	NHOI	1	×		0.0
* Matrix: Remarks: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater	arks: /				}	111111		PH Temp Flow Other	- Checklist act: _NP
	Samples returned via: UPS FedEx	ia: Courier		Tracking #	##				ficient volume sent: X
Relinquished by : (Signature)	Dat		Time:	Receive	ar by 2 (Stgnature)	(a)	2	Trip Blank Received: Yes / No.	VOA Zero Headspace: Preservation Correct/Checked: 7 _N
(ally araped	6	6-46-9	-	135 Ph	- M	24		HCL/MEDH HCL/MEDH	Screen <0.5 mR/hr:
Relinquished by: (Signature)	Date:	ài	Time:	Receive	eceived by: (Signature	(ə.		Temp: MZ13 Bottles Received:	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	ä	Time:	Receive	Received for lab by: (Signature)	ignature)		Date: Time: 945	Hold: Condition: NCF / DA

Arcadis U.S., Inc. 10205 Westheimer Road, Suite 800 Houston Texas 77042 Phone: 713 953 4800 Fax: 713 977 4620 www.arcadis.com

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

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

District III

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

District IV

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

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

CONDITIONS

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	102069
	Action Type:
	[C-141] Release Corrective Action (C-141)
	[C-141] Release Corrective Action (C-141)

CONDITIONS

CONDITIONS		
Created By	Condition	Condition Date
amaxwell	Soil assessment report accepted as information only. Submit work plan or closure report via the OCD permitting portal by January 6, 2023.	10/6/2022

Page 131 of 131 CONDITIONS

Action 102069