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

INFORMATION ONLY

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,

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

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 -104.046208
(NAD 83 in decimal degrees to 5 decimal places)

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

Unit Letter	Section	Township	Range	County
L	13	23S	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)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) ~19 bbls/unknown	Volume Recovered (bbls) ~18 bbls/ 0 bbls
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: 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.
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).

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

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? **Release volume of second release is unknown.**
If YES, was immediate notice 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

☒ The source of the release has been stopped.

☒ The impacted area has been secured to protect human health and the environment.

☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

☒ All free liquids and recoverable materials have been removed and managed appropriately.

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

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

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

Printed Name: Armando Martinez Title: Project Manager

Signature:  Date: 4/26/22

email: amarti@chevron.com Telephone: 575.586.7639

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?	30 (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.

State of New Mexico
Oil Conservation Division

Incident ID	nAB1813054688/ nMAP1827464486
District RP	2RP-4736 & 2RP-4988
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 ½-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.

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

Printed Name: Armando Martinez Title: Project Manager

Signature:  Date: 4/26/22

email: amarti@chevron.com Telephone: 575.586.7639

OCD Only

Received by: _____ Date: _____

ARCADIS

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

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

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

Our Ref:
30103364

Sarah Johnson
Project Task Manager I

Scott Foord, P.G.
Certified Project Manager

Contents

Tables

Figures

Appendices

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

Table 1
2021 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
SB-01	0'-0.5'	9/22/2021	***11,600***
	1'-2'	9/22/2021	***2,980***
	3'-4'	9/22/2021	***3,210***
	5'-6'	9/22/2021	***12,500***
SB-02	0'-0.5'	9/22/2021	<25.3
	1'-2'	9/22/2021	11.6 J
	3'-4'	9/22/2021	<22.7
	5'-6'	9/22/2021	12.0 J
SB-03	0'-0.5'	9/22/2021	<23.8
	1'-2'	9/22/2021	13.9 J
	3'-4'	9/22/2021	129
	5'-6'	9/22/2021	275
SB-04	0'-0.5'	9/22/2021	24.8
	1'-2'	9/22/2021	75.8
	3'-4'	9/22/2021	236
	5'-6'	9/22/2021	***883***
SB-05	0'-0.5'	9/22/2021	***2,740***
	1'-2'	9/22/2021	***4,450***
	3'-4'	9/22/2021	***11,500***
	5'-6'	9/22/2021	***1,480***
SB-06	0'-0.5'	9/22/2021	10.6 J
	1'-2'	9/22/2021	149
	3'-4'	9/22/2021	***821***
	5'-6'	9/22/2021	***788***
SB-07	0'-0.5'	9/22/2021	<25.1
	1'-2'	9/22/2021	20.6 J
	3'-4'	9/22/2021	54.1
	5'-6'	9/22/2021	***1,580***
SB-08	0'-0.5'	9/22/2021	<25.7
	1'-2'	9/22/2021	<23.1
	3'-4'	9/22/2021	<24.6
	5'-6'	9/22/2021	16.4 J
SB-09	0'-0.5'	9/22/2021	13.2 J
	1'-2'	9/22/2021	39.2
	3'-4'	9/22/2021	<20.2
	5'-6'	9/22/2021	126
SB-10	0'-0.5'	9/22/2021	<20.1
	1'-2'	9/22/2021	13.5 J
	3'-4'	9/22/2021	12.3 J
	5'-6'	9/22/2021	37.6
SB-11	0'-0.5'	9/22/2021	<20.4
	1'-2'	9/22/2021	27.3
	3'-4'	9/22/2021	249
	5'-6'	9/22/2021	171
SB-12	0'-0.5'	9/22/2021	14.7 J
	1'-2'	9/22/2021	64.1
	3'-4'	9/22/2021	401
	5'-6'	9/22/2021	402
SB-13	0'-0.5'	9/22/2021	<20.3
	1'-2'	9/22/2021	10.5 J
	3'-4'	9/22/2021	<25.3
	5'-6'	9/22/2021	156
SB-14	0'-0.5'	9/22/2021	<20.1
	1'-2'	9/22/2021	21.7
	3'-4'	9/22/2021	44.5
	5'-6'	9/22/2021	***1,070***
SB-15	0'-0.5'	9/22/2021	<23.7
	1'-2'	9/22/2021	12.4 J
	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

Legend

- Pump Jack
- Release Location
- Tank
- Tank Batteries
- Release Extent
- Archaeological Site Boundary

N

0 60 120

Feet

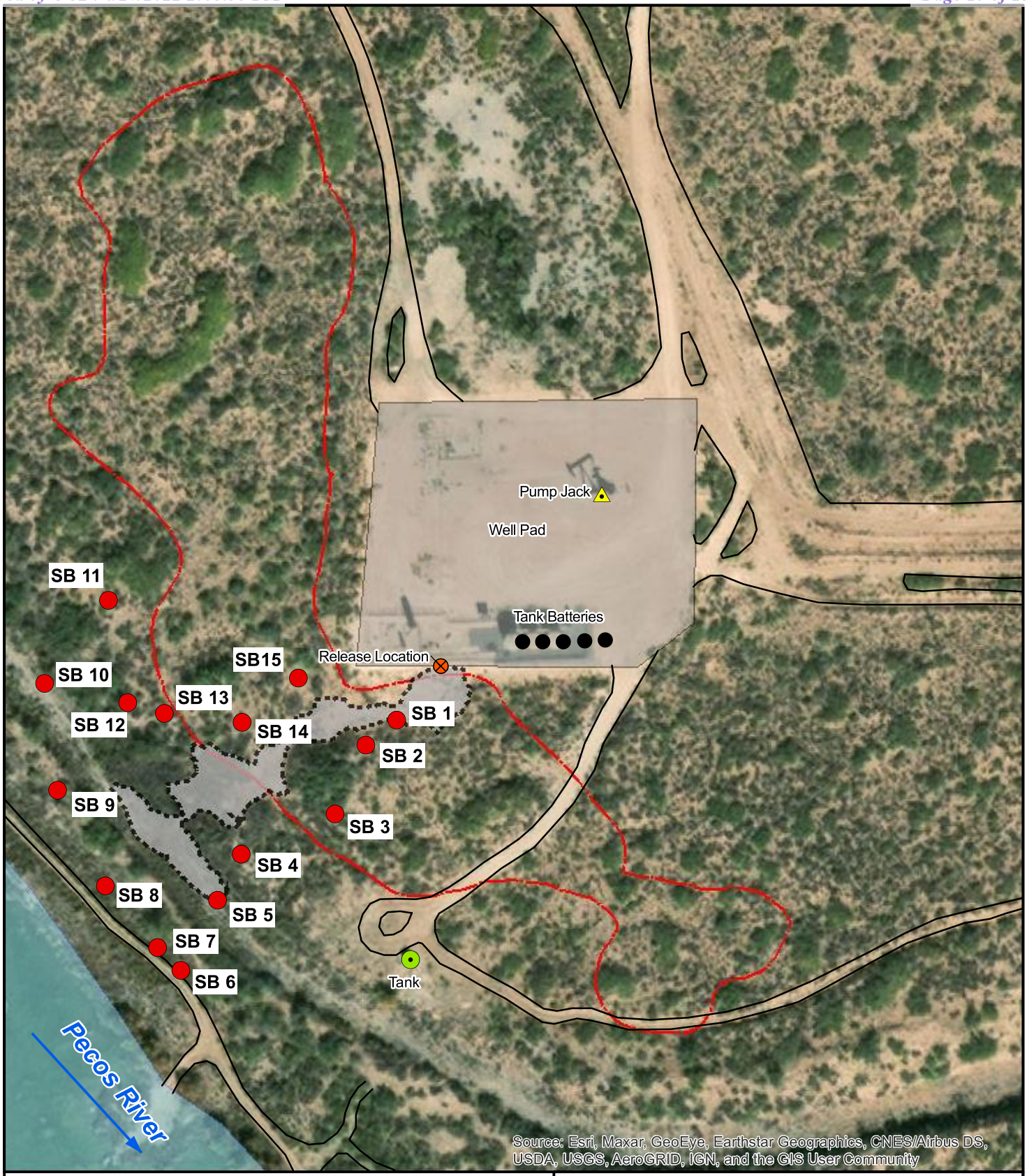
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
SOUTH CULEBRA BLUFF 5B
EAST LOVING, NEW MEXICO

Site Location Map

ARCADIS Design & Consultancy for natural and built assets

FIGURE 1

CITY:(KNOXVILLE) DIV/GROUP:(ENV/GIS) DB:() PIC:() PM:() TM:()BY: acarlone SAVED: 8/12/2019
Document Path: Z:\GISProjects\ ENV\Chevron ELoving\MXD\2019\2018 Release\F1 Site Map.mxd



Legend

- Soil Boring Locations
- Pump Jack
- Release Location
- Tank
- Tank Batteries
- Release Extent
- Archaeological Site Boundary

N

0 60 120

Feet

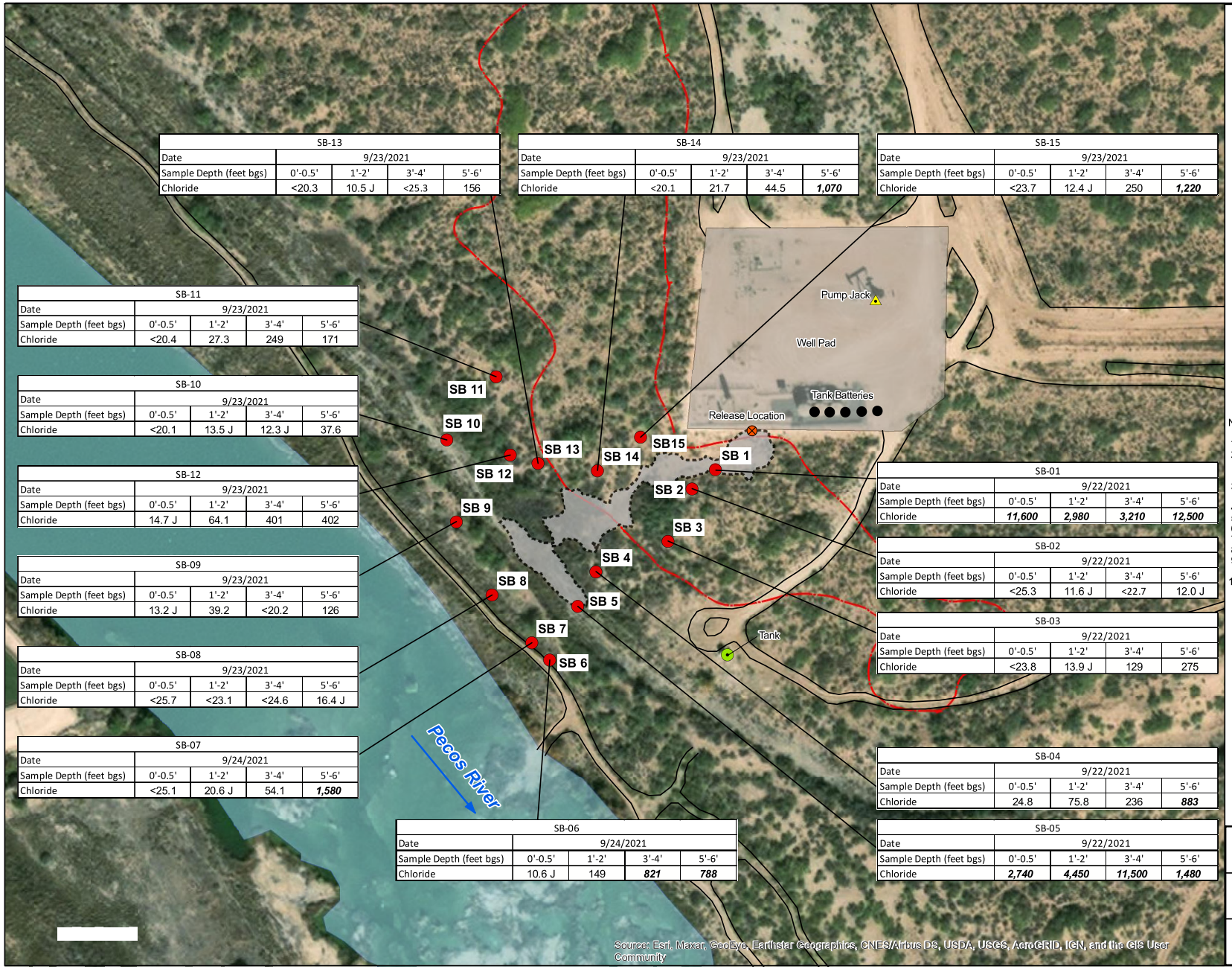
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
SOUTH CULEBRA BLUFF 5B
EAST LOVING, NEW MEXICO

Soil Sample Location Map

ARCADIS

FIGURE
2

Document Path: T:_ENV\Chevron_UEM_SCB Bluff 5B-UEM220_Eddy County_NM\MXD\F2 - Soil Sample Location Map.mxd



SB-13				
Date	9/23/2021			
Sample Depth (feet bgs)	0'-0.5'	1'-2'	3'-4'	5'-6'
Chloride	<20.3	10.5 J	<25.3	156

SB-14				
Date	9/23/2021			
Sample Depth (feet bgs)	0'-0.5'	1'-2'	3'-4'	5'-6'
Chloride	<20.1	21.7	44.5	***1,070***

SB-15				
Date	9/23/2021			
Sample Depth (feet bgs)	0'-0.5'	1'-2'	3'-4'	5'-6'
Chloride	<23.7	12.4 J	250	***1,220***

SB-11				
Date	9/23/2021			
Sample Depth (feet bgs)	0'-0.5'	1'-2'	3'-4'	5'-6'
Chloride	<20.4	27.3	249	171

SB-10				
Date	9/23/2021			
Sample Depth (feet bgs)	0'-0.5'	1'-2'	3'-4'	5'-6'
Chloride	<20.1	13.5 J	12.3 J	37.6

SB-12				
Date	9/23/2021			
Sample Depth (feet bgs)	0'-0.5'	1'-2'	3'-4'	5'-6'
Chloride	14.7 J	64.1	401	402

SB-09				
Date	9/23/2021			
Sample Depth (feet bgs)	0'-0.5'	1'-2'	3'-4'	5'-6'
Chloride	13.2 J	39.2	<20.2	126

SB-08				
Date	9/23/2021			
Sample Depth (feet bgs)	0'-0.5'	1'-2'	3'-4'	5'-6'
Chloride	<25.7	<23.1	<24.6	16.4 J

SB-07				
Date	9/24/2021			
Sample Depth (feet bgs)	0'-0.5'	1'-2'	3'-4'	5'-6'
Chloride	<25.1	20.6 J	54.1	***1,580***

SB-06				
Date	9/24/2021			
Sample Depth (feet bgs)	0'-0.5'	1'-2'	3'-4'	5'-6'
Chloride	10.6 J	149	***821***	***788***

SB-01				
Date	9/22/2021			
Sample Depth (feet bgs)	0'-0.5'	1'-2'	3'-4'	5'-6'
Chloride	***11,600***	***2,980***	***3,210***	***12,500***

SB-02				
Date	9/22/2021			
Sample Depth (feet bgs)	0'-0.5'	1'-2'	3'-4'	5'-6'
Chloride	<25.3	11.6 J	<22.7	12.0 J

SB-03				
Date	9/22/2021			
Sample Depth (feet bgs)	0'-0.5'	1'-2'	3'-4'	5'-6'
Chloride	<23.8	13.9 J	129	275

SB-04				
Date	9/22/2021			
Sample Depth (feet bgs)	0'-0.5'	1'-2'	3'-4'	5'-6'
Chloride	24.8	75.8	236	***883***

SB-05				
Date	9/22/2021			
Sample Depth (feet bgs)	0'-0.5'	1'-2'	3'-4'	5'-6'
Chloride	***2,740***	***4,450***	***11,500***	***1,480***

LEGEND

- Soil Boring Locations
- Pump Jack
- Release Location
- Tank
- Tank Batteries
- Release Extent
- Archaeological Site Boundary

NOTES:

1. ***BOLD*** = Analytes exceeding NMAC standard.
2. J = Result is less than the Reported Detection Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.
3. '<' indicates the analyte was not detected at or above the RDL.
4. mg/kg: Milligram per Kilogram.
5. NMAC : New Mexico Administration Code.
6. " ' " : Indicates one foot.
7. bgs: below ground surface.
8. SB : Soil Boring sample.
9. Chloride analyzed by United States Environmental Protection Agency Method 300.0.
10. Closure Criteria New Mexico Administrative Code 19.15.29.12.E(2).

N

0 80 160

SCALE IN FEET

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
SOUTH CULEBRA BLUFF 5B
EAST LOVING, NEW MEXICO

SOIL ANALYTICAL REUSLT MAP - SEPTEMBER 2021

ARCADIS

FIGURE 3

DOCUMENT PATH: T:_ENV\CHEVRON_UEM_SCB BLUFF 5B-UEM220_EDDY COUNTY_NM\MXD\F3 - SOIL ANALYTICAL_MAP.MXD

Appendix A

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.

Appendix B

Soil Borings

Date Start/Finish: 9/22/2021 **Drilling Company:** Arcadis **Drilling Method:** Hand Auger **Sampling Method:** Grab	**Borehole Depth:** 6.0' **Surface Elevation:** NS **Descriptions By:** CG	**Well/Boring ID:** SB-1 **Client:** Chevron **Location:** SCBU #5, Eddie County, New Mexico

DEPTH	Sample Interval	Geologic Column	Stratigraphic Description
0	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

ARCADIS

Remarks: 1. Below Ground Surface (bgs)
2. Not Surveyed (NS)

Project: 30103364 Template: LPTEMPLATE_HA_Final Page: 1 of 1
Data File: SB_1 Date: 2/1/2022 Created/Edited by: TP

Date Start/Finish: 9/22/2021 **Drilling Company:** Arcadis **Drilling Method:** Hand Auger **Sampling Method:** Grab	**Borehole Depth:** 6.0' **Surface Elevation:** NS **Descriptions By:** CG	**Well/Boring ID:** SB-2 **Client:** Chevron **Location:** SCBU #5, Eddie County, New Mexico

DEPTH	Sample Interval	Geologic Column	Stratigraphic Description
0	0-0.5'		Very fine sand, dry, light tan
	1-2'		slightly damp, fine to very fine sand, brown
	3-4'		reddish brown, moist, very fine
5	5-6'		reddish brown, damp, very fine sand, silty
			End of boring at 6.0' bgs

ARCADIS

Remarks: 1. Below Ground Surface (bgs)
2. Not Surveyed (NS)

Project: 30103364 Template: LPTEMPLATE_HA_Final
Data File: SB_2 Date: 2/1/2022 Created/Edited by: TP

Date Start/Finish: 9/22/2021 **Drilling Company:** Arcadis **Drilling Method:** Hand Auger **Sampling Method:** Grab	**Borehole Depth:** 6.0' **Surface Elevation:** NS **Descriptions By:** CG	**Well/Boring ID:** SB-3 **Client:** Chevron **Location:** SCBU #5, Eddie County, New Mexico

DEPTH	Sample Interval	Geologic Column	Stratigraphic Description
0	0-0.5'		Fine sand, brown, dry
	1-2'		Very fine to fine sand, reddish brown, light moist
	3-4'		Very fine, reddish brown, moist
5	5-6'		Very fine, reddish brown, damp, some silt
			End of boring at 6.0' bgs

ARCADIS

Remarks: 1. Below Ground Surface (bgs)
2. Not Surveyed (NS)

Project: 30103364 Template: LPTEMPLATE_HA_Final Page: 1 of 1
Data File: SB_3 Date: 2/1/2022 Created/Edited by: TP

Date Start/Finish: 9/22/2021 **Drilling Company:** Arcadis **Drilling Method:** Hand Auger **Sampling Method:** Grab	**Borehole Depth:** 6.0' **Surface Elevation:** NS **Descriptions By:** CG	**Well/Boring ID:** SB-4 **Client:** Chevron **Location:** SCBU #5, Eddie County, New Mexico

DEPTH	Sample Interval	Geologic Column	Stratigraphic Description
0	0-0.5'		Dry, brown, light silty
	1-2'		Dry, fine sand, reddish brown
	3-4'		light, moist, very fine, reddish brown
5	5-6'		Reddish brown, very fine sand, moist
			End of boring at 6.0' bgs

ARCADIS

Remarks: 1. Below Ground Surface (bgs)
2. Not Surveyed (NS)

Project: 30103364 Template: LPTEMPLATE_HA_Final Page: 1 of 1
Data File: SB_4 Date: 2/1/2022 Created/Edited by: TP

Date Start/Finish: 9/22/2021 **Drilling Company:** Arcadis **Drilling Method:** Hand Auger **Sampling Method:** Grab	**Borehole Depth:** 6.0' **Surface Elevation:** NS **Descriptions By:** CG	**Well/Boring ID:** SB-5 **Client:** Chevron **Location:** SCBU #5, Eddie County, New Mexico

DEPTH	Sample Interval	Geologic Column	Stratigraphic Description
0	0-0.5'		light brown, grainy
	1-2'		Dark Brown. Light moist, sandy
	3-4'		Silty sandy, light moist, dark brown
5	5-6'		moist, dark brown, silty sandy
			End of boring at 6.0' bgs

ARCADIS

Remarks: 1. Below Ground Surface (bgs)
2. Not Surveyed (NS)

Project: 30103364 Template: LPTEMPLATE_HA_Final
Data File: SB_5 Date: 2/1/2022 Created/Edited by: TP

Date Start/Finish: 9/24/2021 **Drilling Company:** Arcadis **Drilling Method:** Hand Auger **Sampling Method:** Grab	**Borehole Depth:** 6.0' **Surface Elevation:** NS **Descriptions By:** CG	**Well/Boring ID:** SB-6 **Client:** Chevron **Location:** SCBU #5, Eddie County, New Mexico

DEPTH	Sample Interval	Geologic Column	Stratigraphic Description
0	0-0.5'		Dry, tan, very fine, powdery sand
	1-2'		Reddish brown, very fine, lightly damp sand
	3-4'		Brown, damp, fine sand
5	5-6'		Brown, moist, fine sand
			End of boring at 6.0' bgs

ARCADIS

Remarks: 1. Below Ground Surface (bgs)
2. Not Surveyed (NS)

Project: 30103364 Template: LPTEMPLATE_HA_Final Page: 1 of 1
Data File: SB_6 Date: 2/1/2022 Created/Edited by: TP

Date Start/Finish: 9/24/2021 **Drilling Company:** Arcadis **Drilling Method:** Hand Auger **Sampling Method:** Grab	**Borehole Depth:** 6.0' **Surface Elevation:** NS **Descriptions By:** CG	**Well/Boring ID:** SB-7 **Client:** Chevron **Location:** SCBU #5, Eddie County, New Mexico

DEPTH	Sample Interval	Geologic Column	Stratigraphic Description
0	0-0.5'		Tan, dry, fine sand
	1-2'		Reddish brown, fine sand, dry
	3-4'		Light damp, fine sand, brown
5	5-6'		Dark brown, damp, sandy clay
			End of boring at 6.0' bgs

ARCADIS

Remarks: 1. Below Ground Surface (bgs)
2. Not Surveyed (NS)

Project: 30103364 Template: LPTEMPLATE_HA_Final Page: 1 of 1
Data File: SB_7 Date: 2/1/2022 Created/Edited by: TP

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-8 **Client:** Chevron **Location:** SCBU #5, Eddie County, New Mexico

DEPTH	Sample Interval	Geologic Column	Stratigraphic Description
0	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	5-6'		Light damp brown, very fine sand
			End of boring at 6.0' bgs

ARCADIS

Remarks: 1. Below Ground Surface (bgs)
2. Not Surveyed (NS)

Project: 30103364 Template: LPTEMPLATE_HA_Final Page: 1 of 1
Data File: SB_8 Date: 2/1/2022 Created/Edited by: TP

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-9 **Client:** Chevron **Location:** SCBU #5, Eddie County, New Mexico

DEPTH	Sample Interval	Geologic Column	Stratigraphic Description
0	0-0.5'		Tan, dry, very fine sand
1	1-2'		Dry, reddish brown, very fine silty sand
3	3-4'		Lightly damp, very fine sand, tan
5	5-6'		Damp, very fine brown sand
			End of boring at 6.0' bgs

ARCADIS

Remarks: 1. Below Ground Surface (bgs)
2. Not Surveyed (NS)

Project: 30103364 Template: LPTEMPLATE_HA_Final Page: 1 of 1
Data File: SB_9 Date: 2/1/2022 Created/Edited by: TP

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 Description
0	0-0.5'		Very fine sand, dry, light tan
	1-2'		Very fine sand, slightly silty, dry tan
	3-4'		Very fine clumpy sand, light brown, damp earthy organic odor
5	5-6'		Brown damp sand, earthy odor
			End of boring at 6.0' bgs

ARCADIS

Remarks: 1. Below Ground Surface (bgs)
2. Not Surveyed (NS)

Project: 30103364 Template: LPTEMPLATE_HA_Final Page: 1 of 1
Data File: SB_10 Date: 2/1/2022 Created/Edited by: TP

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-11 **Client:** Chevron **Location:** SCBU #5, Eddie County, New Mexico

DEPTH	Sample Interval	Geologic Column	Stratigraphic Description
0	0-0.5'		Brown, dry, fine sand
	1-2'		Very fine, clumpy sand, light silty, dry
	3-4'		Brown fine sand, lightly damp
5	5-6'		Brown, lightly damp, fine sand
			End of boring at 6.0' bgs

ARCADIS

Remarks: 1. Below Ground Surface (bgs)
2. Not Surveyed (NS)

Project: 30103364 Template: LPTEMPLATE_HA_Final Page: 1 of 1
Data File: SB_11 Date: 2/1/2022 Created/Edited by: TP

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
0	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
5	5-6'		Silty Sand, moist, brown, damp, malleable
			End of boring at 6.0' bgs

ARCADIS

Remarks: 1. Below Ground Surface (bgs)
2. Not Surveyed (NS)

Project: 30103364 Template: LPTEMPLATE_HA_Final
Data File: SB_12 Date: 2/1/2022 Created/Edited by: TP

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-13 **Client:** Chevron **Location:** SCBU #5, Eddie County, New Mexico

DEPTH	Sample Interval	Geologic Column	Stratigraphic Description
0	0-0.5'		Tan, fine, clumpy sand, dry, lightly silty
	1-2'		Light reddish brown, fine sand, lightly damp
	3-4'		Very fine sand, lightly damp, reddish brown
5	5-6'		Moist, slightly clumpy, very fine sand, brown
			End of boring at 6.0' bgs

ARCADIS

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

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-14 **Client:** Chevron **Location:** SCBU #5, Eddie County, New Mexico

DEPTH	Sample Interval	Geologic Column	Stratigraphic Description
0	0-0.5'		Dry fine sand, tan
	1-2'		Dry fine sand, tan
	3-4'		Light damp, fine sand, light brown
5	5-6'		Brown, damp, fine sand, slightly silty
			End of boring at 6.0' bgs

ARCADIS

Remarks: 1. Below Ground Surface (bgs)
2. Not Surveyed (NS)

Project: 30103364 Template: LPTEMPLATE_HA_Final Page: 1 of 1
Data File: SB_14 Date: 2/1/2022 Created/Edited by: TP

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-15 **Client:** Chevron **Location:** SCBU #5, Eddie County, New Mexico

DEPTH	Sample Interval	Geologic Column	Stratigraphic Description
0	0-0.5'		Brown, dry, fine sand
	1-2'		Reddish brown, dry, very fine sand
	3-4'		Light damp, reddish brown, very fine sand
5	5-6'		Moist, brown, very fine sand, slightly silty
			End of boring at 6.0' bgs

ARCADIS

Remarks: 1. Below Ground Surface (bgs)
2. Not Surveyed (NS)

Project: 30103364 Template: LPTEMPLATE_HA_Final Page: 1 of 1
Data File: SB_15 Date: 2/1/2022 Created/Edited by: TP

Appendix C

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)
		NMAC Standards	600
A-2	0 - 6"	04/07/20	***1,840***
	2'	04/07/20	***773 F1***
	4'	04/07/20	***2,260***
	6'	04/07/20	***635***
A-3	0 - 6"	04/07/20	189
	2'	04/07/20	***993***
	4'	04/07/20	***1,140***
	6'	04/07/20	501
B-3	0 - 6"	04/06/20	***762***
	2'	04/06/20	467
	4'	04/06/20	***3,960***
	6'	04/06/20	***5,310***
B-4	0 - 6"	04/06/20	***1,820***
	2'	04/06/20	***2,200***
	4'	04/06/20	***4,350***
	6'	04/06/20	***6,310***
C-2	0 - 6"	04/07/20	***963***
	2'	04/07/20	483
	4'	04/07/20	506
	6'	04/07/20	***1,680***
C-3	0 - 6"	04/07/20	***643***
	2'	04/07/20	244
	4'	04/07/20	215
	6'	04/07/20	457
C-4	0 - 6"	04/06/20	***7,310***
	2'	04/06/20	***1,070***
	4'	04/06/20	***9,440***
	6'	04/06/20	***11,300***
C-5	0 - 6"	04/06/20	***1,880***
	2'	04/06/20	***2,880***
	4'	04/06/20	***11,500***
	6'	04/06/20	***15,800***
D-1	0 - 6"	04/07/20	***2,850***
	2'	04/07/20	558
	4'	04/07/20	***3,070***
	6'	04/07/20	***7,490***
D-2	0"- 6"	04/07/20	***896***
	2'	04/07/20	117 F1 & F2
	4'	04/07/20	148
	6'	04/07/20	298
D-3	0"- 6"	04/07/20	371
	2'	04/07/20	291 F1
	4'	04/07/20	199
	6'	04/07/20	***1,030***
D-5	0" - 6"	04/06/20	***666***
	2'	04/06/20	***1,170***
	4'	04/06/20	***19,500 F1***
	6'	04/06/20	***6,320***
D-6	0" - 6"	04/06/20	***865***
	2'	04/06/20	575
	4'	04/06/20	***6,040***
	6'	04/06/20	***5,440***
D-7	0" - 6"	04/06/20	365
	2'	04/06/20	417
	4'	04/06/20	***2,140***
	6'	04/06/20	***1,490 F1***
E-1	0" - 6"	04/08/20	***25,200***
	2'	04/08/20	***790***
	4'	04/08/20	389
	6'	04/08/20	480
E-2	0"-6"	04/07/20	***2,250***
	2'	04/07/20	366
	4'	04/07/20	***1,080***
	6'	04/07/20	403

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

ARCADIS

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

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
SB-13	0'-0.5'	09/23/21	<20.3
	1'-2'	09/23/21	10.5 J
	3'-4'	09/23/21	<25.3
	5'-6'	09/23/21	156
SB-14	0'-0.5'	09/23/21	<20.1
	1'-2'	09/23/21	21.7
	3'-4'	09/23/21	44.5
	5'-6'	09/23/21	***1,070***
SB-15	0'-0.5'	09/23/21	<23.7
	1'-2'	09/23/21	12.4 J
	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
bgs: below ground surface

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

Appendix D

Analytical Report

ANALYTICAL REPORT

October 05, 2021

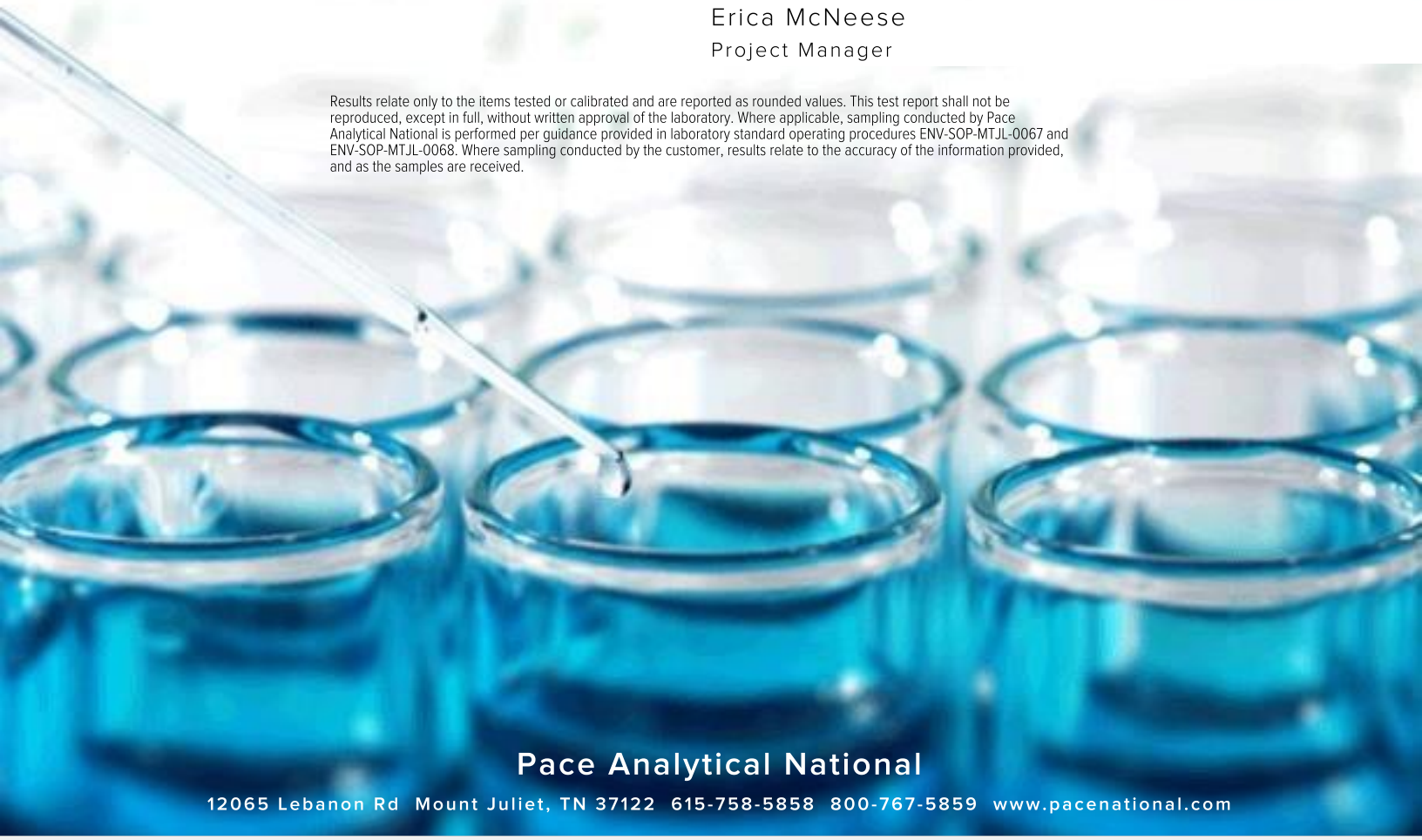
ARCADIS US - New Mexico

Sample Delivery Group:	L1409220
Samples Received:	09/25/2021
Project Number:	30103364
Description:	SCB-5B
Site:	SCB-5B
Report To:	Scott Foord
	1004 N Big Spring Street
	Suite 121
	Midland, TX 79701

Entire Report Reviewed By: Erica McNeese

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

TABLE OF CONTENTS

SB-05-S-0.5-210922 L1409220-01 Solid

Collected by: Carlos G.
Collected date/time: 09/22/21 13:10
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	WG1749355	1	10/01/21 13:42	10/01/21 13:48	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750229	5	10/01/21 17:55	10/01/21 22:47	ELN	Mt. Juliet, TN

SB-05-S-1-2-210922 L1409220-02 Solid

Collected by: Carlos G.
Collected date/time: 09/22/21 13:20
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	WG1749355	1	10/01/21 13:42	10/01/21 13:48	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750229	20	10/01/21 17:55	10/01/21 22:56	ELN	Mt. Juliet, TN

SB-05-S-3-4-210922 L1409220-03 Solid

Collected by: Carlos G.
Collected date/time: 09/22/21 13:25
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	WG1749355	1	10/01/21 13:42	10/01/21 13:48	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750229	100	10/01/21 17:55	10/01/21 23:06	ELN	Mt. Juliet, TN

SB-05-S-5-6-210922 L1409220-04 Solid

Collected by: Carlos G.
Collected date/time: 09/22/21 13:40
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	WG1749355	1	10/01/21 13:42	10/01/21 13:48	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750229	5	10/01/21 17:55	10/01/21 23:16	ELN	Mt. Juliet, TN

SB-04-S-0.5-210922 L1409220-05 Solid

Collected by: Carlos G.
Collected date/time: 09/22/21 13:45
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	WG1749355	1	10/01/21 13:42	10/01/21 13:48	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750229	1	10/01/21 17:55	10/01/21 23:25	ELN	Mt. Juliet, TN

SB-04-S-1-2-210922 L1409220-06 Solid

Collected by: Carlos G.
Collected date/time: 09/22/21 13:50
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	WG1749355	1	10/01/21 13:42	10/01/21 13:48	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750229	1	10/01/21 17:55	10/01/21 23:35	ELN	Mt. Juliet, TN

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 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
Wet Chemistry by Method 300.0	WG1750229	1	10/01/21 17:55	10/01/21 23:44	ELN	Mt. Juliet, TN

SB-04-S-5-6-210922 L1409220-08 Solid

Collected by: Carlos G.
Collected date/time: 09/22/21 14:08
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	WG1749355	1	10/01/21 13:42	10/01/21 13:48	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750229	1	10/01/21 17:55	10/01/21 23:54	ELN	Mt. Juliet, TN

SB-03-S-0.5-210922 L1409220-09 Solid

Collected by: Carlos G.
Collected date/time: 09/22/21 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	WG1749355	1	10/01/21 13:42	10/01/21 13:48	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750229	1	10/01/21 17:55	10/02/21 00:51	ELN	Mt. Juliet, TN

SB-03-S-1-2-210922 L1409220-10 Solid

Collected by: Carlos G.
Collected date/time: 09/22/21 14:25
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	WG1749355	1	10/01/21 13:42	10/01/21 13:48	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750229	1	10/01/21 17:55	10/02/21 01:00	ELN	Mt. Juliet, TN

SB-03-S-3-4-210922 L1409220-11 Solid

Collected by: Carlos G.
Collected date/time: 09/22/21 14:30
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	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

SB-03-S-5-6-210922 L1409220-12 Solid

Collected by: Carlos G.
Collected date/time: 09/22/21 14:35
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	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

SB-02-S-0.5-210922 L1409220-13 Solid

Collected by: Carlos G.
Collected date/time: 09/22/21 15:15
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	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 01:29	ELN	Mt. Juliet, TN

SB-02-S-1-2-210922 L1409220-14 Solid

Collected by: Carlos G.
Collected date/time: 09/22/21 15:20
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	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 01:38	ELN	Mt. Juliet, TN

SB-02-S-3-4-210922 L1409220-15 Solid

Collected by: Carlos G.
Collected date/time: 09/22/21 15:25
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	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

SB-02-S-5-6-210922 L1409220-16 Solid

Collected by: Carlos G.
Collected date/time: 09/22/21 15:30
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	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 02:16	ELN	Mt. Juliet, TN

SB-01-S-0.5-210922 L1409220-17 Solid

Collected by: Carlos G.
Collected date/time: 09/22/21 15:40
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	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

SB-01-S-1-2-210922 L1409220-18 Solid

Collected by: Carlos G.
Collected date/time: 09/22/21 15:45
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	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

SB-01-S-3-4-210922 L1409220-19 Solid

Collected by: Carlos G.
Collected date/time: 09/22/21 15:55
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	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

SB-01-S-5-6-210922 L1409220-20 Solid

Collected by: Carlos G.
Collected date/time: 09/22/21 16:05
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	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

SB-10-S-0.5-210923 L1409220-21 Solid

Collected by: Carlos G.
Collected date/time: 09/23/21 10:15
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	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 03:47	ELN	Mt. Juliet, TN

SB-10-S-1-2-210923 L1409220-22 Solid

Collected by: Carlos G.
Collected date/time: 09/23/21 10:30
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	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

SB-10-S-3-4-210923 L1409220-23 Solid

Collected by: Carlos G.
Collected date/time: 09/23/21 10:35
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	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 04:06	ELN	Mt. Juliet, TN

SB-10-S-5-6-210923 L1409220-24 Solid

Collected by: Carlos G.
Collected date/time: 09/23/21 10:45
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	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

SB-11-S-0.5-210923 L1409220-25 Solid

Collected by: Carlos G.
Collected date/time: 09/23/21 10:55
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	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

SB-11-S-1-2-210923 L1409220-26 Solid

Collected by: Carlos G.
Collected date/time: 09/23/21 11:00
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	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

SB-11-S-3-4-210923 L1409220-27 Solid

Collected by: Carlos G.
Collected date/time: 09/23/21 11:10
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	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

SB-11-S-5-6-210923 L1409220-28 Solid

Collected by: Carlos G.
Collected date/time: 09/23/21 11:15
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	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 04:54	ELN	Mt. Juliet, TN

SB-12-S-0.5-210923 L1409220-29 Solid

Collected by: Carlos G.
Collected date/time: 09/23/21 11:30
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	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 05:51	ELN	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 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	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 06:00	ELN	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 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	WG1749359	1	10/01/21 15:43	10/01/21 15:49	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750524	1	10/02/21 19:44	10/03/21 06:10	ELN	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	WG1749359	1	10/01/21 15:43	10/01/21 15:49	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750524	1	10/02/21 19:44	10/03/21 06:19	ELN	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	WG1749359	1	10/01/21 15:43	10/01/21 15:49	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750524	1	10/02/21 19:44	10/03/21 06:29	ELN	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	WG1749359	1	10/01/21 15:43	10/01/21 15:49	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750524	1	10/02/21 19:44	10/03/21 06:38	ELN	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 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	WG1749359	1	10/01/21 15:43	10/01/21 15:49	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750524	1	10/02/21 19:44	10/03/21 06:48	ELN	Mt. Juliet, TN

SB-13-S-5-6-210923 L1409220-36 Solid

Collected by: Carlos G.
Collected date/time: 09/23/21 12:25
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	WG1749359	1	10/01/21 15:43	10/01/21 15:49	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750524	1	10/02/21 19:44	10/03/21 07:17	ELN	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 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	WG1749359	1	10/01/21 15:43	10/01/21 15:49	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750524	1	10/02/21 19:44	10/03/21 07:26	ELN	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 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	WG1749359	1	10/01/21 15:43	10/01/21 15:49	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750524	1	10/02/21 19:44	10/03/21 07:36	ELN	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	WG1749359	1	10/01/21 15:43	10/01/21 15:49	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750524	1	10/02/21 19:44	10/03/21 07:55	ELN	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	WG1749359	1	10/01/21 15:43	10/01/21 15:49	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750524	5	10/02/21 19:44	10/03/21 08:04	ELN	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	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 15:04	ELN	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 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	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 15:13	ELN	Mt. Juliet, TN

SB-15-S-3-4-210923 L1409220-43 Solid

Collected by: Carlos G.
Collected date/time: 09/23/21 14:25
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	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

SB-15-S-5-6-210923 L1409220-44 Solid

Collected by: Carlos G.
Collected date/time: 09/23/21 14:30
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	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

SB-09-S-0.5-210923 L1409220-45 Solid

Collected by: Carlos G.
Collected date/time: 09/23/21 15:00
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	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

SB-09-S-1-2-210923 L1409220-46 Solid

Collected by: Carlos G.
Collected date/time: 09/23/21 15:10
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	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 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	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

SB-09-S-5-6-210923 L1409220-48 Solid

Collected by: Carlos G.
Collected date/time: 09/23/21 15:20
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	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

SB-08-S-0.5-210923 L1409220-49 Solid

Collected by: Carlos G.
Collected date/time: 09/23/21 15:35
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	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 17:07	ELN	Mt. Juliet, TN

SB-08-S-1-2-210923 L1409220-50 Solid

Collected by: Carlos G. | Collected date/time: 09/23/21 15:40 | 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	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

SB-08-S-3-4-210923 L1409220-51 Solid

Collected by: Carlos G. | Collected date/time: 09/23/21 15:45 | 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	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

SB-08-S-5-6-210923 L1409220-52 Solid

Collected by: Carlos G. | Collected date/time: 09/23/21 15:50 | 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	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

SB-07-S-0.5-210924 L1409220-53 Solid

Collected by: Carlos G. | Collected date/time: 09/24/21 09:40 | 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	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

SB-07-S-1-2-210924 L1409220-54 Solid

Collected by: Carlos G. | Collected date/time: 09/24/21 09:50 | 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	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

SB-07-S-3-4-210924 L1409220-55 Solid

Collected by: Carlos G. | Collected date/time: 09/24/21 09:55 | 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	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

SB-07-S-5-6-210924 L1409220-56 Solid

Collected by: Carlos G. | Collected date/time: 09/24/21 10:05 | 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	WG1749361	1	10/01/21 12:54	10/01/21 13:02	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1750526	5	10/04/21 11:14	10/04/21 18:33	ELN	Mt. Juliet, TN

SB-06-S-0.5-210924 L1409220-57 Solid

Collected by: Carlos G.
Collected date/time: 09/24/21 10:15
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	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

SB-06-S-1-2-210924 L1409220-58 Solid

Collected by: Carlos G.
Collected date/time: 09/24/21 10:20
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	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

SB-06-S-3-4-210924 L1409220-59 Solid

Collected by: Carlos G.
Collected date/time: 09/24/21 10:30
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	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

SB-06-S-5-6-210924 L1409220-60 Solid

Collected by: Carlos G.
Collected date/time: 09/24/21 10:40
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	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

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 McNeese
Project Manager

SB-03-S-0.5-210922
Collected date/time: 09/22/21 13:10

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	2740		47.5	103	5	10/01/2021 22:47	WG1750229

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	4450		198	430	20	10/01/2021 22:56	WG1750229

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	11500		1110	2400	100	10/01/2021 23:06	WG1750229

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	92.0		1	10/01/2021 13:48	WG1749355

Wet Chemistry by Method 300.0

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

SB-04-S-0.5-210922
Collected date/time: 09/22/21 13:45

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	96.9		1	10/01/2021 13:48	WG1749355

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	24.8		9.49	20.6	1	10/01/2021 23:25	WG1750229

SB-04-3-1-2-210922
Collected date/time: 09/22/21 13:50
L1409220

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	75.8		9.32	20.3	1	10/01/2021 23:35	WG1750229

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

SB-04-3-3-4-210922
Collected date/time: 09/22/21 14:00

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	98.4		1	10/01/2021 13:48	WG1749355

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	236		9.35	20.3	1	10/01/2021 23:44	WG1750229

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	883		9.94	21.6	1	10/01/2021 23:54	WG1750229

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	U		11.0	23.8	1	10/02/2021 00:51	WG1750229

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.1		1	10/01/2021 13:48	WG1749355

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	13.9	J	11.3	24.7	1	10/02/2021 01:00	WG1750229

SB-03-3-3-4-210922
Collected date/time: 09/22/21 14:30

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.2		1	10/01/2021 13:40	WG1749356

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	129		11.3	24.6	1	10/02/2021 01:10	WG1750229

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	275		12.0	26.1	1	10/02/2021 01:19	WG1750229

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	79.2		1	10/01/2021 13:40	WG1749356

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	U		11.6	25.3	1	10/02/2021 01:29	WG1750229

SB-02-S-1-2-210922
Collected date/time: 09/22/21 15:20
L1409220

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

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

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	U		10.5	22.7	1	10/02/2021 01:48	WG1750229

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	12.0	J	10.6	23.0	1	10/02/2021 02:16	WG1750229

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	11600		942	2050	100	10/02/2021 02:26	WG1750229

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	2980		52.4	114	5	10/02/2021 02:35	WG1750229

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	3210		52.9	115	5	10/02/2021 02:54	WG1750229

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	12500		1010	2190	100	10/02/2021 03:04	WG1750229

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	U		9.27	20.1	1	10/03/2021 03:47	WG1750524

SB-10-3-1-2-210923
Collected date/time: 09/23/21 10:30

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	13.5	J	9.36	20.3	1	10/03/2021 03:57	WG1750524

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	95.3		1	10/01/2021 15:56	WG1749357

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	12.3	J	9.65	21.0	1	10/03/2021 04:06	WG1750524

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

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

SB-11-3-0.5-210923
Collected date/time: 09/23/21 10:55

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	98.2		1	10/01/2021 15:56	WG1749357

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	U		9.37	20.4	1	10/03/2021 04:25	WG1750524

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	95.0		1	10/01/2021 15:56	WG1749357

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	27.3		9.68	21.0	1	10/03/2021 04:35	WG1750524

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	249		9.36	20.3	1	10/03/2021 04:44	WG1750524

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	171		9.34	20.3	1	10/03/2021 04:54	WG1750524

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	96.5		1	10/01/2021 15:56	WG1749357

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	14.7	J	9.53	20.7	1	10/03/2021 05:51	WG1750524

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	64.1		9.36	20.3	1	10/03/2021 06:00	WG1750524

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	401		9.59	20.8	1	10/03/2021 06:10	WG1750524

SB-12-3-3-0-210923
Collected date/time: 09/23/21 11:50

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	402		9.62	20.9	1	10/03/2021 06:19	WG1750524

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

SB-13-3-0.5-210923
Collected date/time: 09/23/21 12:00
L1409220

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	98.3		1	10/01/2021 15:49	WG1749359

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	U		9.36	20.3	1	10/03/2021 06:29	WG1750524

SB-13-3-1-2-210923
Collected date/time: 09/23/21 12:10

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	96.7		1	10/01/2021 15:49	WG1749359

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	10.5	J	9.51	20.7	1	10/03/2021 06:38	WG1750524

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	U		11.6	25.3	1	10/03/2021 06:48	WG1750524

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	156		10.0	21.8	1	10/03/2021 07:17	WG1750524

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	U		9.27	20.1	1	10/03/2021 07:26	WG1750524

SB-14-S-1-2-210923
Collected date/time: 09/23/21 13:55

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	21.7		9.34	20.3	1	10/03/2021 07:36	WG1750524

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	44.5		9.59	20.9	1	10/03/2021 07:55	WG1750524

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	92.1		1	10/01/2021 15:49	WG1749359

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	1070		50.0	109	5	10/03/2021 08:04	WG1750524

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	U		10.9	23.7	1	10/04/2021 15:04	WG1750526

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	12.4	J	9.92	21.6	1	10/04/2021 15:13	WG1750526

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	250		9.53	20.7	1	10/04/2021 15:23	WG1750526

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	1220		49.2	107	5	10/04/2021 15:32	WG1750526

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	13.2	J	9.32	20.3	1	10/04/2021 15:42	WG1750526

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	98.0		1	10/01/2021 15:42	WG1749360

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	39.2		9.38	20.4	1	10/04/2021 15:51	WG1750526

SB-09-3-3-4-210923
Collected date/time: 09/23/21 15:15

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	U		9.30	20.2	1	10/04/2021 16:01	WG1750526

SB-09-3-3-0-210923
Collected date/time: 09/23/21 15:20

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	126		9.35	20.3	1	10/04/2021 16:10	WG1750526

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	77.7		1	10/01/2021 15:42	WG1749360

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	U		11.8	25.7	1	10/04/2021 17:07	WG1750526

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	U		10.6	23.1	1	10/04/2021 17:17	WG1750526

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	U		11.3	24.6	1	10/04/2021 17:26	WG1750526

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

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

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	U		11.6	25.1	1	10/04/2021 17:45	WG1750526

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	80.3		1	10/01/2021 13:02	WG1749361

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	20.6	J	11.5	24.9	1	10/04/2021 17:55	WG1750526

SB-07-3-3-4-210924
Collected date/time: 09/24/21 09:55

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	54.1		12.0	26.0	1	10/04/2021 18:04	WG1750526

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	1580		56.8	123	5	10/04/2021 18:33	WG1750526

SB-06-S-0.5-210924
Collected date/time: 09/24/21 10:15
L1409220

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	87.4		1	10/01/2021 13:02	WG1749361

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	10.6	J	10.5	22.9	1	10/04/2021 18:42	WG1750526

SB-06-S-1-2-210924
Collected date/time: 09/24/21 10:20
L1409220

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	97.1		1	10/01/2021 13:02	WG1749361

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	149		9.47	20.6	1	10/04/2021 18:52	WG1750526

SB-06-3-3-4-210924
Collected date/time: 09/24/21 10:30

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	821		9.82	21.3	1	10/04/2021 19:11	WG1750526

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Total Solids by Method 2540 G-2011

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

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	788		9.85	21.4	1	10/04/2021 19:21	WG1750526

QUALITY CONTROL SUMMARY

L1409220-01,02,03,04,05,06,07,08,09,10

Method Blank (MB)

(MB) R3711594-1 10/01/21 13:48

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1409220-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1409220-01 10/01/21 13:48 • (DUP) R3711594-3 10/01/21 13:48

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	96.8	96.8	1	0.0139		10

Laboratory Control Sample (LCS)

(LCS) R3711594-2 10/01/21 13:48

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	99.9	85.0-115	

QUALITY CONTROL SUMMARY

L1409220-11,12,13,14,15,16,17,18,19,20

Method Blank (MB)

(MB) R3711593-1 10/01/21 13:40

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000			

L1409220-12 Original Sample (OS) • Duplicate (DUP)

(OS) L1409220-12 10/01/21 13:40 • (DUP) R3711593-3 10/01/21 13:40

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	76.6	75.9	1	0.935		10

Laboratory Control Sample (LCS)

(LCS) R3711593-2 10/01/21 13:40

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

QUALITY CONTROL SUMMARY

L1409220-21,22,23,24,25,26,27,28,29,30

Method Blank (MB)

(MB) R3711605-1 10/01/21 15:56

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00200			

L1409220-23 Original Sample (OS) • Duplicate (DUP)

(OS) L1409220-23 10/01/21 15:56 • (DUP) R3711605-3 10/01/21 15:56

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	95.3	95.4	1	0.0939		10

Laboratory Control Sample (LCS)

(LCS) R3711605-2 10/01/21 15:56

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

QUALITY CONTROL SUMMARY

L1409220-31,32,33,34,35,36,37,38,39,40

Method Blank (MB)

(MB) R3711604-1 10/01/21 15:49

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1409220-34 Original Sample (OS) • Duplicate (DUP)

(OS) L1409220-34 10/01/21 15:49 • (DUP) R3711604-3 10/01/21 15:49

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	96.7	96.7	1	0.0267		10

Laboratory Control Sample (LCS)

(LCS) R3711604-2 10/01/21 15:49

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

QUALITY CONTROL SUMMARY

L1409220-41,42,43,44,45,46,47,48,49,50

Method Blank (MB)

(MB) R3711603-1 10/01/21 15:42

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	%		%	%
Total Solids	0.00200			

L1409220-45 Original Sample (OS) • Duplicate (DUP)

(OS) L1409220-45 10/01/21 15:42 • (DUP) R3711603-3 10/01/21 15:42

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	%	%		%		%
Total Solids	98.7	98.7	1	0.0182		10

Laboratory Control Sample (LCS)

(LCS) R3711603-2 10/01/21 15:42

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	%	%	%	%	
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3711615-1 10/01/21 13:02

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	%		%	%
Total Solids	0.00100			

L1409220-56 Original Sample (OS) • Duplicate (DUP)

(OS) L1409220-56 10/01/21 13:02 • (DUP) R3711615-3 10/01/21 13:02

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	%	%		%		%
Total Solids	81.0	81.1	1	0.116		10

Laboratory Control Sample (LCS)

(LCS) R3711615-2 10/01/21 13:02

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	%	%	%	%	
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3711911-1 10/01/21 22:10

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Chloride	U		9.20	20.0

L1409220-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1409220-08 10/01/21 23:54 • (DUP) R3711911-3 10/02/21 00:22

	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Chloride	883	887	1	0.527		20

L1409220-18 Original Sample (OS) • Duplicate (DUP)

(OS) L1409220-18 10/02/21 02:35 • (DUP) R3711911-6 10/02/21 02:45

	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Chloride	2980	2880	5	3.35		20

Laboratory Control Sample (LCS)

(LCS) R3711911-2 10/01/21 22:20

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
Chloride	200	200	99.9	90.0-110	

L1409220-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1409220-08 10/01/21 23:54 • (MS) R3711911-4 10/02/21 00:32 • (MSD) R3711911-5 10/02/21 00:41

	Spike Amount (dry)	Original Result (dry)	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	540	883	1360	1460	88.9	107	1	80.0-120	E	E	6.99	20

Method Blank (MB)

(MB) R3711916-1 10/03/21 03:28

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Chloride	U		9.20	20.0

L1409220-28 Original Sample (OS) • Duplicate (DUP)

(OS) L1409220-28 10/03/21 04:54 • (DUP) R3711916-3 10/03/21 05:22

	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Chloride	171	174	1	1.69		20

L1409220-38 Original Sample (OS) • Duplicate (DUP)

(OS) L1409220-38 10/03/21 07:36 • (DUP) R3711916-6 10/03/21 07:45

	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Chloride	21.7	24.3	1	11.3		20

Laboratory Control Sample (LCS)

(LCS) R3711916-2 10/03/21 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	

L1409220-28 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1409220-28 10/03/21 04:54 • (MS) R3711916-4 10/03/21 05:32 • (MSD) R3711916-5 10/03/21 05:41

	Spike Amount (dry)	Original Result (dry)	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	508	171	606	587	85.7	82.0	1	80.0-120			3.15	20

Method Blank (MB)

(MB) R3712479-1 10/04/21 14:20

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Chloride	U		9.20	20.0

L1409220-48 Original Sample (OS) • Duplicate (DUP)

(OS) L1409220-48 10/04/21 16:10 • (DUP) R3712479-3 10/04/21 16:39

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	126	122	1	3.15		20

L1409220-58 Original Sample (OS) • Duplicate (DUP)

(OS) L1409220-58 10/04/21 18:52 • (DUP) R3712479-6 10/04/21 19:02

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	149	152	1	2.44		20

Laboratory Control Sample (LCS)

(LCS) R3712479-2 10/04/21 14:29

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	200	197	98.4	90.0-110	

L1409220-48 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1409220-48 10/04/21 16:10 • (MS) R3712479-4 10/04/21 16:48 • (MSD) R3712479-5 10/04/21 16:58

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	508	126	664	640	106	101	1	80.0-120			3.71	20

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.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	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.

Company Name/Address:
ARCADIS US - New Mexico
1004 N Big Spring Street
Suite 121
Midland. TX 79701

Billing Information:
Accounts Payable
1004 N Big Spring Street
Suite 121
Midland, TX 79701

Pres Chk

Report to: Scott Foord

Email To: william.foord@arcadis.com;sarah.johnson@arc

Project Description: SCB-5B

City/State Collected:

Please Circle: PT MT CT ET

Phone: 432-687-5400

Client Project # 30103364

Lab Project # CHEVARCNM-SCB5B

Collected by (print): Carlos Grajeda

Site/Facility ID # SCB-5B

P.O. #

Collected by (signature): Carlos Grajeda

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Quote #

Analysis / Container / Preservative

Chain of Custody Page 1 of 6

Pace Analytical
L1409220

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SDG # L1409216

Table # G006

Acctnum: CHEVARCNM
Template: T195209
Prelogin: P873461
PM: 526 - Chris McCord
PB:
Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CHLORIDE-300 4ozClr-NoPres	Remarks	Sample # (lab only)
SB-05-S-0-.5-210922	G	SS	0-.5	9-22-21	1310	1	X		01
SB-05-S-1-2-210922	G	SS	1-2	9-22-21	1320	1	X		02
SB-05-S-3-4-210922	G	SS	3-4	9-22-21	1325	1	X		03
SB-05-S-5-6-210922	G	SS	5-6	9-22-21	1340	1	X		04
SB-04-S-0-.5-210922	G	SS	0-.5	9-22-21	1345	1	X		05
SB-04-S-1-2-210922	G	SS	1-2	9-22-21	1350	1	X		06
SB-04-S-3-4-210922	G	SS	3-4	9-22-21	1400	1	X		07
SB-04-S-5-6-210922	G	SS	5-6	9-22-21	1408	1	X		08
SB-03-S-0-.5-210922	G	SS	0-.5	9-22-21	1415	1	X		09
SB-03-S-1-2-210922	G	SS	1-2	9-22-21	1425	1	X		10

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: ✓Y __N
Preservation Correct/Checked: ✓Y __N
RAD Screen <0.5 mR/hr: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Carlos Grajeda	9-24-21	1435		N/A
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.3+0.2=1.3 °C Bottles Received: 60
				If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 9/25/21 Time: 945
				Hold: Condition: NCF / OK

Company Name/Address:
ARCADIS US - New Mexico

1004 N Big Spring Street
Suite 121
Midland. TX 79701

Billing Information:
Accounts Payable
1004 N Big Spring Street
Suite 121
Midland, TX 79701

Pres Chk

Report to: **Scott Foord**

Email To: william.foord@arcadis.com;sarah.johnson@arc

Project Description: SCB-5B

City/State Collected:

Please Circle: PT MT CT ET

Phone: 432-687-5400

Client Project # 30103364

Lab Project # CHEVARCNM-SCB5B

Collected by (print): Carlos Grajeda

Collected by (signature): Carlos Grajeda

Immediately Packed on Ice N ___ Y ✓

Site/Facility ID # SCB-5B

P.O. #

Quote #

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Analysis / Container / Preservative

CHLORIDE-300 4ozClr-NoPres

Chain of Custody Page 2 of 6

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SDG # L409216

Table #

Acctnum: CHEVARCNM

Template: T195209

Prelogin: P873461

PM: 526 - Chris McCord

PB:

Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CHLORIDE-300 4ozClr-NoPres	Remarks	Sample # (lab only)
SB-0353-4-210922	G	SS	3-4	9-22-21	1430	1	X		11
SB-0355-6-210922	G	SS	5-6	9-22-21	1435	1	X		12
SB-0250-5-210922	G	SS	0-.5	9-22-21	1515	1	X		13
SB-0251-2-210922	G	SS	1-2	9-22-21	1520	1	X		14
SB-0253-4-210922	G	SS	3-4	9-22-21	1525	1	X		15
SB-0255-6-210922	G	SS	5-6	9-22-21	1530	1	X		16
SB-0150-5-210922	G	SS	0-.5	9-22-21	1540	1	X		17
SB-0151-2-210922	G	SS	1-2	9-22-21	1545	1	X		18
SB-0153-4-210922	G	SS	3-4	9-22-21	1555	1	X		19
SB-0155-6-210922	G	SS	5-6	9-22-21	1605	1	X		20

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
Carlos Grajeda	9-24-21	1435			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.3 °C Bottles Received: 60	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 9/25/21 Time: 945	Hold: Condition: NCF / OK

Company Name/Address:
ARCADIS US - New Mexico

1004 N Big Spring Street
Suite 121
Midland. TX 79701

Billing Information:
Accounts Payable
1004 N Big Spring Street
Suite 121
Midland, TX 79701

Pres Chk

Report to:
Scott Foord

Email To:
william.foord@arcadis.com;sarah.johnson@arc

Project Description:
SCB-5B

City/State Collected:

Please Circle: PT MT CT ET

Phone: 432-687-5400

Client Project #
30103364

Lab Project #
CHEVARCNM-SCB5B

Collected by (print):
Carlos Graveda

Site/Facility ID #
SCB-5B

P.O. #

Collected by (signature):
Carlos Graveda

Immediately
Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

Chain of Custody Page 3 of 6

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SDG # L1409216

Table #

Acctnum: CHEVARCNM
Template: T195209
Prelogin: P873461
PM: 526 - Chris McCord
PB:

Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CHLORIDE-300 4ozClr-NoPres	Remarks	Sample # (lab only)
SB-10-S-0-.5-210923	G	SS	0-.5	9-23-21	1015	1	X		21
CG SB-10-S-1-2-210923	G	SS	1-2	9-23-21	1030	1	X		22
SB-10-S-3-4-210923	G	SS	3-4	9-23-21	1035	1	X		23
SB-10-S-5-6-210923	G	SS	5-6	9-23-21	1045	1	X		24
CG SB-11-S-0-.5-210923	G	SS	0-.5	9-23-21	1055	1	X		25
CG SB-11-S-1-2-210923	G	SS	1-2	9-23-21	1100	1	X		26
CG SB-11-S-3-4-210923	G	SS	3-4	9-23-21	1110	1	X		27
SB-11-S-5-6-210923	G	SS	5-6	9-23-21	1115	1	X		28
SB-12-S-0-.5-210923	G	SS	0-.5	9-23-21	1130	1	X		29
SB-12-S-1-2-210923	G	SS	1-2	9-23-21	1135	1	X		30

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes No HCL / MeoH TBR	
Carlos Graveda	9-24-21	1435			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.3+0.1=1.3 °C Bottles Received: 66	If preservation required by Login: Date/Time
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 9/25/21 Time: 945	Hold: / Condition: NCF / OK

Company Name/Address:
ARCADIS US - New Mexico

1004 N Big Spring Street
Suite 121
Midland. TX 79701

Billing Information:
Accounts Payable
1004 N Big Spring Street
Suite 121
Midland, TX 79701

Pres Chk

Report to: Scott Foord

Email To: william.foord@arcadis.com;sarah.johnson@arc

Project Description: SCB-5B

City/State Collected:

Please Circle: PT MT CT ET

Phone: 432-687-5400

Client Project # 30103364

Lab Project # CHEVARCNM-SCB5B

Collected by (print): Carlos Grajeda

Site/Facility ID # SCB-5B

P.O. #

Collected by (signature): Carlos Grajeda

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

CHLORIDE-300 4ozClr-NoPres

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs		Remarks	Sample # (lab only)
SB-12-S-3-4-210923	G	SS	3-4	9-23-21	1140	1	X		31
SB-12-S-5-6-210923	G	SS	5-6	9-23-21	1150	1	X		32
SB-13-S-0.5-210923	G	SS	0-.5	9-23-21	1200	1	X		33
SB-13-S-1-2-210923	G	SS	1-2	9-23-21	1210	1	X		34
SB-13-S-3-4-210923	G	SS	3-4	9-23-21	1215	1	X		35
SB-13-S-5-6-210923	G	SS	5-6	9-23-21	1225	1	X		36
SB-14-S-0.5-210923	G	SS	0-.5	9-23-21	1350	1	X		37
SB-14-S-1-2-210923	G	SS	1-2	9-23-21	1355	1	X		38
SB-14-S-3-4-210923	G	SS	3-4	9-23-21	1400	1	X		39
SB-14-S-5-6-210923	G	SS	5-6	9-23-21	1410	1	X		40

Chain of Custody Page 4 of 6

Pace Analytical®
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SDG # L1409216

Table #

Acctnum: CHEVARCNM

Template: T195209

Prelogin: P873461

PM: 526 - Chris McCord

PB:

Shipped Via: FedEX Ground

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
Carlos Grajeda	9-24-21	1435			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.3+0.2=1.3 °C Bottles Received: 60	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 9/25/21 Time: 945	Hold: / Condition: NCF / OK

Company Name/Address:
ARCADIS US - New Mexico
1004 N Big Spring Street
Suite 121
Midland. TX 79701

Billing Information:
Accounts Payable
1004 N Big Spring Street
Suite 121
Midland, TX 79701

Pres Chk

Report to: **Scott Foord**

Email To: **william.foord@arcadis.com;sarah.johnson@arc**

Project Description: **SCB-5B**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **432-687-5400**

Client Project # **30103364**

Lab Project # **CHEVARCNM-SCB5B**

Collected by (print): Carlos Grajeda

Collected by (signature): Carlos Grajeda

Immediately Packed on Ice N ___ Y ✓

Site/Facility ID # **SCB-5B**

P.O. #

Quote #

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Analysis / Container / Preservative

CHLORIDE-300 4ozClr-NoPres

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs		Remarks	Sample # (lab only)
SB-15-S-0.5-210923	G	SS	0-5	9-23-21	1415	1	X		41
SB-15-S-1-2-210923	G	SS	1-2	9-23-21	1420	1	X		42
SB-15-S-3-4-210923	G	SS	3-4	9-23-21	1425	1	X		43
SB-15-S-5-6-210923	G	SS	5-6	9-23-21	1430	1	X		44
SB-09-S-0-5-210923	G	SS	0-5	9-23-21	1500	1	X		45
CG SB-09-S-1-2-210923	G	SS	1-2	9-23-21	1510	1	X		46
SB-09-S-3-4-210923	G	SS	3-4	9-23-21	1515	1	X		47
SB-09-S-5-6-210923	G	SS	5-6	9-23-21	1520	1	X		48
SB-08-S-0-5-210923	G	SS	0-5	9-23-21	1535	1	X		49
SB-08-S-1-2-210923	G	SS	1-2	9-23-21	1540	1	X		50

Chain of Custody Page 5 of 6

Pace Analytical®
L1489220

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SDG # L1489216

Table #

Acctnum: **CHEVARCNM**
Template: **T195209**
Prelogin: **P873461**
PM: **526 - Chris McCord**
PB:

Shipped Via: **FedEX Ground**

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: ~~NP~~ Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes (No) HCL / MeoH TBR
Carlos Grajeda	9-24-21	1435		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.3+0.2=1.3 °C Bottles Received: 60
				If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 9/25/21 Time: 945
				Hold: Condition: NCF / OK

Company Name/Address:
ARCADIS US - New Mexico

1004 N Big Spring Street
Suite 121
Midland. TX 79701

Billing Information:
Accounts Payable
1004 N Big Spring Street
Suite 121
Midland, TX 79701

Pres Chk

Report to: **Scott Foord**

Email To: william.foord@arcadis.com;sarah.johnson@arc

Project Description: **SCB-5B**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **432-687-5400**

Client Project # **30103364**

Lab Project # **CHEVARCNM-SCB5B**

Collected by (print): Carlos Graneda

Collected by (signature): Carlos Graneda

Immediately Packed on Ice N ___ Y ✓

Site/Facility ID # **SCB-5B**

P.O. #

Quote #

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Analysis / Container / Preservative

CHLORIDE-300 4ozClr-NoPres

Chain of Custody Page 6 of 6

Pace Analytical®

L1409220

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1409216

Table #

Acctnum: **CHEVARCNM**

Template: **T195209**

Prelogin: **P873461**

PM: **526 - Chris McCord**

PB:

Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CHLORIDE-300 4ozClr-NoPres	Remarks	Sample # (lab only)
SB-08-S-3-4-210923	G	SS	3-4	9-23-21	1545	1	X		51
SB-08-S-5-6-210923	G	SS	5-6	9-23-21	1550	1	X		52
SB-07_S-0-.5-210924	G	SS	0-.5	9-24-21	940	1	X		53
SB-07-S-1-2-210924	G	SS	1-2	9-24-21	950	1	X		54
SB-07-S-3-4-210924	G	SS	3-4	9-24-21	955	1	X		55
SB-07-S-5-6-210924	G	SS	5-6	9-24-21	1005	1	X		56
SB-06-S-0-.5-210924	G	SS	0-.5	9-24-21	1015	1	X		57
SB-06-S-1-2-210924	G	SS	1-2	9-24-21	1026	1	X		58
SB-06-S-3-4-210924	G	SS	3-4	9-24-21	1030	1	X		59
SB-06-S-5-6-210924	G	SS	5-6	9-24-21	1040	1	X		60

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
Carlos Graneda	9-24-21	1435		NA	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 4.3 +0.2 °C	Bottles Received: 60
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 9/25/21	Time: 945

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

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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

Action 102069

CONDITIONS

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

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