

Incident ID	nAPP2123941052
District RP	
Facility ID	
Application ID	

Closure

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

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

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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

Printed Name: Joseph Vargo Title: Director of Regulatory Affairs
Signature: Joseph Vargo Date: 10/27/2021
email: Joseph.Vargo@nglep.com Telephone: (303) 597-5652

OCD Only

Received by: Ramona Marcus Date: 11/1/2021

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Chad Hensley Date: 12/02/2021
Printed Name: Chad Hensley Title: Environmental Specialist Advanced



Appendix A

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	nAPP2123941052
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	NGL WATER SOLUTIONS PERMIAN, LLC	OGRID	372338
Contact Name	Joseph Vargo	Contact Telephone	(303) 597-5652
Contact email	Joseph.Vargo@nglep.com	Incident # (assigned by OCD)	nAPP2123941052
Contact mailing address	865 North Albion Street, Denver, CO 80220		

Location of Release Source

Latitude 32.000493° Longitude -103.649483°
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	End Around Pipeline	Site Type	Pipeline
Date Release Discovered	08/26/2021	API# (if applicable)	

Unit Letter	Section	Township	Range	County
F	35	26S	32E	Lea

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) 391	Volume Recovered (bbls) 50
	Is the concentration of total dissolved solids (TDS) 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

Blow out at the riser

Incident ID	
District RP	
Facility ID	
Application ID	

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

Initial Response

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

☐ The source of the release has been stopped.	
☐ The impacted area has been secured to protect human health and the environment.	
☐ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
☐ All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
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: _____	Title: _____
Signature: <u>Joseph Vargo</u>	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u>	
Received by: <u>Ramona Marcus</u>	Date: <u>11/1/2021</u>

Incident ID	nAPP2123941052
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>180</u> (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas not on an exploration, development, production, or storage site?	☒ Yes ☐ No

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

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

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

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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	nAPP2123941052
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Printed Name: Joseph Vargo Title: Director of Regulatory AffairsSignature: Joseph Vargo Date: 10/27/2021email: Joseph.Vargo@nglep.com Telephone: (303) 597-5652**OCD Only**Received by: Ramona Marcus Date: 11/1/2021

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Printed Name: Joseph Vargo Title: Director of Regulatory Affairs

Signature: Joseph Vargo Date: 10/27/2021

email: Joseph.Vargo@nglep.com Telephone: (303) 597-5652

OCD Only

Received by: Ramona Marcus Date: 11/1/2021

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____



Site Information

**Closure Report
End Around Riser
Lea County, New Mexico
Unit F Sec 35 T26S R32E
Incident #: nAPP2123941052
32.000301°, -103.649320°**

**Produced Water Release
Source: Blow out at the Riser
Release Date: 8/26/2021
Volume Released: 391 bbls/Produced Water
Volume Recovered: 50 bbls/Produced Water**

**Prepared for:
NGL Water Solutions Permian, LLC
865 North Albion Street
Denver, CO 80220**

**Prepared by:
NTG Environmental
701 Tradewinds Blvd
Suite C
Midland, TX 79706**



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FIGURE 4C	EXCAVATION DEPTH MAP
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TABLE 2	REMEDIATION SOIL ANALYTICAL RESULTS
PHOTOS	PHOTOLOG

APPENDICES

APPENDIX A	C-141 INITIAL AND FINAL
APPENDIX B	GROUNDWATER RESEARCH
APPENDIX C	LABORATORY ANALYTICAL REPORTS



701 Tradewinds Boulevard, Suite C
Midland, Texas 79706
Tel. 432.685.3898
www.ntglobal.com

October 27, 2021

New Mexico Oil Conservation Division
1220 South St, Francis Drive
Sante Fe, NM 87505

**Re: Closure Report
End Around Riser
NGL Water Solutions Permian, LLC
Site Location: Unit F, S35, T26S, R32E
(Lat 32.000301°, Long -103.649320)
Lea County, New Mexico**

To whom it may concern:

On behalf of NGL Water Solutions Permian, LLC. (NGL), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document site assessment and remediation activities for End Around Riser. The site is located at 32.000301°, -103.649320 within Unit F, S35, T26S, R32E, and approximately 27.85 miles Southwest of Jal, New Mexico, in Lea County (Figures 1 and 2).

Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the leak was discovered on August 26, 2021. It resulted in the release of approximately three hundred and ninety-one (391) barrels of produced water, and fifty (50) barrels of produced water were recovered. The impacted area measured approximately 205' x 210', as shown on Figure 3. The initial C-141 form is attached in Appendix A.

Site Characterization

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there is no known water source within a ½ mile radius of the location. The nearest identified well is located approximately 2.61 miles Northwest of the site in S21, T26S, R32E. The well has a reported depth to groundwater of 180 feet below ground surface (ft bgs). A copy of the associated *Point of Diversion Summary* report is attached in Appendix B.

Regulatory Criteria

In accordance with the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria were utilized in assessing the site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.

- TPH (GRO + DRO + MRO): 100 mg/kg
- Chloride: 600 mg/kg

Site Assessment

Overspray

On September 13, 2021, NTGE conducted site assessment activities to assess soil impacts resulting from the western portion of the release. A total of six (6) sample points and eight (8) horizontal points were advanced to depths ranging 0.5'– 1.0' bgs within and surrounding the release area to assess the vertical and horizontal extent of potential impacts. The soil sample locations are shown on Figure 3.

Area of Concern

NTGE staff also assessed the eastern portion of the release, and a total of eight (8) horizontal points were advanced to depths ranging from surface to 0.5' bgs surrounding the release. Based on the field observations and field data collected using an ExSik II (EC400) meter for chloride, it was determined the impacted depths ranged from 0.5' to 1.5' bgs.

The soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Pace Laboratories and picked up in Midland, Texas, for chemical analysis. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015 modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports containing analytical methods, results, and chain-of-custody documents are attached in Appendix C. The analytical results are provided in Table 1.

Referring to Table 1, the area of S-2 showed a high concentration of 134.9 mg/kg for TPH at surface - 0.5' ft bgs. All samples were below the NMOCD regulatory criteria for BTEX and Chlorides.

Remediation Activities and Confirmation Sampling

New Tech Global Environmental personnel were onsite from September 7, 2021, through September 13, 2021, to supervise the remediation activities and collect confirmation samples. The eastern portion was excavated to depths ranging from 0.5' to 1.5' below surface. The area of S-2 on the western portion of the overspray was excavated to a depth of 1.0' below surface.

A total of sixty-three (63) confirmation samples were collected (CS-1 through CS-63), and twenty (20) sidewall samples (SW-1 through SW-20) were collected every 200 square feet to ensure proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix C. The results of the sampling are summarized in Table 2. The excavation depths and confirmation sample locations are shown in Figure 4A-4D.

The areas of the confirmation sample (CS-25) showed high TPH concentrations of 1,174 mg/kg. In addition, the area was excavated an additional 0.5' bgs to ensure proper removal of contaminated soils.

All of the final confirmation samples were below the 19.15.29.12 NMAC criteria. Refer to Table 2.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 915 cubic yards of material were excavated and transported offsite for proper disposal

Conclusions

Based on the assessment finding and the analytical results, no further actions are required at the site. The final C-141 is attached, and NGL formally requests closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-0263.

Sincerely,
NTG Environmental



Mike Carmona
Senior Project Manager

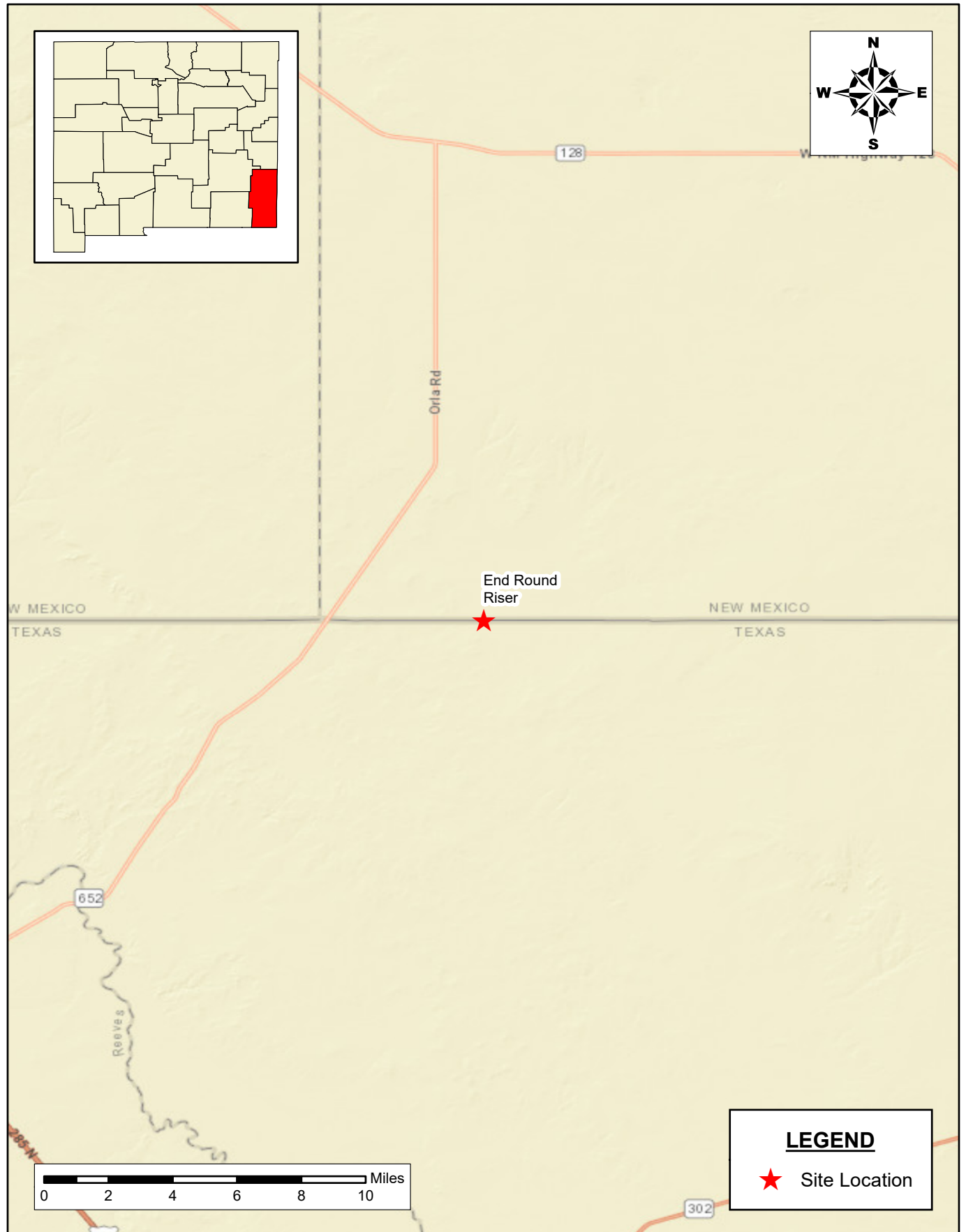


Conner Moehring
Project Manager



Figures

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SITE LOCATION MAP
NGL ENERGY PARTNERS
 END AROUND RISER
 LEA COUNTY, NEW MEXICO
 32.000301, -103.649320

SCALE: As Shown Date: 9/21/2021 PROJECT #: 214619



New Tech Global Environmental, LLC
 911 Regional Park Drive
 Houston, Texas 77060
 T - 281.872.9300
 F - 281.872.4521
 Web: www.ntglobal.com

NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

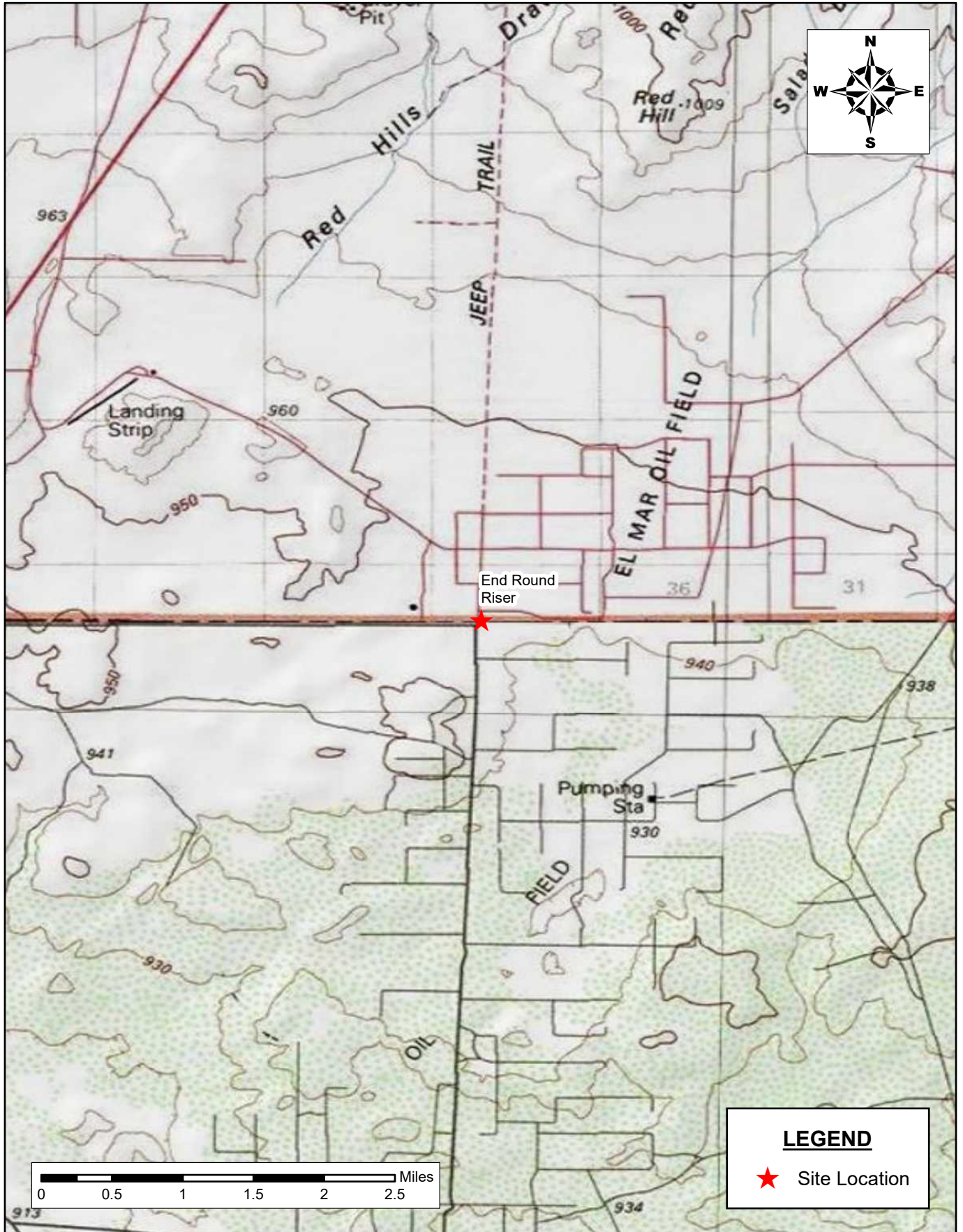
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FIGURE 1

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1 of 1

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AREA MAP
NGL ENERGY PARTNERS
 END AROUND RISER
 LEA COUNTY, NEW MEXICO
 32.000301, -103.649320

SCALE: As Shown Date: 9/21/2021 PROJECT #: 214619

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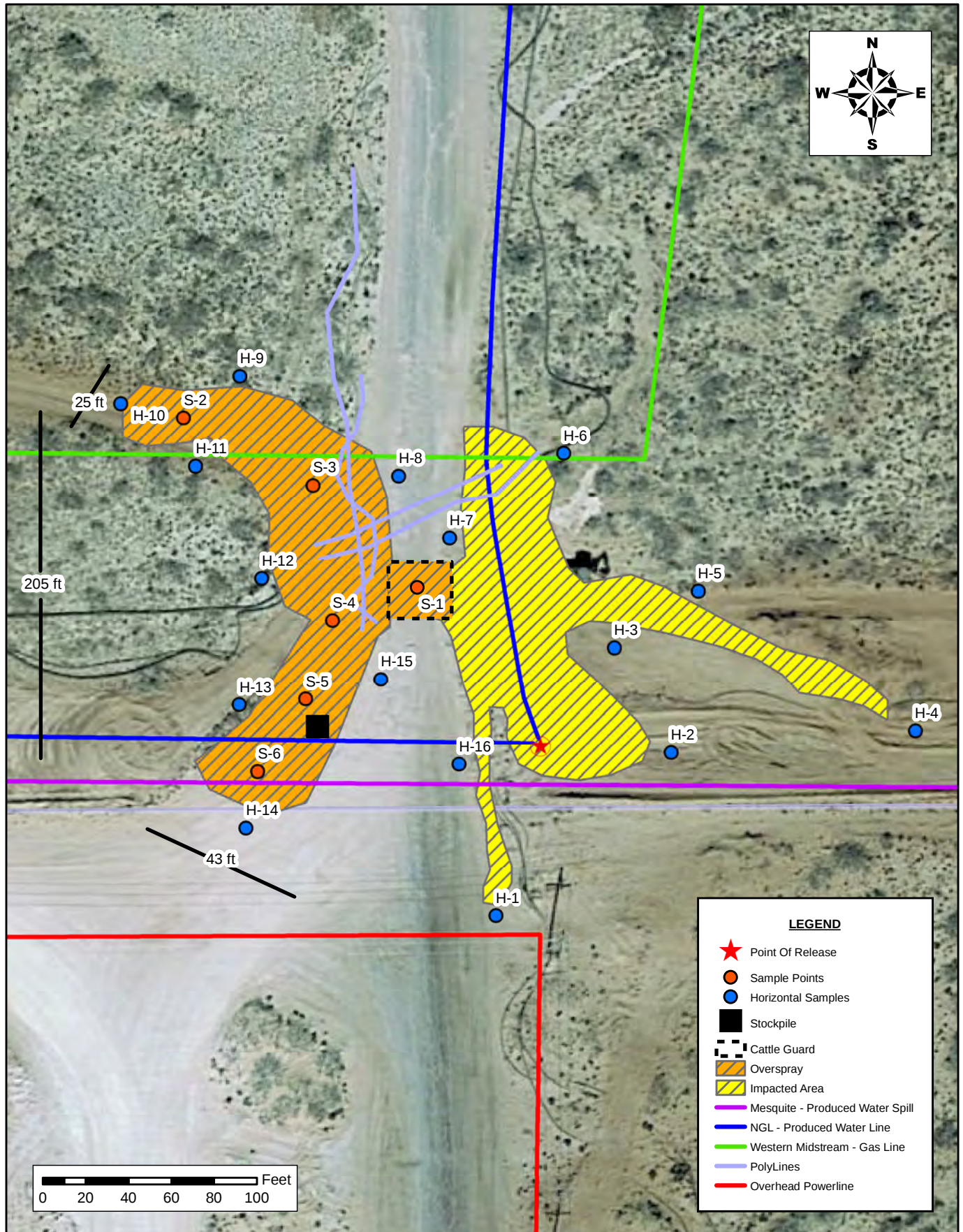
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FIGURE 2

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1 of 1

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SAMPLE LOCATION MAP
NGL ENERGY PARTNERS
 END AROUND RISER
 LEA COUNTY, NEW MEXICO
 32.000301, -103.649320

SCALE: As Shown

Date: 10/27/2021

PROJECT #: 214619



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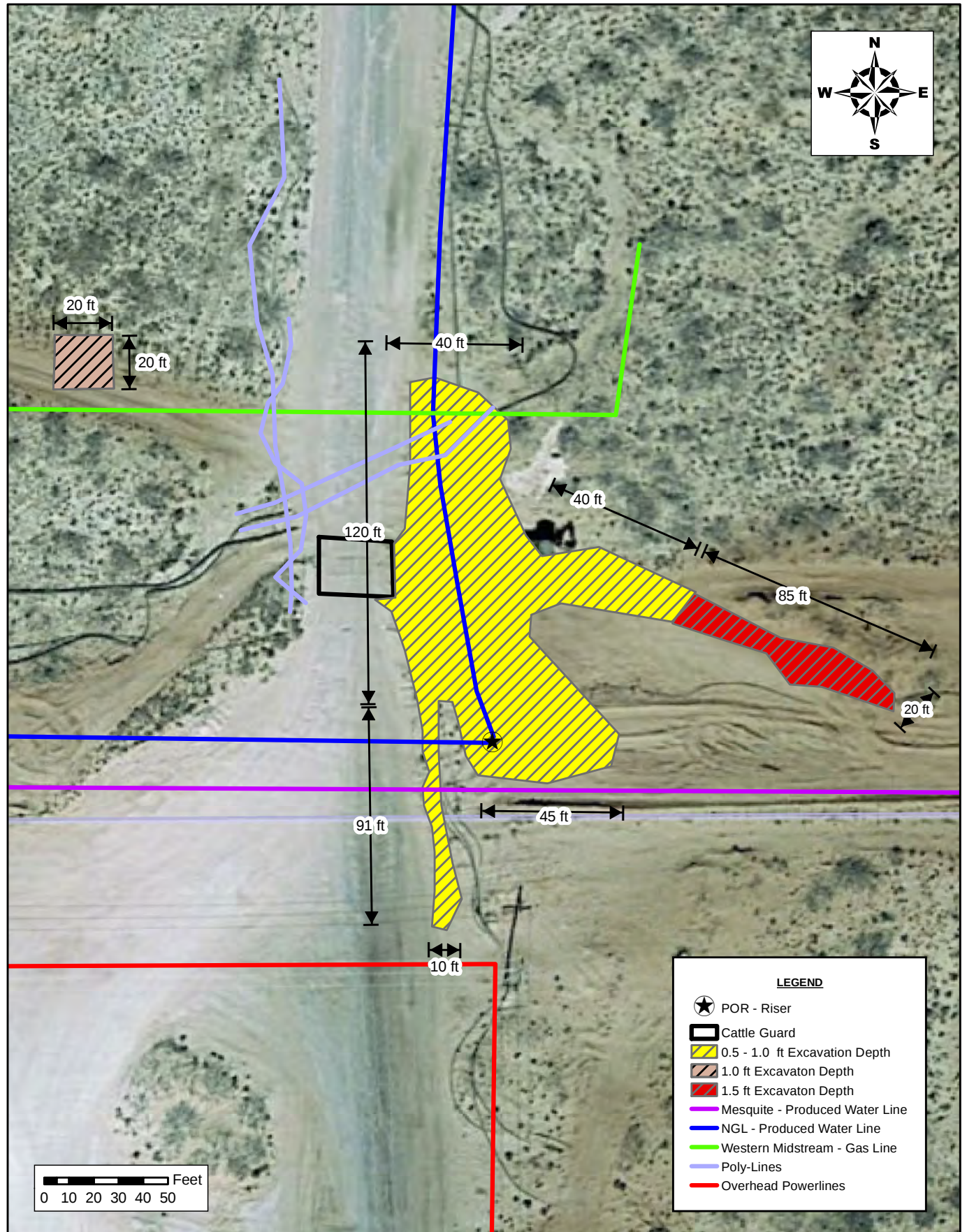
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FIGURE 3

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1 of 1

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EXCAVATION DEPTH MAP
NGL ENERGY PARTNERS
 END AROUND RISER
 LEA COUNTY, NEW MEXICO
 32.000301, -103.649320

SCALE: As Shown

Date: 10/26/2021

PROJECT #: 214619



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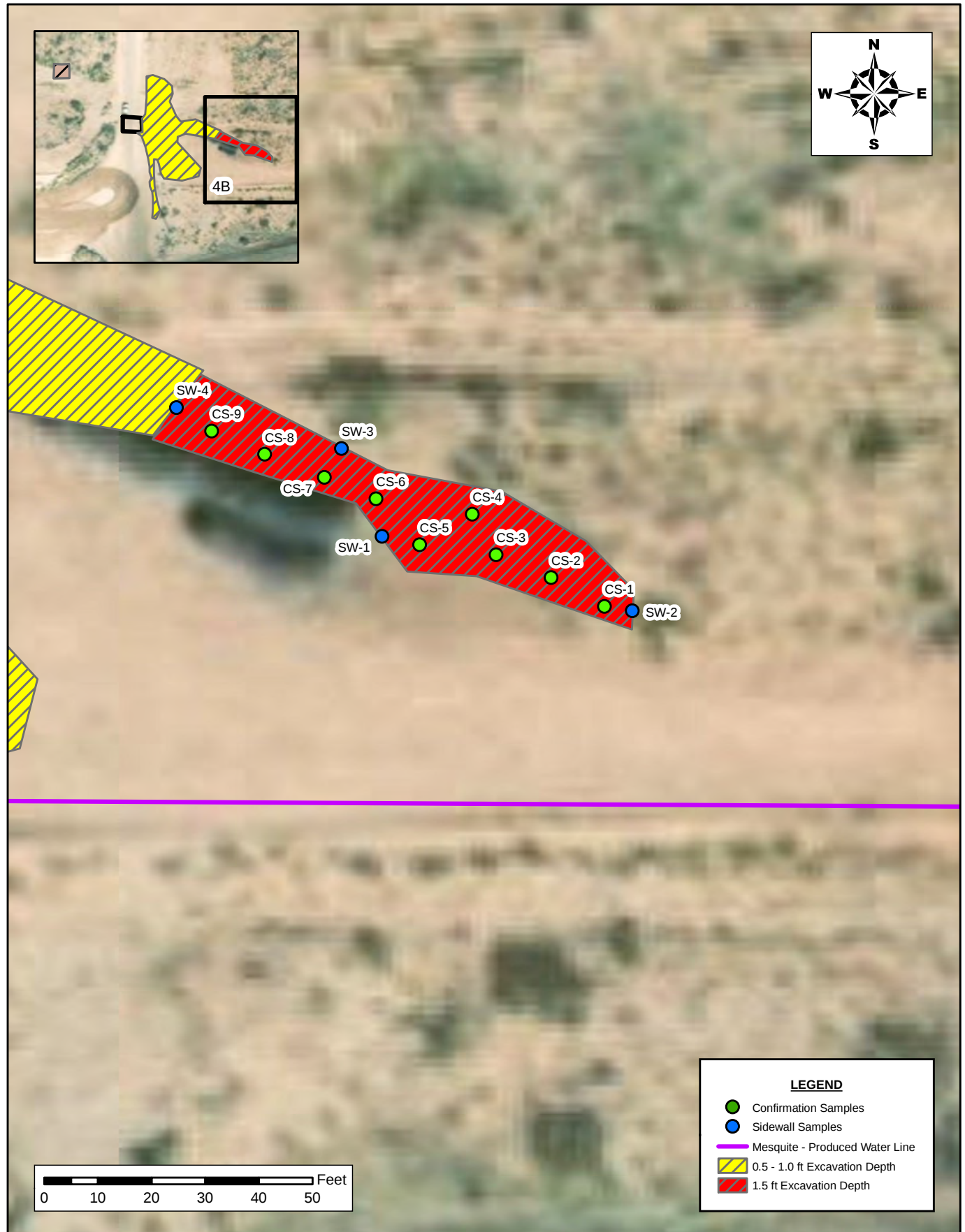
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FIGURE 4A

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1 of 4

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EXCAVATION DEPTH MAP
NGL ENERGY PARTNERS
 END AROUND RISER
 LEA COUNTY, NEW MEXICO
 32.000301, -103.649320

SCALE: As Shown

Date: 10/26/2021

PROJECT #: 000000



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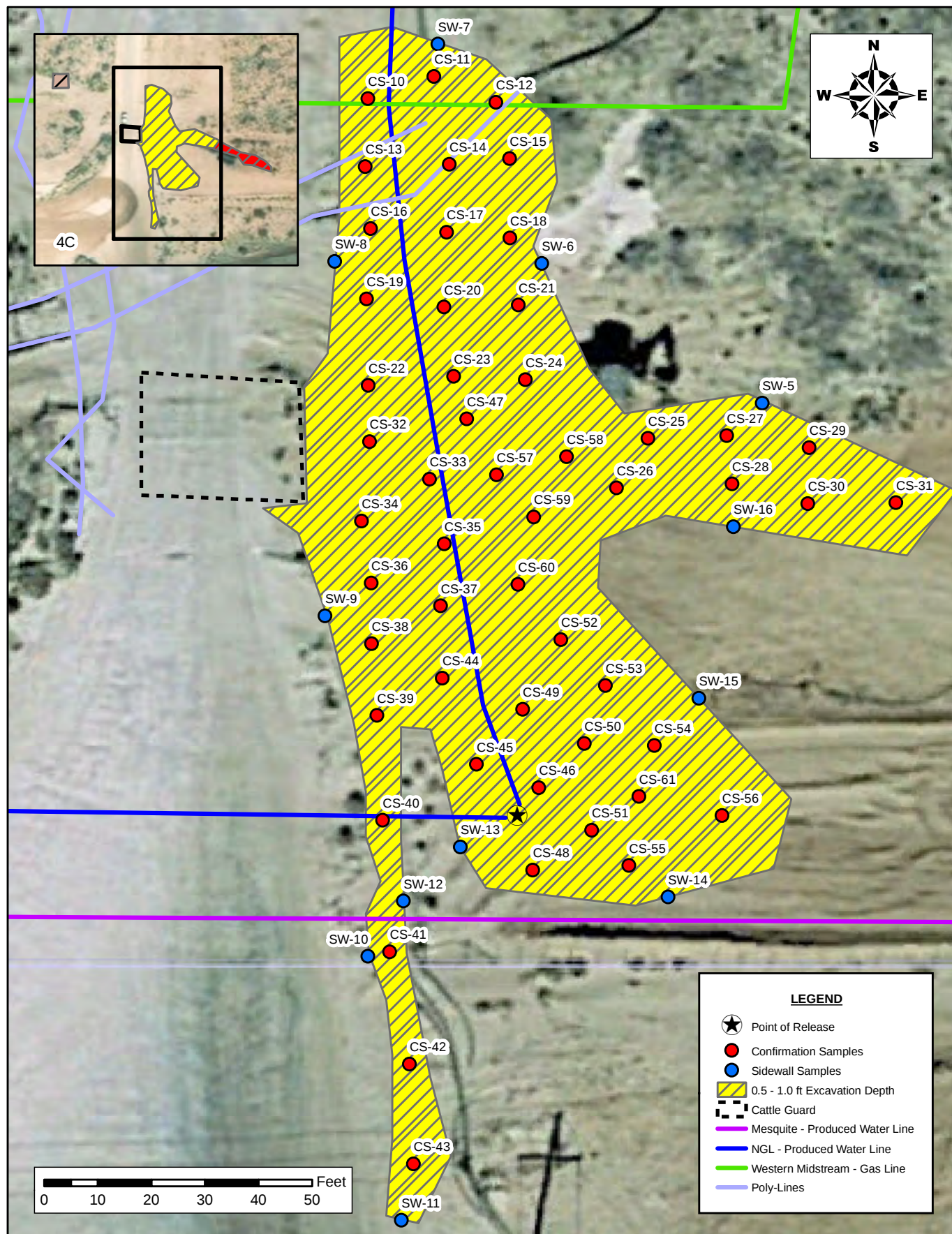
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FIGURE 4B

SHEET NUMBER:

2 of 4

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EXCAVATION DEPTH MAP
NGL ENERGY PARTNERS
 END AROUND RISER
 LEA COUNTY, NEW MEXICO
 32.000301, -103.649320

SCALE: As Shown

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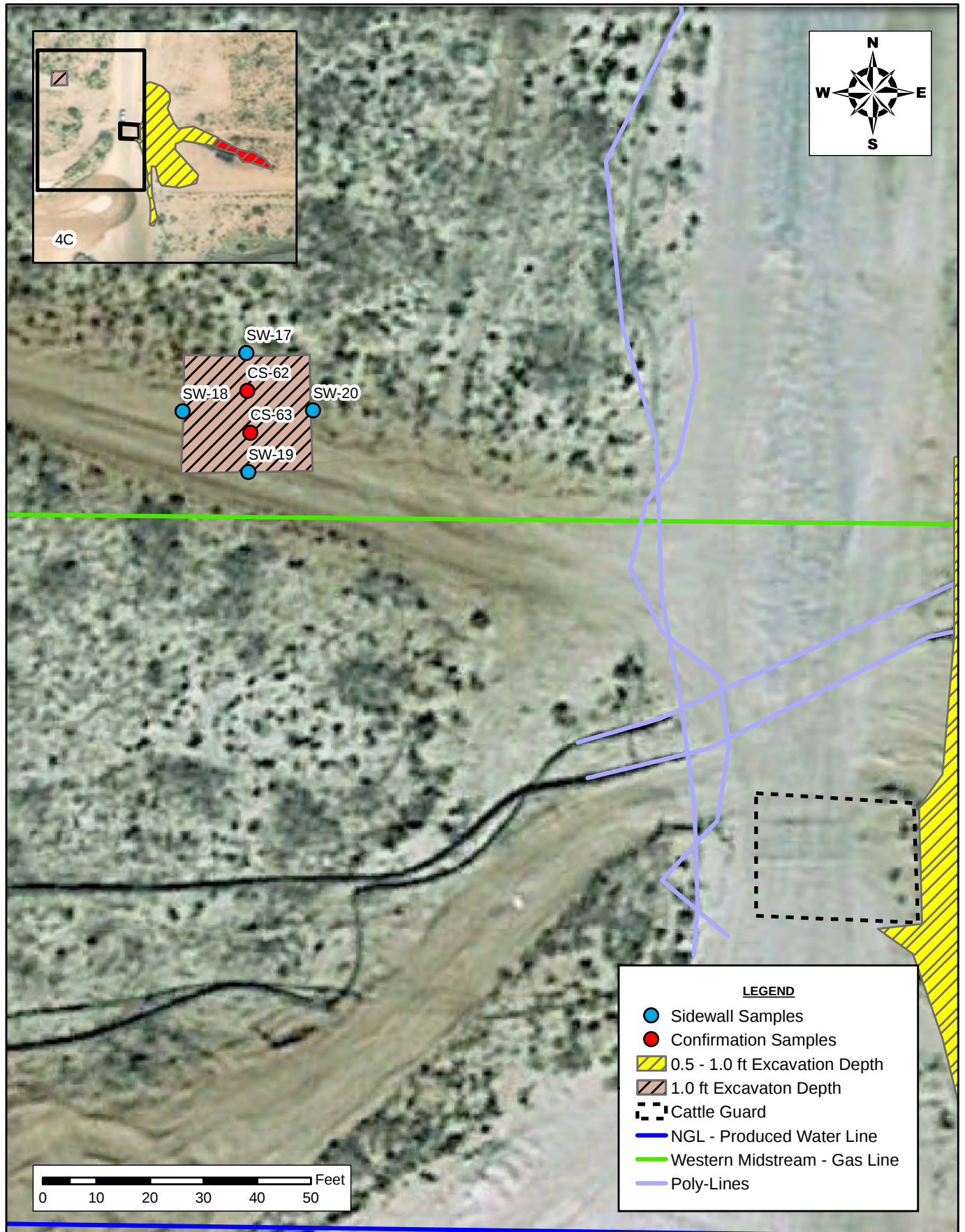
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FIGURE 4C

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3 of 4

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EXCAVATION DEPTH MAP
NGL ENERGY PARTNERS
 END AROUND RISER
 LEA COUNTY, NEW MEXICO
 32.000301, -103.649320

SCALE: As Shown

Date: 10/26/2021

PROJECT #: 214619



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DRAWING NUMBER:

FIGURE 4D

SHEET NUMBER:

4 of 4



Tables

Table 1
NGL Energy Partners
End Around Riser
Lea County, New Mexico

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			DRO	GRO	MRO	Total						
S-1	9/13/2021	0-1	ND	ND	1.17	1.17	ND	ND	ND	ND	ND	11.6
S-2	9/13/2021	0-1	61.7	ND	73.2	134.9	0.001400	0.001700	0.000483	ND	0.003583	11.2
S-3	9/13/2021	0-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	43.6
S-4	9/13/2021	0-1	ND	ND	1.78	1.78	ND	ND	ND	ND	ND	190
S-5	9/13/2021	0-1	ND	ND	0.92	0.92	ND	ND	ND	ND	ND	56.0
S-6	9/13/2021	0-1	ND	ND	2.75	2.75	ND	ND	ND	ND	ND	225
H-1	9/13/2021	0-0.5	17.5	0.14	15.0	32.6	0.001370	0.004690	0.002570	0.010200	0.018830	ND
H-2	9/13/2021	0-0.5	4.50	0.065	3.18	7.75	0.001380	0.002770	0.000806	0.001700	0.006656	ND
H-3	9/13/2021	0-0.5	7.34	0.05	5.91	13.3	0.001270	0.002660	ND	0.000817	0.004747	ND
H-4	9/13/2021	0-0.5	7.25	0.05	6.99	14.3	0.001090	0.002490	ND	0.000887	0.005354	11.4
H-5	9/13/2021	0-0.5	3.22	0.05	2.41	5.68	0.001150	0.002300	ND	0.000699	0.004848	ND
H-6	9/13/2021	0-0.5	ND	0.07	3.1	3.17	0.001390	0.002140	ND	0.002840	0.009210	20.5
H-7	9/13/2021	0-0.5	3.76	ND	4.55	8.31	0.000689	0.001110	ND	ND	0.001799	18.1
H-8	9/13/2021	0-0.5	ND	0.12	2.14	2.26	0.002170	0.002370	ND	0.000898	0.006336	24.6
H-9	9/13/2021	0-0.5	5.05	0.05	9.42	14.5	0.001330	0.002090	ND	0.000792	0.005004	20.2
H-10	9/13/2021	0-0.5	9.08	0.04	15.5	24.6	0.000806	0.001060	ND	0.000768	0.003402	18.2
H-11	9/13/2021	0-0.5	3.77	ND	5.49	9.26	0.000690	0.007880	ND	ND	0.008570	16.4
H-12	9/13/2021	0-0.5	9.86	0.07	13.2	23.1	0.002130	0.002440	ND	0.001110	0.006790	21.4
H-13	9/13/2021	0-0.5	10.7	0.53	9.48	20.7	0.000974	0.003130	0.000866	0.003130	0.008100	21.9
H-14	9/13/2021	0-0.5	2.47	ND	2.56	5.03	0.000872	0.001000	ND	0.000737	0.003346	29.5
H-15	9/13/2021	0-0.5	ND	ND	2.35	2.35	0.000797	0.001040	ND	ND	0.001837	17.9
H-16	9/13/2021	0-0.5	3.71	ND	4.31	8.02	0.000622	0.002060	ND	0.001540	0.005762	19.0
Regulatory Limits^A						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

- Exceeds Regulatory Limits

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

ND - Non Detect

Table 2
NGL Energy Partners
End Around Riser
Lea County, New Mexico

Sample ID	Date	Excavation Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			DRO	GRO	MRO	Total						
CS-1	9/13/2021	1.5	ND	ND	2.26	2.26	ND	ND	ND	ND	ND	10.6
CS-2	9/13/2021	1.5	ND	ND	2.31	2.31	ND	ND	ND	ND	ND	ND
CS-3	9/13/2021	1.5	ND	ND	2.32	2.32	ND	ND	ND	ND	ND	ND
CS-4	9/13/2021	1.5	ND	ND	2.70	2.70	ND	ND	ND	ND	ND	ND
CS-5	9/13/2021	1.5	ND	ND	3.17	3.17	ND	ND	ND	ND	ND	ND
CS-6	9/13/2021	1.5	ND	ND	1.96	1.96	ND	ND	ND	ND	ND	ND
CS-7	9/13/2021	1.5	ND	ND	3.45	3.45	ND	ND	ND	ND	ND	ND
CS-8	9/13/2021	1.5	ND	ND	3.23	3.23	ND	ND	ND	ND	ND	ND
CS-9	9/13/2021	1.5	ND	ND	3.20	3.20	P	ND	ND	ND	ND	ND
CS-10	9/13/2021	0.5	13.2	ND	23.6	36.8	ND	ND	ND	ND	ND	410
CS-11	9/13/2021	0.5	2.07	ND	3.11	5.18	ND	ND	ND	ND	ND	22.9
CS-12	9/13/2021	0.5	2.27	ND	3.61	5.88	ND	ND	ND	ND	ND	23.7
CS-13	9/13/2021	0.5	2.80	ND	11.1	13.9	ND	ND	ND	ND	ND	209
CS-14	9/13/2021	0.5	2.15	ND	4.06	6.21	ND	ND	ND	ND	ND	25.1
CS-15	9/13/2021	0.5	ND	ND	6.02	6.02	ND	ND	ND	ND	ND	195
CS-16	9/13/2021	0.5	ND	ND	2.23	2.23	ND	ND	ND	ND	ND	179
CS-17	9/13/2021	0.5	ND	ND	0.834	0.83	ND	ND	ND	ND	ND	25.3
CS-18	9/13/2021	0.5	2.03	ND	3.16	5.19	ND	ND	ND	ND	ND	23.7
CS-19	9/13/2021	0.5	ND	ND	2.13	2.13	ND	ND	ND	ND	ND	70.5
CS-20	9/13/2021	0.5	2.80	ND	6.51	9.31	ND	ND	ND	ND	ND	233
CS-21	9/13/2021	0.5	2.12	ND	3.99	6.11	ND	ND	ND	ND	ND	29.8
CS-22	9/13/2021	0.5	2.94	ND	8.99	11.93	0.000600	0.000508	ND	ND	0.001108	50.6
CS-23	9/13/2021	0.5	1.96	ND	6.40	8.36	0.000534	ND	ND	ND	0.000534	67.7
CS-24	9/13/2021	0.5	ND	ND	4.95	4.95	0.000400	0.000591	ND	ND	0.000991	319

Table 2
NGL Energy Partners
End Around Riser
Lea County, New Mexico

Sample ID	Date	Excavation Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			DRO	GRO	MRO	Total						
CS-25	9/13/2021	0.5	731	ND	443	1,174	0.000660	0.000623	ND	ND	0.001283	77.8
	10/8/2021	1.0	2.24	0.0487	7.74	10.03	0.00113	0.00239	0.000362	0.00136	0.005242	11.7
CS-26	9/13/2021	0.5	ND	ND	4.75	4.75	ND	ND	ND	ND	ND	56.6
CS-27	9/13/2021	0.5	ND	ND	1.16	1.16	ND	ND	ND	ND	ND	ND
CS-28	9/13/2021	0.5	ND	ND	2.53	2.53	ND	ND	ND	ND	ND	13.7
CS-29	9/13/2021	0.5	ND	ND	4.10	4.10	ND	ND	ND	ND	ND	ND
CS-30	9/13/2021	0.5	ND	ND	0.584	0.58	ND	0.000177	ND	ND	0.000177	ND
CS-31	9/13/2021	0.5	ND	ND	0.885	0.89	ND	0.000298	0.001250	ND	0.001548	ND
CS-32	9/13/2021	0.5	1.98	ND	2.81	4.79	0.000378	0.000575	0.000180	ND	0.001133	65.3
CS-33	9/13/2021	0.5	ND	ND	2.81	2.81	0.000304	0.000530	0.000273	ND	0.001107	59.0
CS-34	9/13/2021	0.5	ND	ND	1.82	1.82	0.000458	0.006030	0.000903	0.004370	0.011761	115
CS-35	9/13/2021	0.5	ND	ND	2.03	2.03	0.002920	0.004650	0.00182	ND	0.009390	110
CS-36	9/13/2021	0.5	ND	ND	3.68	3.68	0.002850	0.000453	0.000137	0.000495	0.003935	127
CS-37	9/13/2021	0.5	ND	ND	3.5	3.50	0.003050	0.000425	0.001580	ND	0.005055	105
CS-38	9/13/2021	0.5	ND	ND	3.38	3.38	0.000357	0.000468	0.000126	ND	0.000951	119
CS-39	9/13/2021	0.5	ND	ND	3.3	3.30	0.000368	0.000540	0.000161	ND	0.001069	110
CS-40	9/13/2021	0.5	2.86	ND	6.07	8.93	0.000431	0.000696	0.000250	ND	0.001377	91.8
CS-41	9/13/2021	0.5	ND	ND	0.612	0.61	0.000435	0.000691	0.000347	0.000742	0.002215	129
CS-42	9/13/2021	0.5	ND	ND	3.90	3.90	0.000400	0.000669	0.000270	ND	0.001339	79.4
CS-43	9/13/2021	0.5	ND	ND	ND	ND	ND	0.000460	0.000167	ND	0.000627	26.3
CS-44	9/13/2021	0.5	ND	ND	ND	ND	ND	0.000190	ND	ND	0.000190	30.1
CS-45	9/13/2021	0.5	ND	ND	0.951	0.95	0.000148	0.000295	0.000178	ND	0.000621	29.6
CS-46	9/13/2021	0.5	ND	ND	2.19	2.19	0.000218	0.000505	0.000148	ND	0.000871	194
CS-47	9/13/2021	0.5	1.86	ND	3.05	4.91	0.000246	0.000536	0.000205	ND	0.000987	148
CS-48	9/13/2021	0.5	ND	ND	4.92	4.92	0.000618	0.000511	0.000718	0.001070	0.002917	47.2

Table 2
NGL Energy Partners
End Around Riser
Lea County, New Mexico

Sample ID	Date	Excavation Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			DRO	GRO	MRO	Total						
CS-49	9/13/2021	0.5	2.09	ND	2.91	5.00	0.000465	0.000399	0.000139	ND	0.001003	219
CS-50	9/13/2021	0.5	ND	ND	1.93	1.93	0.000179	0.000315	0.000124	ND	0.000618	ND
CS-51	9/13/2021	0.5	ND	ND	1.65	1.65	ND	0.000321	ND	ND	0.000321	ND
CS-52	9/13/2021	0.5	ND	ND	1.76	1.76	0.000192	0.000259	ND	ND	0.000451	ND
CS-53	9/13/2021	0.5	ND	ND	1.59	1.59	0.000161	0.000218	ND	0.000492	0.000871	ND
CS-54	9/13/2021	0.5	ND	ND	2.26	2.26	0.000160	0.000300	ND	ND	0.000460	ND
CS-55	9/13/2021	0.5	ND	ND	2.18	2.18	ND	0.000382	ND	ND	0.000382	10.4
CS-56	9/13/2021	0.5	ND	ND	1.14	1.14	0.000182	0.000245	ND	ND	0.000427	ND
CS-57	9/13/2021	0.5	ND	ND	1.24	1.24	0.000198	0.000351	ND	ND	0.000549	ND
CS-58	9/13/2021	0.5	ND	ND	1.73	1.73	ND	0.000228	ND	ND	0.000228	ND
CS-59	9/13/2021	0.5	ND	ND	0.649	0.65	ND	0.000264	ND	ND	0.000264	ND
CS-60	9/13/2021	0.5	ND	ND	0.566	0.57	0.000160	0.000247	ND	ND	0.000522	ND
CS-61	9/13/2021	0.5	ND	ND	0.489	0.49	0.000206	0.000316	ND	ND	0.000522	ND
CS-62	10/8/2021	1.0	1.96	0.0399	0.608	2.61	0.000190	0.000594	ND	ND	0.000784	13.0
CS-63	10/8/2021	1.0	2.11	0.0338	3.14	5.28	0.000258	0.000559	0.000193	ND	0.001010	ND
SW-1	9/13/2021	-	ND	ND	ND	ND	0.000142	0.000295	0.000143	ND	0.000580	ND
SW-2	9/13/2021	-	ND	ND	ND	ND	0.000233	0.000418	0.000198	ND	0.000849	ND
SW-3	9/13/2021	-	ND	ND	ND	ND	0.000196	0.000410	0.000132	ND	0.000738	ND
SW-4	9/13/2021	-	ND	ND	0.57	0.57	ND	0.000199	0.000160	ND	0.000359	ND
SW-5	9/13/2021	-	ND	ND	ND	ND	0.000153	0.000251	ND	ND	0.000404	ND
SW-6	9/13/2021	-	ND	ND	1.25	1.25	0.000309	0.000491	0.000291	ND	0.001091	133
SW-7	9/13/2021	-	ND	ND	2.88	2.88	0.000465	0.000734	0.000292	ND	0.001491	79.5
SW-8	9/13/2021	-	ND	ND	1.14	1.14	0.000233	0.000329	ND	ND	0.000562	124
SW-9	9/13/2021	-	ND	ND	1.94	1.94	ND	ND	ND	ND	ND	174

Table 2
NGL Energy Partners
End Around Riser
Lea County, New Mexico

Sample ID	Date	Excavation Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			DRO	GRO	MRO	Total						
SW-10	9/13/2021	-	1.69	ND	1.08	2.77	ND	ND	ND	ND	ND	24.2
SW-11	9/13/2021	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	24.7
SW-12	9/13/2021	-	ND	ND	4.02	4.02	ND	ND	ND	ND	ND	123
SW-13	9/13/2021	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	23.7
SW-14	9/13/2021	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	19.9
SW-15	9/13/2021	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	52.3
SW-16	9/13/2021	-	ND	ND	5.94	5.94	ND	ND	ND	ND	ND	ND
SW-17	10/8/2021	-	2.32	0.0619	3.37	5.7519	ND	0.000554	0.001440	0.004820	0.006814	15.3
SW-18	10/8/2021	-	2.02	0.0409	2.74	4.8009	0.000338	0.000531	ND	ND	0.000869	10.2
SW-19	10/8/2021	-	2.24	0.0371	4.29	6.5671	ND	0.000428	ND	ND	0.000428	ND
SW-20	10/8/2021	-	22.8	0.0482	34.3	57.1482	0.000238	0.000596	ND	0.000610	0.001444	10.7
Regulatory Limits^A						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

 - Removed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons
ft-feet

ND - Non Detect



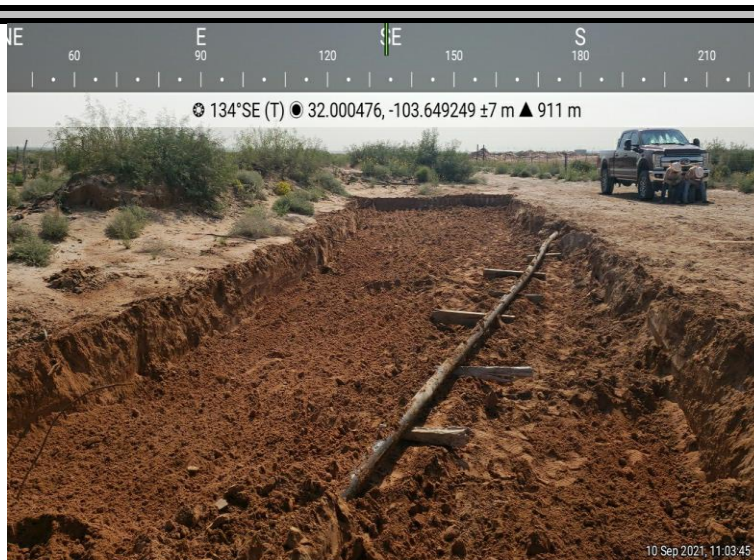
Photo Log

PHOTOGRAPHIC LOG

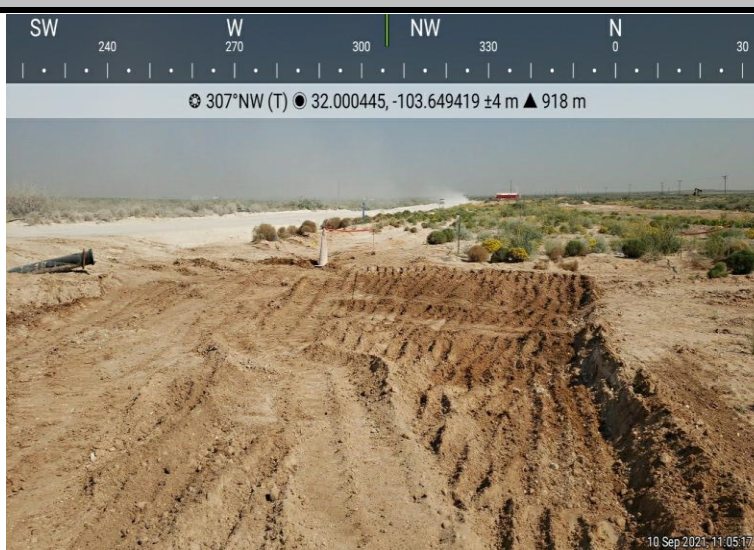
NGL WATER SOLUTIONS PERMIAN, LLC

Photograph No. 1**Facility:** End Around Riser**County:** Lea County, New Mexico**Description:**

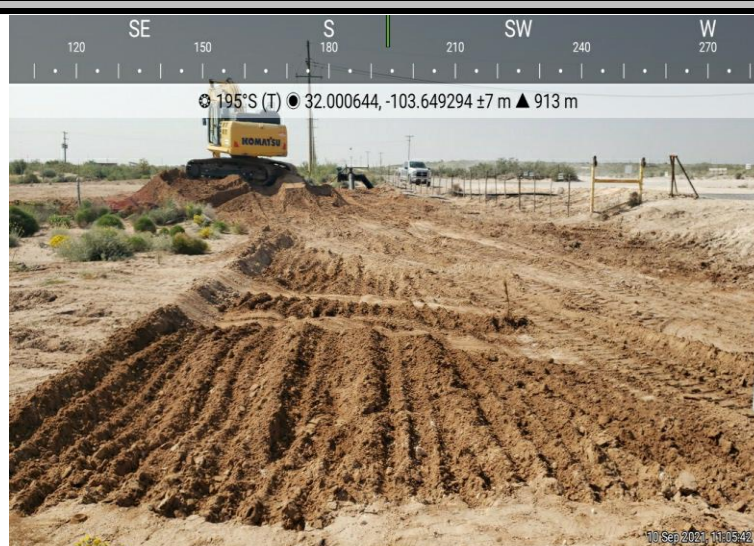
View Southeast, area of Confirmation samples (1-9)

**Photograph No. 2****Facility:** End Around Riser**County:** Lea County, New Mexico**Description:**

View Northwest, area of Confirmation sample (10-24)

**Photograph No. 3****Facility:** End Around Riser**County:** Lea County, New Mexico**Description:**

View South, area of Confirmation sample (25-40)



PHOTOGRAPHIC LOG

NGL WATER SOLUTIONS PERMIAN, LLC

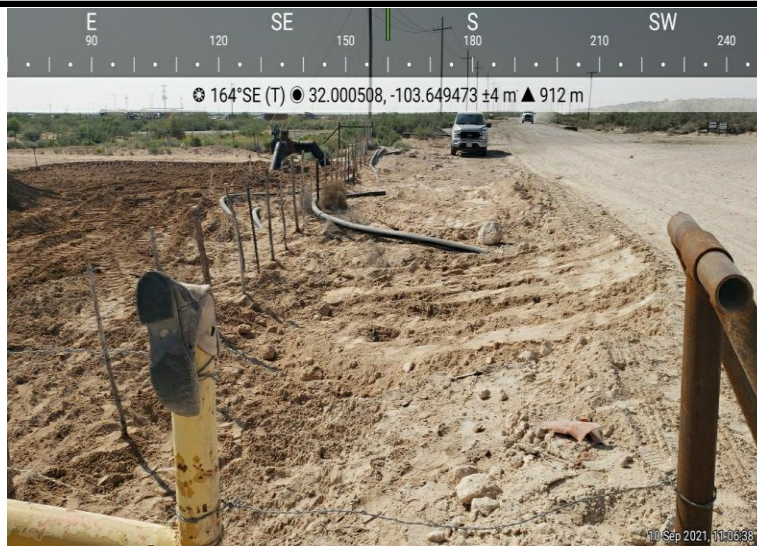
Photograph No. 4

Facility: End Around Riser

County: Lea County, New Mexico

Description:

View Southeast, area of Confirmation sample (38-60)

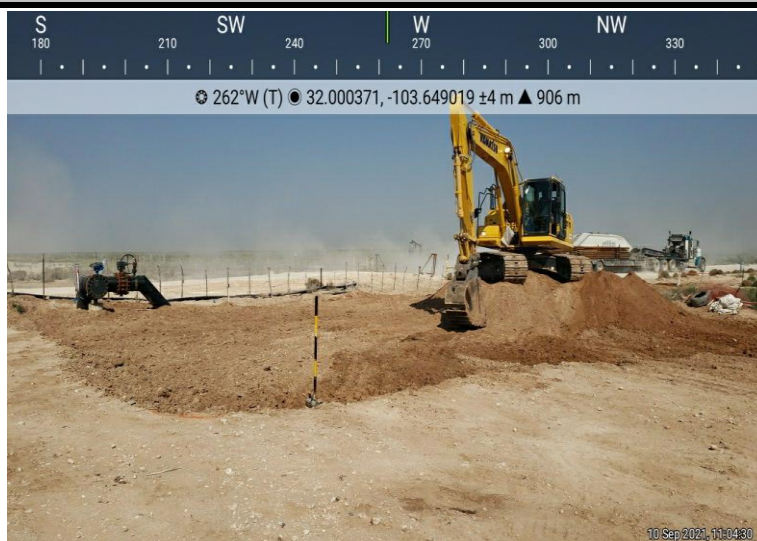
**Photograph No. 5**

Facility: End Around Riser

County: Lea County, New Mexico

Description:

View West, area of Confirmation sample (50-61)

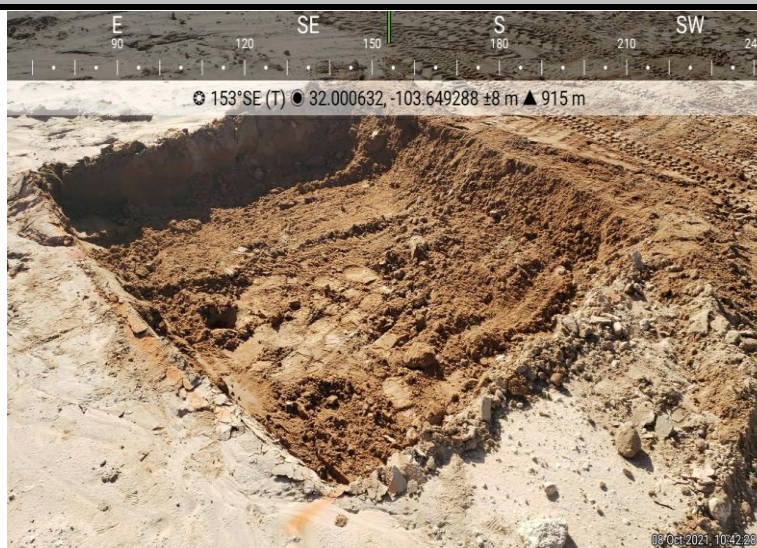
**Photograph No. 6**

Facility: End Around Riser

County: Lea County, New Mexico

Description:

View Southeast, View of Confirmation Samples (62-63)

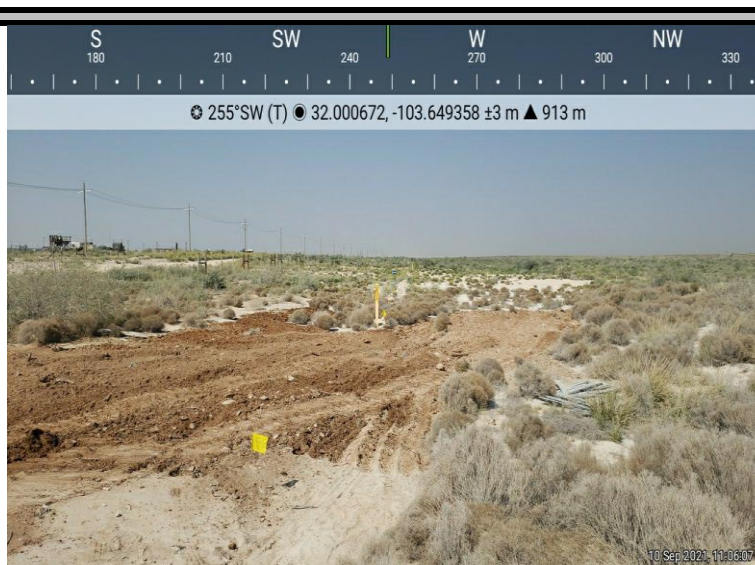


PHOTOGRAPHIC LOG

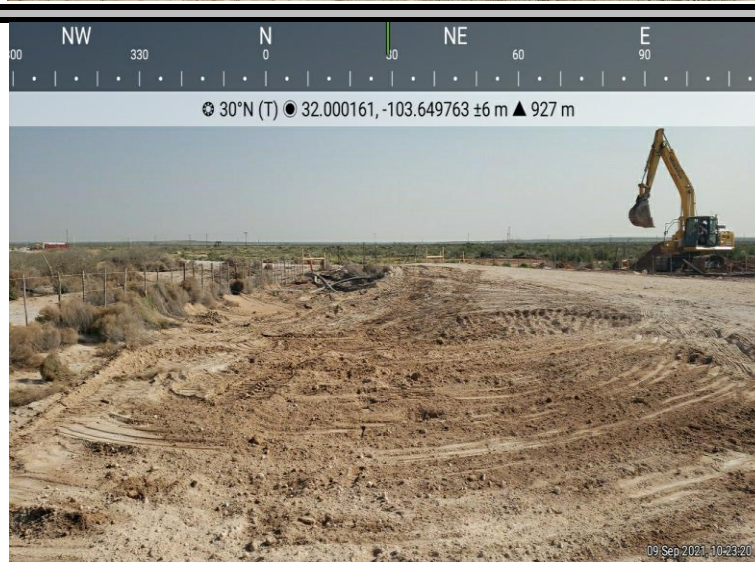
NGL WATER SOLUTIONS PERMIAN, LLC

Photograph No. 7**Facility:** End Around Riser**County:** Lea County, New Mexico**Description:**

View Southwest, area of Sample (1-3)

**Photograph No. 8****Facility:** End Around Riser**County:** Lea County, New Mexico**Description:**

View Southwest, area of Sample (4-6)





Appendix B

Nearest Water Wells

NGL Energy Partners
End Around Riser

Legend

- 0.50 Mile Radius
- 2.61 Miles
- 2.62 Miles
- 2.64 Miles
- End Around Riser
- NMSEO Water well



Low Karst

NGL Energy Partners
End Around Riser

Legend

- End Around Riser
- Jal
- LOW





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
O=orphaned,
C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 02271	R	CUB	LE	2	3	21	26S	32E		624449	3544111*	150	125	25
C 02271 POD2		CUB	LE	3	2	3	21	26S	32E	624348	3544010*	270	250	20
C 02274		CUB	LE	2	1	2	31	26S	32E	621742	3541730*	300	295	5
C 02323		C	LE	3	2	3	21	26S	32E	624348	3544010*	405	405	0
C 03537 POD1		CUB	LE	3	2	3	21	26S	32E	624250	3543985	850		
C 03595 POD1		CUB	LE	4	2	3	21	26S	32E	624423	3544045	280	180	100
C 03829 POD1		CUB	LE	3	3	1	06	26S	32E	620628	3549186	646	350	296
C 04209 POD1		CUB	LE	2	3	3	06	26S	32E	620903	3548619	360	155	205
C 04209 POD2		C	LE	2	3	3	06	26S	32E	620818	3548657	340	155	185
C 04485 POD1		CUB	LE	4	1	1	12	26S	32E	629039	3548125	55		
C 04548 POD1		CUB	LE	1	2	1	01	26S	32E	628238	3622599		110	
C 04549 POD1		CUB	LE	1	1	1	11	26S	32E	627111	3548316	0	0	0

Average Depth to Water: **202 feet**

Minimum Depth: **0 feet**

Maximum Depth: **405 feet**

Record Count: 12

PLSS Search:

Township: 26S

Range: 32E

*UTM location was derived from PLSS - see Help

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

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WATER COLUMN/ AVERAGE
DEPTH TO WATER



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)				(NAD83 UTM in meters)			
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
C	03595 POD1	4	2	3	21	26S	32E	624423	3544045

Driller License:	1654	Driller Company:	NOT WORKING FOR HIRE--SIRMAN DRILLING AND CONSTRUC	
Driller Name:				
Drill Start Date:	09/30/2013	Drill Finish Date:	09/30/2013	Plug Date:
Log File Date:	10/29/2013	PCW Rev Date:		Source: Shallow
Pump Type:		Pipe Discharge Size:		Estimated Yield:
Casing Size:	6.00	Depth Well:	280 feet	Depth Water: 180 feet

Water Bearing Stratifications:	Top	Bottom	Description
	160	200	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	200	240

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

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POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
	C 02323	3	2	3	21	26S	32E	624348	3544010* 
Driller License:		1292		Driller Company:			BENTLE WATER WELL SERVICE		
Driller Name:		BENTLE, BILLY L.							
Drill Start Date:		05/25/1993		Drill Finish Date:			06/16/1993		Plug Date:
Log File Date:		06/24/1993		PCW Rcv Date:			Source:		Shallow
Pump Type:		Pipe Discharge Size:			Estimated Yield:				
Casing Size:		Depth Well:			405 feet		Depth Water:		405 feet

*UTM location was derived from PLSS - see Help

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

8/30/21 9:22 PM POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(NAD83 UTM in meters)			
		(quarters are smallest to largest)							
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
C	02271 POD2	3	2	3	21	26S	32E	624348	3544010* 
Driller License:	208	Driller Company:				VAN NOY, W.L.			
Driller Name:	W.L. VAN NOY								
Drill Start Date:	08/28/1992	Drill Finish Date:				09/09/1992		Plug Date:	
Log File Date:	10/28/1992	PCW Rev Date:						Source:	Shallow
Pump Type:	SUBMER	Pipe Discharge Size:						Estimated Yield:	15 GPM
Casing Size:	6.38	Depth Well:				270 feet		Depth Water:	250 feet
Water Bearing Stratifications:					Top	Bottom	Description		
					225	265	Sandstone/Gravel/Conglomerate		
Casing Perforations:					Top	Bottom			
					205	265			

*UTM location was derived from PLSS - see Help

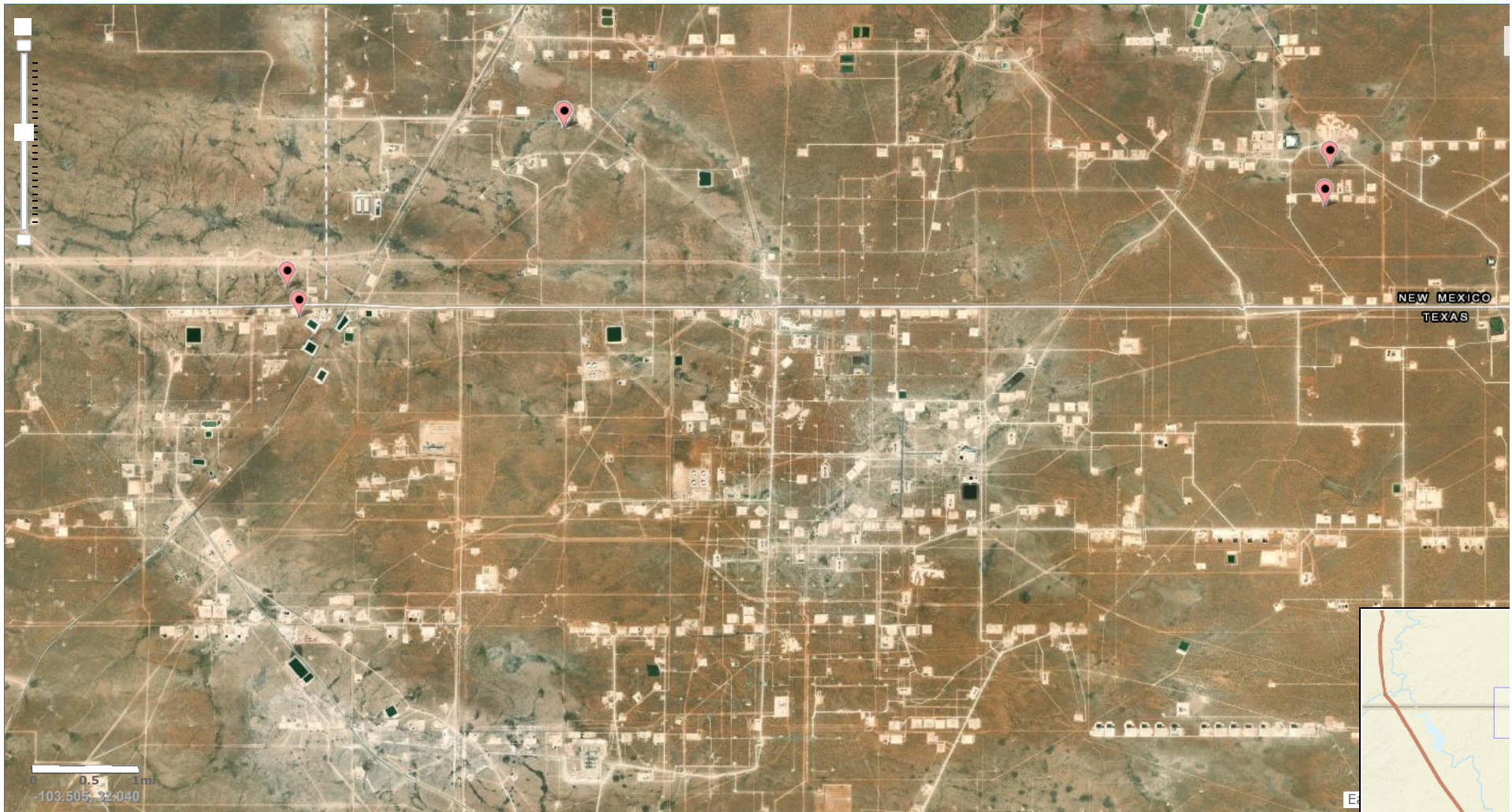
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

8/30/21 9:23 PM

POINT OF DIVERSION SUMMARY



National Water Information System: Mapper



Site Information

NFHL Web Mapping Application

Please select a county ▼



Appendix C



ANALYTICAL REPORT

September 28, 2021

NGL Water Solutions, LLC - Denver, CO

Sample Delivery Group: L1403766
Samples Received: 09/15/2021
Project Number: 214619
Description: End Around Riser
Site: LEA CO, NM
Report To: Joseph Vargo
865 North Albion Street
Suite 400
Denver, CO 80220

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Entire Report Reviewed By:

Ayisha Raza
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 National12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

H-1 L1403766-01 Solid

				Collected by ES	Collected date/time 09/13/21 00:00	Received date/time 09/15/21 09:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743489	1	09/21/21 11:42	09/21/21 11:49	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743230	1	09/20/21 20:00	09/20/21 21:56	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742423	1	09/17/21 16:33	09/21/21 05:48	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745063	1	09/24/21 08:51	09/25/21 12:52	WCR	Mt. Juliet, TN

H-2 L1403766-02 Solid

				Collected by ES	Collected date/time 09/13/21 00:00	Received date/time 09/15/21 09:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743489	1	09/21/21 11:42	09/21/21 11:49	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743230	1	09/20/21 20:00	09/20/21 22:06	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742423	1	09/17/21 16:33	09/21/21 06:10	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745063	1	09/24/21 08:51	09/25/21 11:18	WCR	Mt. Juliet, TN

H-3 L1403766-03 Solid

				Collected by ES	Collected date/time 09/13/21 00:00	Received date/time 09/15/21 09:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743489	1	09/21/21 11:42	09/21/21 11:49	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743230	1	09/20/21 20:00	09/20/21 22:15	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742423	1	09/17/21 16:33	09/21/21 06:31	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745063	1	09/24/21 08:51	09/25/21 11:32	WCR	Mt. Juliet, TN

H-4 L1403766-04 Solid

				Collected by ES	Collected date/time 09/13/21 00:00	Received date/time 09/15/21 09:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743489	1	09/21/21 11:42	09/21/21 11:49	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743230	1	09/20/21 20:00	09/20/21 22:25	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742423	1	09/17/21 16:33	09/21/21 06:53	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745063	1	09/24/21 08:51	09/25/21 12:13	WCR	Mt. Juliet, TN

H-5 L1403766-05 Solid

				Collected by ES	Collected date/time 09/13/21 00:00	Received date/time 09/15/21 09:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743489	1	09/21/21 11:42	09/21/21 11:49	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743230	1	09/20/21 20:00	09/20/21 23:03	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742423	1	09/17/21 16:33	09/21/21 07:14	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745063	1	09/24/21 08:51	09/25/21 11:46	WCR	Mt. Juliet, TN

H-6 L1403766-06 Solid

				Collected by ES	Collected date/time 09/13/21 00:00	Received date/time 09/15/21 09:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743489	1	09/21/21 11:42	09/21/21 11:49	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743230	1	09/20/21 20:00	09/20/21 23:31	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742423	1	09/17/21 16:33	09/21/21 07:36	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745063	1	09/24/21 08:51	09/25/21 10:51	WCR	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

H-7 L1403766-07 Solid

				Collected by ES	Collected date/time 09/13/21 00:00	Received date/time 09/15/21 09:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743489	1	09/21/21 11:42	09/21/21 11:49	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743230	1	09/20/21 20:00	09/20/21 23:41	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742423	1	09/17/21 16:33	09/21/21 07:57	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745063	1	09/24/21 08:51	09/25/21 11:59	WCR	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

H-8 L1403766-08 Solid

				Collected by ES	Collected date/time 09/13/21 00:00	Received date/time 09/15/21 09:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743489	1	09/21/21 11:42	09/21/21 11:49	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743230	1	09/20/21 20:00	09/20/21 23:50	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742423	1	09/17/21 16:33	09/21/21 08:19	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745063	1	09/24/21 08:51	09/25/21 10:38	WCR	Mt. Juliet, TN

H-9 L1403766-09 Solid

				Collected by ES	Collected date/time 09/13/21 00:00	Received date/time 09/15/21 09:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743489	1	09/21/21 11:42	09/21/21 11:49	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743230	1	09/20/21 20:00	09/21/21 00:00	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742423	1	09/17/21 16:33	09/21/21 08:40	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745063	1	09/24/21 08:51	09/25/21 13:33	WCR	Mt. Juliet, TN

H-10 L1403766-10 Solid

				Collected by ES	Collected date/time 09/13/21 00:00	Received date/time 09/15/21 09:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743489	1	09/21/21 11:42	09/21/21 11:49	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743230	1	09/20/21 20:00	09/21/21 00:09	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742423	1	09/17/21 16:33	09/21/21 09:02	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745063	1	09/24/21 08:51	09/25/21 13:46	WCR	Mt. Juliet, TN

H-11 L1403766-11 Solid

				Collected by ES	Collected date/time 09/13/21 00:00	Received date/time 09/15/21 09:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743490	1	09/21/21 11:36	09/21/21 11:41	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743230	1	09/20/21 20:00	09/21/21 00:19	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742423	1	09/17/21 16:33	09/21/21 09:32	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745063	1	09/24/21 08:51	09/25/21 12:39	WCR	Mt. Juliet, TN

H-12 L1403766-12 Solid

				Collected by ES	Collected date/time 09/13/21 00:00	Received date/time 09/15/21 09:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743490	1	09/21/21 11:36	09/21/21 11:41	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743230	1	09/20/21 20:00	09/21/21 00:28	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742423	1	09/17/21 16:33	09/21/21 09:53	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745063	1	09/24/21 08:51	09/25/21 14:00	WCR	Mt. Juliet, TN

H-13 L1403766-13 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743490	1	09/21/21 11:36	09/21/21 11:41	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743230	1	09/20/21 20:00	09/21/21 00:38	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742426	1	09/17/21 16:33	09/21/21 20:27	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745063	1	09/24/21 08:51	09/25/21 14:27	WCR	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

H-14 L1403766-14 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743490	1	09/21/21 11:36	09/21/21 11:41	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743230	1	09/20/21 20:00	09/21/21 00:47	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742426	1	09/17/21 16:33	09/21/21 20:48	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745063	1	09/24/21 08:51	09/25/21 10:24	WCR	Mt. Juliet, TN

H-15 L1403766-15 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743490	1	09/21/21 11:36	09/21/21 11:41	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743230	1	09/20/21 20:00	09/21/21 01:26	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742426	1	09/17/21 16:33	09/21/21 21:10	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745063	1	09/24/21 08:51	09/25/21 11:05	WCR	Mt. Juliet, TN

H-16 L1403766-16 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743490	1	09/21/21 11:36	09/21/21 11:41	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743230	1	09/20/21 20:00	09/21/21 01:35	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742426	1	09/17/21 16:33	09/21/21 21:31	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745063	1	09/24/21 08:51	09/25/21 12:25	WCR	Mt. Juliet, TN

S-1 (0-1') L1403766-17 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743490	1	09/21/21 11:36	09/21/21 11:41	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743230	1	09/20/21 20:00	09/21/21 01:45	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742426	1	09/17/21 16:33	09/21/21 21:53	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745063	1	09/24/21 08:51	09/25/21 09:57	WCR	Mt. Juliet, TN

S-2 (0-1') L1403766-18 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743490	1	09/21/21 11:36	09/21/21 11:41	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743230	1	09/20/21 20:00	09/21/21 01:54	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742426	1	09/17/21 16:33	09/21/21 22:14	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745063	1	09/24/21 08:51	09/25/21 14:40	WCR	Mt. Juliet, TN

S-3 (0-1') L1403766-19 Solid

Collected by
ESCollected date/time
09/13/21 00:00Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743490	1	09/21/21 11:36	09/21/21 11:41	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743230	1	09/20/21 20:00	09/21/21 02:04	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742426	1	09/17/21 16:33	09/22/21 00:06	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745064	1	09/25/21 09:32	09/25/21 15:42	WCR	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

S-4 (0-1') L1403766-20 Solid

Collected by
ESCollected date/time
09/13/21 00:00Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743490	1	09/21/21 11:36	09/21/21 11:41	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743230	1	09/20/21 20:00	09/21/21 02:13	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742426	1	09/17/21 16:33	09/22/21 02:13	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745064	1	09/25/21 09:32	09/25/21 15:56	WCR	Mt. Juliet, TN

5 Sr

6 Qc

7 Gl

8 Al

S-5 (0-1') L1403766-21 Solid

Collected by
ESCollected date/time
09/13/21 00:00Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743494	1	09/21/21 11:29	09/21/21 11:36	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1744000	1	09/21/21 19:10	09/22/21 01:58	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742426	1	09/17/21 16:33	09/22/21 02:34	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745064	1	09/25/21 09:32	09/25/21 14:25	WCR	Mt. Juliet, TN

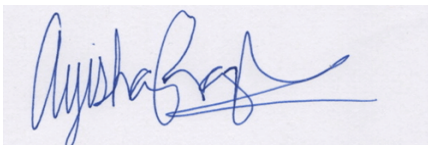
9 Sc

S-6 (0-1') L1403766-22 Solid

Collected by
ESCollected date/time
09/13/21 00:00Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743494	1	09/21/21 11:29	09/21/21 11:36	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1744000	1	09/21/21 19:10	09/22/21 02:14	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742426	1	09/17/21 16:33	09/22/21 03:10	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745064	1	09/25/21 09:32	09/25/21 16:09	WCR	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.



Ayisha Raza
Project Manager

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Collected date/time: 09/13/21 00:00

L1403766

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	99.5		1	09/21/2021 11:49	WG1743489

1 Cp

2 Tc

3 Ss

4 Cn

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	U		9.24	20.1	1	09/20/2021 21:56	WG1743230

5 Sr

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.00137		0.000121	0.000502	1	09/21/2021 05:48	WG1742423
Toluene	0.00496	J	0.000151	0.00502	1	09/21/2021 05:48	WG1742423
Ethylbenzene	0.00257		0.000111	0.000502	1	09/21/2021 05:48	WG1742423
Total Xylene	0.0102		0.000462	0.00151	1	09/21/2021 05:48	WG1742423
TPH (GC/FID) Low Fraction	0.144		0.0218	0.100	1	09/21/2021 05:48	WG1742423
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/21/2021 05:48	WG1742423
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		09/21/2021 05:48	WG1742423

6 Qc

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	17.5		1.62	4.02	1	09/25/2021 12:52	WG1745063
C28-C36 Motor Oil Range	15.0		0.275	4.02	1	09/25/2021 12:52	WG1745063
(S) o-Terphenyl	63.1			18.0-148		09/25/2021 12:52	WG1745063

Collected date/time: 09/13/21 00:00

L1403766

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	82.5		1	09/21/2021 11:49	WG1743489

1 Cp

2 Tc

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	U		11.2	24.3	1	09/20/2021 22:06	WG1743230

3 Ss

4 Cn

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.00138		0.000146	0.000606	1	09/21/2021 06:10	WG1742423
Toluene	0.00277	J	0.000182	0.00606	1	09/21/2021 06:10	WG1742423
Ethylbenzene	0.000806		0.000133	0.000606	1	09/21/2021 06:10	WG1742423
Total Xylene	0.00170	J	0.000558	0.00182	1	09/21/2021 06:10	WG1742423
TPH (GC/FID) Low Fraction	0.0650	J	0.0263	0.121	1	09/21/2021 06:10	WG1742423
(S) a,a,a-Trifluorotoluene(FID)	107			77.0-120		09/21/2021 06:10	WG1742423
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128		09/21/2021 06:10	WG1742423

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	4.50	J	1.95	4.85	1	09/25/2021 11:18	WG1745063
C28-C36 Motor Oil Range	3.18	J	0.332	4.85	1	09/25/2021 11:18	WG1745063
(S) o-Terphenyl	45.5			18.0-148		09/25/2021 11:18	WG1745063

Collected date/time: 09/13/21 00:00

L1403766

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	84.2		1	09/21/2021 11:49	WG1743489

1 Cp

2 Tc

3 Ss

4 Cn

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	U		10.9	23.7	1	09/20/2021 22:15	WG1743230

5 Sr

6 Qc

7 Gl

8 Al

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.00127		0.000142	0.000594	1	09/21/2021 06:31	WG1742423
Toluene	0.00266	J	0.000178	0.00594	1	09/21/2021 06:31	WG1742423
Ethylbenzene	U		0.000131	0.000594	1	09/21/2021 06:31	WG1742423
Total Xylene	0.000817	J	0.000546	0.00178	1	09/21/2021 06:31	WG1742423
TPH (GC/FID) Low Fraction	0.0458	J	0.0258	0.119	1	09/21/2021 06:31	WG1742423
(S) a,a,a-Trifluorotoluene(FID)	107			77.0-120		09/21/2021 06:31	WG1742423
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128		09/21/2021 06:31	WG1742423

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	7.34		1.91	4.75	1	09/25/2021 11:32	WG1745063
C28-C36 Motor Oil Range	5.91		0.325	4.75	1	09/25/2021 11:32	WG1745063
(S) o-Terphenyl	45.5			18.0-148		09/25/2021 11:32	WG1745063

Collected date/time: 09/13/21 00:00

L1403766

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	82.7		1	09/21/2021 11:49	WG1743489

1 Cp

2 Tc

3 Ss

4 Cn

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	11.4	J P1	11.1	24.2	1	09/20/2021 22:25	WG1743230

5 Sr

6 Qc

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.00109		0.000145	0.000605	1	09/21/2021 06:53	WG1742423
Toluene	0.00249	J	0.000181	0.000605	1	09/21/2021 06:53	WG1742423
Ethylbenzene	U		0.000133	0.000605	1	09/21/2021 06:53	WG1742423
Total Xylene	0.000887	J	0.000556	0.00181	1	09/21/2021 06:53	WG1742423
TPH (GC/FID) Low Fraction	0.0510	J	0.0262	0.121	1	09/21/2021 06:53	WG1742423
(S) a,a,a-Trifluorotoluene(FID)	107			77.0-120		09/21/2021 06:53	WG1742423
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128		09/21/2021 06:53	WG1742423

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	7.25		1.95	4.84	1	09/25/2021 12:13	WG1745063
C28-C36 Motor Oil Range	6.99		0.331	4.84	1	09/25/2021 12:13	WG1745063
(S) o-Terphenyl	42.6			18.0-148		09/25/2021 12:13	WG1745063

Collected date/time: 09/13/21 00:00

L1403766

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.1		1	09/21/2021 11:49	WG1743489

Wet Chemistry by Method 300.0

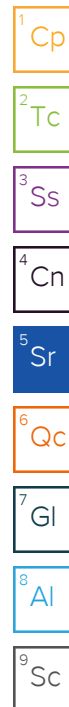
Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	U		11.1	24.1	1	09/20/2021 23:03	WG1743230

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.00115		0.000144	0.000601	1	09/21/2021 07:14	WG1742423
Toluene	0.00230	J	0.000180	0.00601	1	09/21/2021 07:14	WG1742423
Ethylbenzene	U		0.000132	0.000601	1	09/21/2021 07:14	WG1742423
Total Xylene	0.000699	J	0.000553	0.00180	1	09/21/2021 07:14	WG1742423
TPH (GC/FID) Low Fraction	0.0450	J	0.0261	0.120	1	09/21/2021 07:14	WG1742423
(S) a,a,a-Trifluorotoluene(FID)	107			77.0-120		09/21/2021 07:14	WG1742423
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128		09/21/2021 07:14	WG1742423

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	3.22	J	1.94	4.81	1	09/25/2021 11:46	WG1745063
C28-C36 Motor Oil Range	2.41	J	0.330	4.81	1	09/25/2021 11:46	WG1745063
(S) o-Terphenyl	50.6			18.0-148		09/25/2021 11:46	WG1745063



Collected date/time: 09/13/21 00:00

L1403766

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	80.3		1	09/21/2021 11:49	WG1743489

1 Cp

2 Tc

3 Ss

4 Cn

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	20.5	J	11.5	24.9	1	09/20/2021 23:31	WG1743230

5 Sr

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.00139		0.000149	0.000622	1	09/21/2021 07:36	WG1742423
Toluene	0.00214	J	0.000187	0.00622	1	09/21/2021 07:36	WG1742423
Ethylbenzene	U		0.000137	0.000622	1	09/21/2021 07:36	WG1742423
Total Xylene	0.00284		0.000573	0.00187	1	09/21/2021 07:36	WG1742423
TPH (GC/FID) Low Fraction	0.0708	J	0.0270	0.124	1	09/21/2021 07:36	WG1742423
(S) a,a,a-Trifluorotoluene(FID)	107			77.0-120		09/21/2021 07:36	WG1742423
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128		09/21/2021 07:36	WG1742423

6 Qc

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		2.00	4.98	1	09/25/2021 10:51	WG1745063
C28-C36 Motor Oil Range	3.10	J	0.341	4.98	1	09/25/2021 10:51	WG1745063
(S) o-Terphenyl	47.4			18.0-148		09/25/2021 10:51	WG1745063

Collected date/time: 09/13/21 00:00

L1403766

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	81.7		1	09/21/2021 11:49	WG1743489

1 Cp

2 Tc

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	18.1	J	11.3	24.5	1	09/20/2021 23:41	WG1743230

3 Ss

4 Cn

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.000689		0.000147	0.000612	1	09/21/2021 07:57	WG1742423
Toluene	0.00111	J	0.000184	0.00612	1	09/21/2021 07:57	WG1742423
Ethylbenzene	U		0.000135	0.000612	1	09/21/2021 07:57	WG1742423
Total Xylene	U		0.000563	0.00184	1	09/21/2021 07:57	WG1742423
TPH (GC/FID) Low Fraction	U		0.0265	0.122	1	09/21/2021 07:57	WG1742423
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120		09/21/2021 07:57	WG1742423
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		09/21/2021 07:57	WG1742423

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	3.76	J	1.97	4.89	1	09/25/2021 11:59	WG1745063
C28-C36 Motor Oil Range	4.55	J	0.335	4.89	1	09/25/2021 11:59	WG1745063
(S) o-Terphenyl	44.5			18.0-148		09/25/2021 11:59	WG1745063

Collected date/time: 09/13/21 00:00

L1403766

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	81.5		1	09/21/2021 11:49	WG1743489

1 Cp

2 Tc

3 Ss

4 Cn

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	24.6		11.3	24.5	1	09/20/2021 23:50	WG1743230

5 Sr

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	0.00217		0.000147	0.000614	1	09/21/2021 08:19	WG1742423
Toluene	0.00237	J	0.000184	0.00614	1	09/21/2021 08:19	WG1742423
Ethylbenzene	U		0.000135	0.000614	1	09/21/2021 08:19	WG1742423
Total Xylene	0.000898	J	0.000565	0.00184	1	09/21/2021 08:19	WG1742423
TPH (GC/FID) Low Fraction	0.119	J	0.0266	0.123	1	09/21/2021 08:19	WG1742423
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/21/2021 08:19	WG1742423
(S) a,a,a-Trifluorotoluene(PID)	104			72.0-128		09/21/2021 08:19	WG1742423

6 Qc

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.98	4.91	1	09/25/2021 10:38	WG1745063
C28-C36 Motor Oil Range	2.14	J	0.336	4.91	1	09/25/2021 10:38	WG1745063
(S) o-Terphenyl	48.5			18.0-148		09/25/2021 10:38	WG1745063

Collected date/time: 09/13/21 00:00

L1403766

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	81.4		1	09/21/2021 11:49	WG1743489

1 Cp

2 Tc

3 Ss

4 Cn

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	20.2	J	11.3	24.6	1	09/21/2021 00:00	WG1743230

5 Sr

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.00133		0.000147	0.000614	1	09/21/2021 08:40	WG1742423
Toluene	0.00209	J	0.000184	0.00614	1	09/21/2021 08:40	WG1742423
Ethylbenzene	U		0.000135	0.000614	1	09/21/2021 08:40	WG1742423
Total Xylene	0.000792	J	0.000565	0.00184	1	09/21/2021 08:40	WG1742423
TPH (GC/FID) Low Fraction	0.0482	J	0.0267	0.123	1	09/21/2021 08:40	WG1742423
(S) a,a,a-Trifluorotoluene(FID)	105			77.0-120		09/21/2021 08:40	WG1742423
(S) a,a,a-Trifluorotoluene(PID)	100			72.0-128		09/21/2021 08:40	WG1742423

6 Qc

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	5.05		1.98	4.91	1	09/25/2021 13:33	WG1745063
C28-C36 Motor Oil Range	9.42		0.337	4.91	1	09/25/2021 13:33	WG1745063
(S) o-Terphenyl	54.1			18.0-148		09/25/2021 13:33	WG1745063

Collected date/time: 09/13/21 00:00

L1403766

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	83.0		1	09/21/2021 11:49	WG1743489

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	18.2	J	11.1	24.1	1	09/21/2021 00:09	WG1743230

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.000806		0.000145	0.000602	1	09/21/2021 09:02	WG1742423
Toluene	0.00106	J	0.000181	0.00602	1	09/21/2021 09:02	WG1742423
Ethylbenzene	U		0.000132	0.000602	1	09/21/2021 09:02	WG1742423
Total Xylene	0.000768	J	0.000554	0.00181	1	09/21/2021 09:02	WG1742423
TPH (GC/FID) Low Fraction	0.0352	J	0.0261	0.120	1	09/21/2021 09:02	WG1742423
(S) a,a,a-Trifluorotoluene(FID)	110			77.0-120		09/21/2021 09:02	WG1742423
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		09/21/2021 09:02	WG1742423

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	9.08		1.94	4.82	1	09/25/2021 13:46	WG1745063
C28-C36 Motor Oil Range	15.5		0.330	4.82	1	09/25/2021 13:46	WG1745063
(S) o-Terphenyl	52.4			18.0-148		09/25/2021 13:46	WG1745063

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403766

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	85.2		1	09/21/2021 11:41	WG1743490

1 Cp

2 Tc

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	16.4	J	10.8	23.5	1	09/21/2021 00:19	WG1743230

3 Ss

4 Cn

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.000690		0.000141	0.000587	1	09/21/2021 09:32	WG1742423
Toluene	0.000788	J	0.000176	0.00587	1	09/21/2021 09:32	WG1742423
Ethylbenzene	U		0.000129	0.000587	1	09/21/2021 09:32	WG1742423
Total Xylene	U		0.000540	0.00176	1	09/21/2021 09:32	WG1742423
TPH (GC/FID) Low Fraction	U		0.0255	0.117	1	09/21/2021 09:32	WG1742423
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120		09/21/2021 09:32	WG1742423
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		09/21/2021 09:32	WG1742423

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	3.77	J	1.89	4.70	1	09/25/2021 12:39	WG1745063
C28-C36 Motor Oil Range	5.49		0.322	4.70	1	09/25/2021 12:39	WG1745063
(S) o-Terphenyl	52.0			18.0-148		09/25/2021 12:39	WG1745063

Collected date/time: 09/13/21 00:00

L1403766

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	97.6		1	09/21/2021 11:41	WG1743490

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	21.4		9.43	20.5	1	09/21/2021 00:28	WG1743230

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	0.00213		0.000123	0.000513	1	09/21/2021 09:53	WG1742423
Toluene	0.00244	J	0.000154	0.00513	1	09/21/2021 09:53	WG1742423
Ethylbenzene	U		0.000113	0.000513	1	09/21/2021 09:53	WG1742423
Total Xylene	0.00111	J	0.000472	0.00154	1	09/21/2021 09:53	WG1742423
TPH (GC/FID) Low Fraction	0.0690	J	0.0222	0.103	1	09/21/2021 09:53	WG1742423
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/21/2021 09:53	WG1742423
(S) a,a,a-Trifluorotoluene(PID)	104			72.0-128		09/21/2021 09:53	WG1742423

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	9.86		1.65	4.10	1	09/25/2021 14:00	WG1745063
C28-C36 Motor Oil Range	13.2		0.281	4.10	1	09/25/2021 14:00	WG1745063
(S) o-Terphenyl	56.5			18.0-148		09/25/2021 14:00	WG1745063

Collected date/time: 09/13/21 00:00

L1403766

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	99.2		1	09/21/2021 11:41	WG1743490

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	21.9		9.27	20.2	1	09/21/2021 00:38	WG1743230

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.000974		0.000121	0.000504	1	09/21/2021 20:27	WG1742426
Toluene	0.00313	J	0.000151	0.00504	1	09/21/2021 20:27	WG1742426
Ethylbenzene	0.000866		0.000111	0.000504	1	09/21/2021 20:27	WG1742426
Total Xylene	0.00313		0.000464	0.00151	1	09/21/2021 20:27	WG1742426
TPH (GC/FID) Low Fraction	0.0533	J	0.0219	0.101	1	09/21/2021 20:27	WG1742426
(S) a,a,a-Trifluorotoluene(FID)	107			77.0-120		09/21/2021 20:27	WG1742426
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		09/21/2021 20:27	WG1742426

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	10.7		1.62	4.03	1	09/25/2021 14:27	WG1745063
C28-C36 Motor Oil Range	9.48		0.276	4.03	1	09/25/2021 14:27	WG1745063
(S) o-Terphenyl	55.4			18.0-148		09/25/2021 14:27	WG1745063

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403766

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.2		1	09/21/2021 11:41	WG1743490

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	29.5	P1	11.3	24.6	1	09/21/2021 00:47	WG1743230

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.000872		0.000148	0.000615	1	09/21/2021 20:48	WG1742426
Toluene	0.00100	J	0.000185	0.00615	1	09/21/2021 20:48	WG1742426
Ethylbenzene	U		0.000135	0.000615	1	09/21/2021 20:48	WG1742426
Total Xylene	0.000737	J	0.000566	0.00185	1	09/21/2021 20:48	WG1742426
TPH (GC/FID) Low Fraction	U		0.0267	0.123	1	09/21/2021 20:48	WG1742426
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120		09/21/2021 20:48	WG1742426
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128		09/21/2021 20:48	WG1742426

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	2.47	J	1.98	4.92	1	09/25/2021 10:24	WG1745063
C28-C36 Motor Oil Range	2.56	J	0.337	4.92	1	09/25/2021 10:24	WG1745063
(S) o-Terphenyl	51.2			18.0-148		09/25/2021 10:24	WG1745063

Collected date/time: 09/13/21 00:00

L1403766

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	81.7		1	09/21/2021 11:41	WG1743490

1 Cp

2 Tc

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	17.9	J	11.3	24.5	1	09/21/2021 01:26	WG1743230

3 Ss

4 Cn

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	0.000797		0.000147	0.000612	1	09/21/2021 21:10	WG1742426
Toluene	0.00104	J	0.000184	0.00612	1	09/21/2021 21:10	WG1742426
Ethylbenzene	U		0.000135	0.000612	1	09/21/2021 21:10	WG1742426
Total Xylene	U		0.000563	0.00184	1	09/21/2021 21:10	WG1742426
TPH (GC/FID) Low Fraction	U		0.0266	0.122	1	09/21/2021 21:10	WG1742426
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120		09/21/2021 21:10	WG1742426
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128		09/21/2021 21:10	WG1742426

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.97	4.90	1	09/25/2021 11:05	WG1745063
C28-C36 Motor Oil Range	2.35	J	0.336	4.90	1	09/25/2021 11:05	WG1745063
(S) o-Terphenyl	45.7			18.0-148		09/25/2021 11:05	WG1745063

Collected date/time: 09/13/21 00:00

L1403766

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	81.7		1	09/21/2021 11:41	WG1743490

1 Cp

2 Tc

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	19.0	J	11.3	24.5	1	09/21/2021 01:35	WG1743230

3 Ss

4 Cn

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.000622		0.000147	0.000612	1	09/21/2021 21:31	WG1742426
Toluene	0.00206	J	0.000184	0.00612	1	09/21/2021 21:31	WG1742426
Ethylbenzene	U		0.000135	0.000612	1	09/21/2021 21:31	WG1742426
Total Xylene	0.00154	J	0.000563	0.00184	1	09/21/2021 21:31	WG1742426
TPH (GC/FID) Low Fraction	U		0.0266	0.122	1	09/21/2021 21:31	WG1742426
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120		09/21/2021 21:31	WG1742426
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128		09/21/2021 21:31	WG1742426

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	3.71	J	1.97	4.90	1	09/25/2021 12:25	WG1745063
C28-C36 Motor Oil Range	4.31	J	0.335	4.90	1	09/25/2021 12:25	WG1745063
(S) o-Terphenyl	61.3			18.0-148		09/25/2021 12:25	WG1745063

Collected date/time: 09/13/21 00:00

L1403766

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	81.7		1	09/21/2021 11:41	WG1743490

Wet Chemistry by Method 300.0

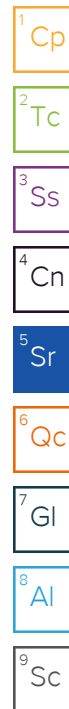
Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	11.6	J	11.3	24.5	1	09/21/2021 01:45	WG1743230

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000147	0.000612	1	09/21/2021 21:53	WG1742426
Toluene	U		0.000184	0.00612	1	09/21/2021 21:53	WG1742426
Ethylbenzene	U		0.000135	0.000612	1	09/21/2021 21:53	WG1742426
Total Xylene	U		0.000563	0.00184	1	09/21/2021 21:53	WG1742426
TPH (GC/FID) Low Fraction	U		0.0266	0.122	1	09/21/2021 21:53	WG1742426
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/21/2021 21:53	WG1742426
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128		09/21/2021 21:53	WG1742426

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.97	4.90	1	09/25/2021 09:57	WG1745063
C28-C36 Motor Oil Range	1.17	J	0.335	4.90	1	09/25/2021 09:57	WG1745063
(S) o-Terphenyl	49.7			18.0-148		09/25/2021 09:57	WG1745063



Collected date/time: 09/13/21 00:00

L1403766

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	86.9		1	09/21/2021 11:41	WG1743490

1 Cp

2 Tc

3 Ss

4 Cn

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	11.2	J	10.6	23.0	1	09/21/2021 01:54	WG1743230

5 Sr

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.00140		0.000138	0.000576	1	09/21/2021 22:14	WG1742426
Toluene	0.00170	J	0.000173	0.00576	1	09/21/2021 22:14	WG1742426
Ethylbenzene	0.000483	J	0.000127	0.000576	1	09/21/2021 22:14	WG1742426
Total Xylene	U		0.000530	0.00173	1	09/21/2021 22:14	WG1742426
TPH (GC/FID) Low Fraction	U		0.0250	0.115	1	09/21/2021 22:14	WG1742426
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120		09/21/2021 22:14	WG1742426
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		09/21/2021 22:14	WG1742426

6 Qc

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	61.7		1.85	4.60	1	09/25/2021 14:40	WG1745063
C28-C36 Motor Oil Range	73.2		0.315	4.60	1	09/25/2021 14:40	WG1745063
(S) o-Terphenyl	64.7			18.0-148		09/25/2021 14:40	WG1745063

Collected date/time: 09/13/21 00:00

L1403766

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	82.9		1	09/21/2021 11:41	WG1743490

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	mg/kg		mg/kg	mg/kg			
Chloride	43.6		11.1	24.1	1	09/21/2021 02:04	WG1743230

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
	mg/kg		mg/kg	mg/kg			
Benzene	U		0.000145	0.000603	1	09/22/2021 00:06	WG1742426
Toluene	U		0.000181	0.00603	1	09/22/2021 00:06	WG1742426
Ethylbenzene	U		0.000133	0.000603	1	09/22/2021 00:06	WG1742426
Total Xylene	U		0.000555	0.00181	1	09/22/2021 00:06	WG1742426
TPH (GC/FID) Low Fraction	U		0.0262	0.121	1	09/22/2021 00:06	WG1742426
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/22/2021 00:06	WG1742426
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128		09/22/2021 00:06	WG1742426

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
	mg/kg		mg/kg	mg/kg			
C10-C28 Diesel Range	U		1.94	4.82	1	09/25/2021 15:42	WG1745064
C28-C36 Motor Oil Range	U		0.330	4.82	1	09/25/2021 15:42	WG1745064
(S) o-Terphenyl	70.4			18.0-148		09/25/2021 15:42	WG1745064

Collected date/time: 09/13/21 00:00

L1403766

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	93.0		1	09/21/2021 11:41	WG1743490

Wet Chemistry by Method 300.0

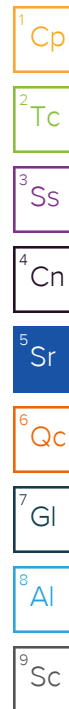
Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	190		9.89	21.5	1	09/21/2021 02:13	WG1743230

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000129	0.000537	1	09/22/2021 02:13	WG1742426
Toluene	U		0.000161	0.00537	1	09/22/2021 02:13	WG1742426
Ethylbenzene	U		0.000118	0.000537	1	09/22/2021 02:13	WG1742426
Total Xylene	U		0.000494	0.00161	1	09/22/2021 02:13	WG1742426
TPH (GC/FID) Low Fraction	U		0.0233	0.107	1	09/22/2021 02:13	WG1742426
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120		09/22/2021 02:13	WG1742426
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		09/22/2021 02:13	WG1742426

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.73	4.30	1	09/25/2021 15:56	WG1745064
C28-C36 Motor Oil Range	1.78	J	0.295	4.30	1	09/25/2021 15:56	WG1745064
(S) o-Terphenyl	71.8			18.0-148		09/25/2021 15:56	WG1745064



Collected date/time: 09/13/21 00:00

L1403766

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	90.1		1	09/21/2021 11:36	WG1743494

1 Cp

2 Tc

3 Ss

4 Cn

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	56.0		10.2	22.2	1	09/22/2021 01:58	WG1744000

5 Sr

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
	mg/kg		mg/kg	mg/kg			
Benzene	U		0.000133	0.000555	1	09/22/2021 02:34	WG1742426
Toluene	U		0.000167	0.00555	1	09/22/2021 02:34	WG1742426
Ethylbenzene	U		0.000122	0.000555	1	09/22/2021 02:34	WG1742426
Total Xylene	U		0.000511	0.00167	1	09/22/2021 02:34	WG1742426
TPH (GC/FID) Low Fraction	U		0.0241	0.111	1	09/22/2021 02:34	WG1742426
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120		09/22/2021 02:34	WG1742426
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		09/22/2021 02:34	WG1742426

6 Qc

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
	mg/kg		mg/kg	mg/kg			
C10-C28 Diesel Range	U		1.79	4.44	1	09/25/2021 14:25	WG1745064
C28-C36 Motor Oil Range	0.919	J	0.304	4.44	1	09/25/2021 14:25	WG1745064
(S) o-Terphenyl	72.1			18.0-148		09/25/2021 14:25	WG1745064

Collected date/time: 09/13/21 00:00

L1403766

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	90.4		1	09/21/2021 11:36	WG1743494

1 Cp

2 Tc

3 Ss

4 Cn

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	225		10.2	22.1	1	09/22/2021 02:14	WG1744000

5 Sr

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
	mg/kg		mg/kg	mg/kg			
Benzene	U		0.000133	0.000553	1	09/22/2021 03:10	WG1742426
Toluene	U		0.000166	0.00553	1	09/22/2021 03:10	WG1742426
Ethylbenzene	U		0.000122	0.000553	1	09/22/2021 03:10	WG1742426
Total Xylene	U		0.000509	0.00166	1	09/22/2021 03:10	WG1742426
TPH (GC/FID) Low Fraction	U		0.0240	0.111	1	09/22/2021 03:10	WG1742426
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/22/2021 03:10	WG1742426
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		09/22/2021 03:10	WG1742426

6 Qc

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
	mg/kg		mg/kg	mg/kg			
C10-C28 Diesel Range	U		1.78	4.43	1	09/25/2021 16:09	WG1745064
C28-C36 Motor Oil Range	2.75	J	0.303	4.43	1	09/25/2021 16:09	WG1745064
(S) o-Terphenyl	87.5			18.0-148		09/25/2021 16:09	WG1745064

Total Solids by Method 2540 G-2011 [L1403766-01,02,03,04,05,06,07,08,09,10](#)

Method Blank (MB)

(MB) R3707092-1 09/21/21 11:49

	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.00100			

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1403766-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1403766-02 09/21/21 11:49 • (DUP) R3707092-3 09/21/21 11:49

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	82.5	82.7	1	0.293		10

Laboratory Control Sample (LCS)

(LCS) R3707092-2 09/21/21 11:49

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

Total Solids by Method 2540 G-2011 [L1403766-11,12,13,14,15,16,17,18,19,20](#)

Method Blank (MB)

(MB) R3707091-1 09/21/21 11:41

	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.000			

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

L1403766-13 Original Sample (OS) • Duplicate (DUP)

(OS) L1403766-13 09/21/21 11:41 • (DUP) R3707091-3 09/21/21 11:41

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	99.2	99.4	1	0.157		10

⁷Gl

⁸Al

Laboratory Control Sample (LCS)

(LCS) R3707091-2 09/21/21 11:41

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

⁹Sc

Total Solids by Method 2540 G-2011 [L1403766-21,22](#)

Method Blank (MB)

(MB) R3707090-1 09/21/21 11:36

	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.00100			

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

L1403766-21 Original Sample (OS) • Duplicate (DUP)

(OS) L1403766-21 09/21/21 11:36 • (DUP) R3707090-3 09/21/21 11:36

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	90.1	90.1	1	0.0242		10

⁷Gl

⁸Al

Laboratory Control Sample (LCS)

(LCS) R3707090-2 09/21/21 11:36

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

⁹Sc

Wet Chemistry by Method 300.0

[L1403766-01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17,18,19,20](#)

Method Blank (MB)

(MB) R3706685-1 09/20/21 21:37

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

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1403766-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1403766-04 09/20/21 22:25 • (DUP) R3706685-3 09/20/21 22:34

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	11.4	U	1	200	P1	20

L1403766-14 Original Sample (OS) • Duplicate (DUP)

(OS) L1403766-14 09/21/21 00:47 • (DUP) R3706685-6 09/21/21 00:57

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	29.5	17.8	1	49.4	J P1	20

Laboratory Control Sample (LCS)

(LCS) R3706685-2 09/20/21 21:47

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	200	200	100	90.0-110	

L1403766-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1403766-04 09/20/21 22:25 • (MS) R3706685-4 09/20/21 22:44 • (MSD) R3706685-5 09/20/21 22:53

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	605	11.4	626	639	102	104	1	80.0-120			2.01	20

Method Blank (MB)

(MB) R3707244-1 09/21/21 22:27				
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Chloride	U		9.20	20.0

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1403745-77 Original Sample (OS) • Duplicate (DUP)

(OS) L1403745-77 09/22/21 00:20 • (DUP) R3707244-3 09/22/21 00:36						
	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Chloride	U	U	1	0.000		20

L1403740-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1403740-04 09/22/21 04:59 • (DUP) R3707244-6 09/22/21 05:15						
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Chloride	79.2	78.8	1	0.471		20

Laboratory Control Sample (LCS)

(LCS) R3707244-2 09/21/21 22:43					
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
Chloride	200	205	102	90.0-110	

L1403745-77 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1403745-77 09/22/21 00:20 • (MS) R3707244-4 09/22/21 00:52 • (MSD) R3707244-5 09/22/21 01:42												
	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Chloride	535	U	579	581	108	109	1	80.0-120			0.430	20

Volatile Organic Compounds (GC) by Method 8015/8021

[L1403766-01,02,03,04,05,06,07,08,09,10,11,12](#)

Method Blank (MB)

(MB) R3708073-3 09/21/21 02:34

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000120	0.000500
Toluene	U		0.000150	0.00500
Ethylbenzene	U		0.000110	0.000500
Total Xylene	U		0.000460	0.00150
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128

Laboratory Control Sample (LCS)

(LCS) R3708073-1 09/21/21 01:30

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0464	92.8	76.0-121	
Toluene	0.0500	0.0463	92.6	80.0-120	
Ethylbenzene	0.0500	0.0466	93.2	80.0-124	
Total Xylene	0.150	0.142	94.7	37.0-160	
(S) a,a,a-Trifluorotoluene(FID)			108	77.0-120	
(S) a,a,a-Trifluorotoluene(PID)			102	72.0-128	

Laboratory Control Sample (LCS)

(LCS) R3708073-2 09/21/21 01:51

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	5.04	91.6	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			99.3	77.0-120	
(S) a,a,a-Trifluorotoluene(PID)			104	72.0-128	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Volatile Organic Compounds (GC) by Method 8015/8021 [L1403766-01,02,03,04,05,06,07,08,09,10,11,12](#)

L1403745-70 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1403745-70 09/21/21 02:56 • (MS) R3708073-4 09/21/21 10:15 • (MSD) R3708073-5 09/21/21 10:36

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 %
Benzene	0.0522	U	0.0317	0.0381	60.8	73.0	1	10.0-155			18.2	32
Toluene	0.0522	U	0.0226	0.0349	43.4	66.8	1	10.0-160		J3	42.5	34
Ethylbenzene	0.0522	U	0.0143	0.0322	27.4	61.8	1	10.0-160		J3	77.1	32
Total Xylene	0.157	U	0.0385	0.0931	24.6	59.5	1	10.0-160		J3	83.0	32
(S) a,a,a-Trifluorotoluene(FID)					107	109		77.0-120				
(S) a,a,a-Trifluorotoluene(PID)					99.9	102		72.0-128				

L1403745-70 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1403745-70 09/21/21 02:56 • (MS) R3708073-6 09/21/21 10:58 • (MSD) R3708073-7 09/21/21 11:19

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 %
TPH (GC/FID) Low Fraction	5.74	U	1.49	1.27	26.0	22.2	1	10.0-151			15.8	28
(S) a,a,a-Trifluorotoluene(FID)					92.5	100		77.0-120				
(S) a,a,a-Trifluorotoluene(PID)					102	99.3		72.0-128				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Volatile Organic Compounds (GC) by Method 8015/8021

[L1403766-13,14,15,16,17,18,19,20,21,22](#)

Method Blank (MB)

(MB) R3706967-3 09/21/21 14:56

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000120	0.000500
Toluene	U		0.000150	0.00500
Ethylbenzene	U		0.000110	0.000500
Total Xylene	U		0.000460	0.00150
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128

Laboratory Control Sample (LCS)

(LCS) R3706967-1 09/21/21 12:59

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0524	105	76.0-121	
Toluene	0.0500	0.0518	104	80.0-120	
Ethylbenzene	0.0500	0.0516	103	80.0-124	
Total Xylene	0.150	0.159	106	37.0-160	
(S) a,a,a-Trifluorotoluene(FID)			109	77.0-120	
(S) a,a,a-Trifluorotoluene(PID)			102	72.0-128	

Laboratory Control Sample (LCS)

(LCS) R3706967-2 09/21/21 14:13

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	4.35	79.1	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			100	77.0-120	
(S) a,a,a-Trifluorotoluene(PID)			106	72.0-128	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Volatile Organic Compounds (GC) by Method 8015/8021 [L1403766-13,14,15,16,17,18,19,20,21,22](#)

L1403766-13 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1403766-13 09/21/21 20:27 • (MS) R3706967-4 09/22/21 06:49 • (MSD) R3706967-5 09/22/21 07:10

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 %
Benzene	0.0504	0.000974	0.0271	0.0293	51.9	56.3	1	10.0-155			7.86	32
Toluene	0.0504	0.00313	0.0233	0.0266	40.0	46.6	1	10.0-160			13.3	34
Ethylbenzene	0.0504	0.000866	0.0164	0.0218	30.9	41.5	1	10.0-160			28.0	32
Total Xylene	0.151	0.00313	0.0460	0.0620	28.3	38.9	1	10.0-160			29.7	32
(S) a,a,a-Trifluorotoluene(FID)					109	109		77.0-120				
(S) a,a,a-Trifluorotoluene(PID)					102	102		72.0-128				

L1403766-13 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1403766-13 09/21/21 20:27 • (MS) R3706967-6 09/22/21 07:32 • (MSD) R3706967-7 09/22/21 07:53

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 %
TPH (GC/FID) Low Fraction	5.54	0.0533	2.90	2.51	51.4	44.3	1	10.0-151			14.5	28
(S) a,a,a-Trifluorotoluene(FID)					95.8	95.9		77.0-120				
(S) a,a,a-Trifluorotoluene(PID)					105	104		72.0-128				

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Semi-Volatile Organic Compounds (GC) by Method 8015M

L1403766-01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17,18

Method Blank (MB)

(MB) R3708758-1 09/25/21 09:31

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C36 Motor Oil Range	U		0.274	4.00
(S) o-Terphenyl	53.8			18.0-148

Laboratory Control Sample (LCS)

(LCS) R3708758-2 09/25/21 09:43

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	39.0	78.0	50.0-150	
(S) o-Terphenyl			67.4	18.0-148	

L1403766-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1403766-01 09/25/21 12:52 • (MS) R3708758-3 09/25/21 13:06 • (MSD) R3708758-4 09/25/21 13:19

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 %
C10-C28 Diesel Range	49.6	17.5	60.7	60.9	87.0	88.3	1	50.0-150			0.331	20
(S) o-Terphenyl					62.0	62.9		18.0-148				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015M L1403766-19,20,21,22

Method Blank (MB)

(MB) R3708716-1 09/25/21 13:59

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C36 Motor Oil Range	U		0.274	4.00
(S) o-Terphenyl	84.1			18.0-148

Laboratory Control Sample (LCS)

(LCS) R3708716-2 09/25/21 14:12

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	46.4	92.8	50.0-150	
(S) o-Terphenyl			85.9	18.0-148	

L1404310-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1404310-02 09/25/21 14:51 • (MS) R3708716-3 09/25/21 15:04 • (MSD) R3708716-4 09/25/21 15:16

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 %
C10-C28 Diesel Range	55.2	U	49.4	48.7	89.5	88.8	1	50.0-150			1.39	20
(S) o-Terphenyl					137	138		18.0-148				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Guide to Reading and Understanding Your Laboratory Report

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

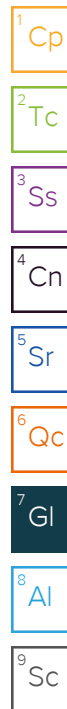
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location.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

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MDL (dry)	Method Detection Limit.
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
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

J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.



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	LA000356
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.

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

E051

21403766

Page 1 of 3

Project Manager:	Mike Carmona	Bill to: (if different)	Joe Vargo
Company Name:	NTG Environmental	Company Name:	NGL
Address:	701 Tradewinds BLVD	Address:	865 North Albion Street, Suite 400
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Denver, CO 80220
Phone:	432-813-0263	Email:	Joseph.Vargo@nqlep.com

Work Order Comments			
Program: UST/PST	☐ PRP	☐ Brownfields	☐ RRC ☐ Superfund ☐
State of Project:			
Reporting: Level II	☐ Level III	☐ PST/UST	☐ FRRP ☐ Level IV ☐
Deliverables: EDD	☐	ADaPT	☐ Other: ☐

[illegible]

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
1				2	
3				4	
5				6	

$$\rightarrow 3 \pm 0 = 2.3 \text{ A2B}$$

Chain of Custody



Work Order No: _____

L1403766

Page 2 of 3

Project Manager:	Mike Carmona	Bill to: (if different)	Joe Vargo
Company Name:	NTG Environmental	Company Name:	NGL
Address:	701 Tradewinds BLVD	Address:	865 North Albion Street, Suite 400
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Denver, CO 80220
Phone:	432-813-0263	Email:	Joseph.Vargo@nglep.com

Work Order Comments	
Program:	UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:	
Reporting:	Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐
Deliverables:	EDD ☐ ADaPT ☐ Other:

Project Name:		End Around Riser		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes							
Project Number:		214619		☒ Routine ☐ Rush																None: NO DI Water: H ₂ O							
Project Location		Lea Co, NM		Due Date:																Cool: Cool MeOH: Me							
Sampler's Name:		ES		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No														H ₃ PO ₄ : HP					
Received Intact:		Yes No		Thermometer ID:																NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:																Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
H-11		9/13/2021				x				Grab/		1		x x x												-11	
H-12		9/13/2021				x				Grab/		1		x x x												-12	
H-13		9/13/2021				x				Grab/		1		x x x												-13	
H-14		9/13/2021				x				Grab/		1		x x x												-14	
H-15		9/13/2021				x				Grab/		1		x x x												-15	
H-16		9/13/2021				x				Grab/		1		x x x												-16	
S-1 (0-1')		9/13/2021				x				Grab/		1		x x x												-17	
S-2 (0-1')		9/13/2021				x				Grab/		1		x x x												-18	
S-3 (0-1')		9/13/2021				x				Grab/		1		x x x												-19	
S-4 (0-1')		9/13/2021				x				Grab/		1		x x x												-20	

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		9/14/21 15:00	2		9/15/21 9:45
3			4		
5			6		

NTG
ENVIRONMENTAL

U1403764

Project Manager:	Mike Carmona	Bill to: (if different)	Joe Vargo
Company Name:	NTG Environmental	Company Name:	NGL
Address:	701 Tradewinds BLVD	Address:	865 North Albion Street, Suite 400
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Denver, CO 80220
Phone:	432-813-0263	Email:	Joseph.Vargo@nqlep.com

Program: UST/ST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other: ☐

[illegible]

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
1				2	
3				4	
5				6	

$$2 \cdot 3 + 0 = 2 \cdot 3 + 2 \text{ or}$$



ANALYTICAL REPORT

September 29, 2021

NGL Water Solutions, LLC - Denver, CO

Sample Delivery Group: L1403745
Samples Received: 09/15/2021
Project Number: 214619
Description: End Around Riser
Site: LEA CO, NM
Report To: Joseph Vargo
865 North Albion Street
Suite 400
Denver, CO 80220

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Entire Report Reviewed By:

Ayisha Raza
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 National12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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

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

CS-1 (1.5') L1403745-01 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743226	1	09/21/21 15:27	09/21/21 15:35	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1741832	1	09/19/21 21:05	09/20/21 01:30	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1743519	1	09/16/21 20:13	09/21/21 16:43	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1743809	1	09/24/21 07:19	09/24/21 15:14	WCR	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

CS-2 (1.5') L1403745-02 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743226	1	09/21/21 15:27	09/21/21 15:35	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1741832	1	09/19/21 21:05	09/20/21 01:40	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1743519	1	09/16/21 20:13	09/21/21 17:05	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1743809	1	09/24/21 07:19	09/24/21 15:54	WCR	Mt. Juliet, TN

CS-3 (1.5') L1403745-03 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743226	1	09/21/21 15:27	09/21/21 15:35	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1741832	1	09/19/21 21:05	09/20/21 02:08	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1743519	1	09/16/21 20:13	09/21/21 17:26	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1743809	1	09/24/21 07:19	09/24/21 16:08	WCR	Mt. Juliet, TN

CS-4 (1.5') L1403745-04 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743226	1	09/21/21 15:27	09/21/21 15:35	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743212	1	09/20/21 22:05	09/21/21 01:31	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1743519	1	09/16/21 20:13	09/21/21 17:48	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1743809	1	09/24/21 07:19	09/24/21 16:21	WCR	Mt. Juliet, TN

CS-5 (1.5') L1403745-05 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743226	1	09/21/21 15:27	09/21/21 15:35	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743212	1	09/20/21 22:05	09/21/21 01:40	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1743519	1	09/16/21 20:13	09/21/21 18:34	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1743809	1	09/24/21 07:19	09/24/21 16:35	WCR	Mt. Juliet, TN

CS-6 (1.5') L1403745-06 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743226	1	09/21/21 15:27	09/21/21 15:35	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743212	1	09/20/21 22:05	09/21/21 01:50	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1743519	1	09/16/21 20:13	09/21/21 18:55	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1743816	1	09/24/21 07:47	09/24/21 13:17	JAS	Mt. Juliet, TN

CS-7 (1.5') L1403745-07 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743226	1	09/21/21 15:27	09/21/21 15:35	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743212	1	09/20/21 22:05	09/21/21 01:59	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1743519	1	09/16/21 20:13	09/21/21 19:22	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1743816	1	09/24/21 07:47	09/24/21 13:29	JAS	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

CS-8 (1.5') L1403745-08 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743226	1	09/21/21 15:27	09/21/21 15:35	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743212	1	09/20/21 22:05	09/21/21 02:09	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1743519	1	09/16/21 20:13	09/21/21 19:44	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1743816	1	09/24/21 07:47	09/24/21 13:41	JAS	Mt. Juliet, TN

CS-9 (1.5') L1403745-09 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743226	1	09/21/21 15:27	09/21/21 15:35	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743212	1	09/20/21 22:05	09/21/21 02:47	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1743519	1	09/16/21 20:13	09/21/21 20:05	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1743816	1	09/24/21 07:47	09/24/21 14:06	JAS	Mt. Juliet, TN

CS-10 (0.5') L1403745-10 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743227	1	09/21/21 15:16	09/21/21 15:25	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743212	1	09/20/21 22:05	09/21/21 02:56	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1741904	1	09/16/21 20:13	09/20/21 04:32	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1743816	1	09/24/21 07:47	09/24/21 17:25	JAS	Mt. Juliet, TN

CS-11 (0.5') L1403745-11 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743227	1	09/21/21 15:16	09/21/21 15:25	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743212	1	09/20/21 22:05	09/21/21 03:05	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1741904	1	09/16/21 20:13	09/20/21 05:30	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1743816	1	09/24/21 07:47	09/24/21 13:54	JAS	Mt. Juliet, TN

CS-12 (0.5') L1403745-12 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743227	1	09/21/21 15:16	09/21/21 15:25	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743212	1	09/20/21 22:05	09/21/21 03:15	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1741904	1	09/16/21 20:13	09/20/21 05:51	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1743816	1	09/24/21 07:47	09/24/21 14:19	JAS	Mt. Juliet, TN

CS-13 (0.5') L1403745-13 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743227	1	09/21/21 15:16	09/21/21 15:25	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743212	1	09/20/21 22:05	09/21/21 03:24	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1741904	1	09/16/21 20:13	09/20/21 06:13	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1743816	1	09/24/21 07:47	09/24/21 16:48	JAS	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

CS-14 (0.5') L1403745-14 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743227	1	09/21/21 15:16	09/21/21 15:25	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743212	1	09/20/21 22:05	09/21/21 03:34	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1741904	1	09/16/21 20:13	09/20/21 06:34	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1743816	1	09/24/21 07:47	09/24/21 15:58	JAS	Mt. Juliet, TN

CS-15 (0.5') L1403745-15 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743227	1	09/21/21 15:16	09/21/21 15:25	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743534	1	09/21/21 10:35	09/21/21 12:42	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1741904	1	09/16/21 20:13	09/20/21 06:56	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1743816	1	09/24/21 07:47	09/24/21 16:23	JAS	Mt. Juliet, TN

CS-16 (0.5') L1403745-16 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743227	1	09/21/21 15:16	09/21/21 15:25	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743534	1	09/21/21 10:35	09/21/21 12:51	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1741904	1	09/16/21 20:13	09/20/21 07:17	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1743816	1	09/24/21 07:47	09/24/21 14:31	JAS	Mt. Juliet, TN

CS-17 (0.5') L1403745-17 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743227	1	09/21/21 15:16	09/21/21 15:25	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743534	1	09/21/21 10:35	09/21/21 13:01	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1741904	1	09/16/21 20:13	09/20/21 07:39	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1743816	1	09/24/21 07:47	09/24/21 14:44	JAS	Mt. Juliet, TN

CS-18 (0.5') L1403745-18 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743227	1	09/21/21 15:16	09/21/21 15:25	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743534	1	09/21/21 10:35	09/21/21 13:39	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1741904	1	09/16/21 20:13	09/20/21 08:00	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1743816	1	09/24/21 07:47	09/24/21 14:56	JAS	Mt. Juliet, TN

CS-19 (0.5') L1403745-19 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743227	1	09/21/21 15:16	09/21/21 15:25	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743534	1	09/21/21 10:35	09/21/21 13:48	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1741904	1	09/16/21 20:13	09/20/21 08:22	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1743816	1	09/24/21 07:47	09/24/21 15:33	JAS	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

CS-20 (0.5') L1403745-20 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743228	1	09/21/21 15:06	09/21/21 15:14	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743534	1	09/21/21 10:35	09/21/21 14:17	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1741904	1	09/16/21 20:13	09/20/21 08:43	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1743816	1	09/24/21 07:47	09/24/21 16:35	JAS	Mt. Juliet, TN

CS-21 (0.5') L1403745-21 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743228	1	09/21/21 15:06	09/21/21 15:14	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743534	1	09/21/21 10:35	09/21/21 14:26	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1741904	1	09/16/21 20:13	09/20/21 10:31	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1743816	1	09/24/21 07:47	09/24/21 15:46	JAS	Mt. Juliet, TN

CS-22 (0.5') L1403745-22 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743228	1	09/21/21 15:06	09/21/21 15:14	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743534	1	09/21/21 10:35	09/21/21 14:36	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1741904	1	09/16/21 20:13	09/20/21 10:53	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1743816	1	09/24/21 07:47	09/24/21 17:13	JAS	Mt. Juliet, TN

CS-23 (0.5') L1403745-23 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743228	1	09/21/21 15:06	09/21/21 15:14	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743534	1	09/21/21 10:35	09/21/21 14:45	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1741904	1	09/16/21 20:13	09/20/21 11:14	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1743816	1	09/24/21 07:47	09/24/21 17:00	JAS	Mt. Juliet, TN

CS-24 (0.5') L1403745-24 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743228	1	09/21/21 15:06	09/21/21 15:14	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743534	1	09/21/21 10:35	09/21/21 14:55	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1741904	1	09/16/21 20:13	09/20/21 11:36	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1743816	1	09/24/21 07:47	09/24/21 16:11	JAS	Mt. Juliet, TN

CS-25 (0.5') L1403745-25 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743228	1	09/21/21 15:06	09/21/21 15:14	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743534	1	09/21/21 10:35	09/21/21 15:04	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1741904	1	09/16/21 22:41	09/20/21 11:57	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1743816	10	09/24/21 07:47	09/25/21 12:34	JAS	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

CS-26 (0.5') L1403745-26 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743228	1	09/21/21 15:06	09/21/21 15:14	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743534	1	09/21/21 10:35	09/21/21 15:14	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1741904	1	09/16/21 22:41	09/20/21 12:19	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1744956	1	09/22/21 08:03	09/23/21 11:44	JAS	Mt. Juliet, TN

CS-27 (0.5') L1403745-27 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743228	1	09/21/21 15:06	09/21/21 15:14	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743534	1	09/21/21 10:35	09/21/21 15:23	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1741904	1	09/16/21 22:41	09/20/21 12:40	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1744956	1	09/22/21 08:03	09/23/21 10:13	JAS	Mt. Juliet, TN

CS-28 (0.5') L1403745-28 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743228	1	09/21/21 15:06	09/21/21 15:14	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743534	1	09/21/21 10:35	09/21/21 15:43	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1741904	1	09/16/21 22:41	09/20/21 13:02	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1744956	1	09/22/21 08:03	09/23/21 10:26	JAS	Mt. Juliet, TN

CS-29 (0.5') L1403745-29 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743228	1	09/21/21 15:06	09/21/21 15:14	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743534	1	09/21/21 10:35	09/21/21 16:11	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1741904	1	09/16/21 22:41	09/20/21 13:23	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1744956	1	09/22/21 08:03	09/23/21 10:38	JAS	Mt. Juliet, TN

CS-30 (0.5') L1403745-30 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743417	1	09/21/21 14:53	09/21/21 15:03	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743534	1	09/21/21 10:35	09/21/21 16:21	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742387	1	09/16/21 22:41	09/23/21 19:15	MGF	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1744396	1	09/22/21 11:33	09/22/21 16:52	JAS	Mt. Juliet, TN

CS-31 (0.5') L1403745-31 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743417	1	09/21/21 14:53	09/21/21 15:03	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743534	1	09/21/21 10:35	09/21/21 16:30	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742387	1	09/16/21 22:41	09/23/21 19:39	MGF	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1744396	1	09/22/21 11:33	09/22/21 17:06	JAS	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

CS-32 (0.5') L1403745-32 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743417	1	09/21/21 14:53	09/21/21 15:03	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743534	1	09/21/21 10:35	09/21/21 16:40	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742387	1	09/16/21 22:41	09/23/21 20:03	MGF	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1744396	1	09/22/21 11:33	09/22/21 18:54	JAS	Mt. Juliet, TN

CS-33 (0.5') L1403745-33 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743417	1	09/21/21 14:53	09/21/21 15:03	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743534	1	09/21/21 10:35	09/21/21 16:49	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742387	1.01	09/16/21 22:41	09/23/21 20:26	MGF	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1744396	1	09/22/21 11:33	09/22/21 18:41	JAS	Mt. Juliet, TN

CS-34 (0.5') L1403745-34 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743417	1	09/21/21 14:53	09/21/21 15:03	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743534	1	09/21/21 10:35	09/21/21 16:59	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742387	1	09/16/21 22:41	09/23/21 20:50	MGF	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1744396	1	09/22/21 11:33	09/22/21 18:14	JAS	Mt. Juliet, TN

CS-35 (0.5') L1403745-35 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743417	1	09/21/21 14:53	09/21/21 15:03	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743541	1	09/21/21 14:38	09/21/21 17:48	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742387	1	09/16/21 22:41	09/23/21 21:14	MGF	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1744396	1	09/22/21 11:33	09/22/21 18:27	JAS	Mt. Juliet, TN

CS-36 (0.5') L1403745-36 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743417	1	09/21/21 14:53	09/21/21 15:03	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743541	1	09/21/21 14:38	09/21/21 17:58	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742387	1	09/16/21 22:41	09/23/21 21:38	MGF	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1746477	1.03	09/27/21 15:49	09/28/21 02:58	JN	Mt. Juliet, TN

CS-37 (0.5') L1403745-37 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743417	1	09/21/21 14:53	09/21/21 15:03	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743541	1	09/21/21 14:38	09/21/21 18:07	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742387	1	09/16/21 22:41	09/23/21 22:01	MGF	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1746477	1	09/27/21 15:49	09/28/21 03:38	JN	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

CS-38 (0.5') L1403745-38 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743417	1	09/21/21 14:53	09/21/21 15:03	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743541	1	09/21/21 14:38	09/21/21 18:45	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742387	1	09/16/21 22:41	09/23/21 22:25	MGF	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1746477	1	09/27/21 15:49	09/28/21 03:52	JN	Mt. Juliet, TN

CS-39 (0.5') L1403745-39 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743417	1	09/21/21 14:53	09/21/21 15:03	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743541	1	09/21/21 14:38	09/21/21 18:55	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742387	1	09/16/21 22:41	09/23/21 22:49	MGF	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1746477	1.02	09/27/21 15:49	09/28/21 04:05	JN	Mt. Juliet, TN

CS-40 (0.5') L1403745-40 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743418	1	09/21/21 14:02	09/21/21 14:11	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743541	1	09/21/21 14:38	09/21/21 19:23	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742387	1	09/16/21 22:41	09/23/21 23:13	MGF	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1746477	1.01	09/27/21 15:49	09/28/21 04:19	JN	Mt. Juliet, TN

CS-41 (0.5') L1403745-41 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743418	1	09/21/21 14:02	09/21/21 14:11	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743541	1	09/21/21 14:38	09/21/21 19:33	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742387	1	09/16/21 22:41	09/23/21 23:36	MGF	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1746477	1	09/27/21 15:49	09/28/21 02:44	JN	Mt. Juliet, TN

CS-42 (0.5') L1403745-42 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743418	1	09/21/21 14:02	09/21/21 14:11	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743541	1	09/21/21 14:38	09/21/21 19:42	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742387	1	09/16/21 22:41	09/24/21 00:00	MGF	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1746477	1	09/27/21 15:49	09/28/21 04:32	JN	Mt. Juliet, TN

CS-43 (0.5') L1403745-43 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743418	1	09/21/21 14:02	09/21/21 14:11	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743541	1	09/21/21 14:38	09/21/21 19:52	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742387	1	09/16/21 22:41	09/24/21 00:24	MGF	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1746477	1	09/27/21 15:49	09/28/21 00:43	JN	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

CS-44 (0.5') L1403745-44 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743418	1	09/21/21 14:02	09/21/21 14:11	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743541	1	09/21/21 14:38	09/21/21 20:02	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742387	1.01	09/16/21 22:41	09/24/21 00:48	MGF	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1746477	1.02	09/27/21 15:49	09/28/21 00:56	JN	Mt. Juliet, TN

CS-45 (0.5') L1403745-45 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743418	1	09/21/21 14:02	09/21/21 14:11	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743541	1	09/21/21 14:38	09/21/21 20:11	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1746527	1	09/17/21 17:44	09/27/21 05:50	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1746477	1	09/27/21 15:49	09/28/21 01:10	JN	Mt. Juliet, TN

CS-46 (0.5') L1403745-46 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743418	1	09/21/21 14:02	09/21/21 14:11	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743541	1	09/21/21 14:38	09/21/21 20:21	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742387	1	09/17/21 17:44	09/24/21 01:35	MGF	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1746477	1	09/27/21 15:49	09/28/21 04:46	JN	Mt. Juliet, TN

CS-47 (0.5') L1403745-47 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743418	1	09/21/21 14:02	09/21/21 14:11	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743541	1	09/21/21 14:38	09/21/21 20:30	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742387	1	09/17/21 17:44	09/24/21 01:58	MGF	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1746477	1	09/27/21 15:49	09/28/21 05:00	JN	Mt. Juliet, TN

CS-48 (0.5') L1403745-48 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743418	1	09/21/21 14:02	09/21/21 14:11	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743541	1	09/21/21 14:38	09/21/21 20:49	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742387	1	09/17/21 17:44	09/24/21 02:22	MGF	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1746477	1	09/27/21 15:49	09/28/21 05:13	JN	Mt. Juliet, TN

CS-49 (0.5') L1403745-49 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743418	1	09/21/21 14:02	09/21/21 14:11	RGP	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743541	1	09/21/21 14:38	09/21/21 21:18	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742387	1	09/17/21 17:44	09/24/21 02:46	MGF	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1746477	1	09/27/21 15:49	09/28/21 05:27	JN	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

CS-50 (0.5') L1403745-50 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743419	1	09/21/21 11:02	09/21/21 11:06	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743541	1	09/21/21 14:38	09/21/21 21:27	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742389	1	09/17/21 17:44	09/20/21 04:04	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1746477	1.02	09/27/21 15:49	09/28/21 02:17	JN	Mt. Juliet, TN

CS-51 (0.5') L1403745-51 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743419	1	09/21/21 11:02	09/21/21 11:06	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743541	1	09/21/21 14:38	09/21/21 21:37	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742389	1.01	09/17/21 17:44	09/20/21 04:28	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1746477	1	09/27/21 15:49	09/28/21 02:31	JN	Mt. Juliet, TN

CS-52 (0.5') L1403745-52 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743419	1	09/21/21 11:02	09/21/21 11:06	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743541	1	09/21/21 14:38	09/21/21 21:46	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742389	1.01	09/17/21 17:44	09/20/21 04:52	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1746477	1	09/27/21 15:49	09/28/21 01:50	JN	Mt. Juliet, TN

CS-53 (0.5') L1403745-53 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743419	1	09/21/21 11:02	09/21/21 11:06	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743541	1	09/21/21 14:38	09/21/21 21:56	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742389	1	09/17/21 17:44	09/20/21 05:16	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1746477	1	09/27/21 15:49	09/28/21 02:04	JN	Mt. Juliet, TN

CS-54 (0.5') L1403745-54 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743419	1	09/21/21 11:02	09/21/21 11:06	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743541	1	09/21/21 14:38	09/21/21 22:05	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742389	1	09/17/21 17:44	09/20/21 05:40	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1746477	1	09/27/21 15:49	09/28/21 01:23	JN	Mt. Juliet, TN

CS-55 (0.5') L1403745-55 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743419	1	09/21/21 11:02	09/21/21 11:06	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743994	1	09/22/21 01:08	09/22/21 03:20	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742389	1.01	09/17/21 17:44	09/20/21 06:04	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1746477	1	09/27/21 15:49	09/28/21 01:37	JN	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

CS-56 (0.5') L1403745-56 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743419	1	09/21/21 11:02	09/21/21 11:06	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743994	1	09/22/21 01:08	09/22/21 03:29	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742389	1	09/17/21 17:44	09/20/21 06:28	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745062	1	09/24/21 08:56	09/24/21 16:03	WCR	Mt. Juliet, TN

CS-57 (0.5') L1403745-57 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743419	1	09/21/21 11:02	09/21/21 11:06	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743994	1	09/22/21 01:08	09/22/21 03:39	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742389	1.01	09/17/21 17:44	09/20/21 06:51	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745062	1	09/24/21 08:56	09/24/21 16:16	WCR	Mt. Juliet, TN

CS-58 (0.5') L1403745-58 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743419	1	09/21/21 11:02	09/21/21 11:06	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743994	1	09/22/21 01:08	09/22/21 04:17	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742389	1	09/17/21 17:44	09/20/21 07:15	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745062	1	09/24/21 08:56	09/24/21 16:29	WCR	Mt. Juliet, TN

CS-59 (0.5') L1403745-59 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743419	1	09/21/21 11:02	09/21/21 11:06	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743994	1	09/22/21 01:08	09/22/21 04:26	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742389	1	09/17/21 17:44	09/20/21 07:38	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745062	1	09/24/21 08:56	09/24/21 16:42	WCR	Mt. Juliet, TN

CS-60 (0.5') L1403745-60 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743486	1	09/21/21 10:56	09/21/21 11:01	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743994	1	09/22/21 01:08	09/22/21 04:55	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742389	1	09/17/21 17:44	09/20/21 08:02	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745062	1	09/24/21 08:56	09/24/21 16:55	WCR	Mt. Juliet, TN

CS-61 (0.5') L1403745-61 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743486	1	09/21/21 10:56	09/21/21 11:01	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743994	1	09/22/21 01:08	09/22/21 05:04	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742389	1	09/17/21 17:44	09/20/21 08:25	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745062	1	09/24/21 08:56	09/24/21 17:08	WCR	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

SW-1 L1403745-62 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743486	1	09/21/21 10:56	09/21/21 11:01	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743994	1	09/22/21 01:08	09/22/21 05:14	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742389	1	09/17/21 17:44	09/20/21 08:49	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745062	1	09/24/21 08:56	09/24/21 17:21	WCR	Mt. Juliet, TN

SW-2 L1403745-63 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743486	1	09/21/21 10:56	09/21/21 11:01	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743994	1	09/22/21 01:08	09/22/21 05:24	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742389	1	09/17/21 17:44	09/20/21 09:13	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745062	1	09/24/21 08:56	09/24/21 17:34	WCR	Mt. Juliet, TN

SW-3 L1403745-64 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743486	1	09/21/21 10:56	09/21/21 11:01	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743994	1	09/22/21 01:08	09/22/21 05:33	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742389	1	09/17/21 17:44	09/20/21 09:37	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745062	1	09/24/21 08:56	09/24/21 17:47	WCR	Mt. Juliet, TN

SW-4 L1403745-65 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743486	1	09/21/21 10:56	09/21/21 11:01	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743994	1	09/22/21 01:08	09/22/21 05:43	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742389	1	09/17/21 20:16	09/20/21 10:00	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745062	1	09/24/21 08:56	09/24/21 18:00	WCR	Mt. Juliet, TN

SW-5 L1403745-66 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743486	1	09/21/21 10:56	09/21/21 11:01	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743994	1	09/22/21 01:08	09/22/21 05:52	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742389	1	09/17/21 20:16	09/20/21 10:24	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745062	1	09/24/21 08:56	09/24/21 18:13	WCR	Mt. Juliet, TN

SW-6 L1403745-67 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743486	1	09/21/21 10:56	09/21/21 11:01	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743994	1	09/22/21 01:08	09/22/21 06:02	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742389	1	09/17/21 20:16	09/20/21 10:48	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745062	1	09/24/21 08:56	09/24/21 20:10	WCR	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

SW-7 L1403745-68 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743486	1	09/21/21 10:56	09/21/21 11:01	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743994	1	09/22/21 01:08	09/22/21 06:21	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742389	1.01	09/17/21 20:16	09/20/21 11:12	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745062	1	09/24/21 08:56	09/24/21 20:36	WCR	Mt. Juliet, TN

SW-8 L1403745-69 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743486	1	09/21/21 10:56	09/21/21 11:01	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743994	1	09/22/21 01:08	09/22/21 06:49	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742389	1	09/17/21 20:16	09/20/21 11:35	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745062	1	09/24/21 08:56	09/24/21 19:05	WCR	Mt. Juliet, TN

SW-9 L1403745-70 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743487	1	09/21/21 10:50	09/21/21 10:55	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743994	1	09/22/21 01:08	09/22/21 06:59	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742423	1	09/17/21 20:16	09/21/21 02:56	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745062	1	09/24/21 08:56	09/24/21 19:44	WCR	Mt. Juliet, TN

SW-10 L1403745-71 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743487	1	09/21/21 10:50	09/21/21 10:55	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743994	1	09/22/21 01:08	09/22/21 07:08	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742423	1	09/17/21 20:16	09/21/21 03:17	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745062	1	09/24/21 08:56	09/24/21 19:57	WCR	Mt. Juliet, TN

SW-11 L1403745-72 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743487	1	09/21/21 10:50	09/21/21 10:55	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743994	1	09/22/21 01:08	09/22/21 07:18	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742423	1	09/17/21 20:16	09/21/21 03:39	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745062	1	09/24/21 08:56	09/24/21 18:26	WCR	Mt. Juliet, TN

SW-12 L1403745-73 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743487	1	09/21/21 10:50	09/21/21 10:55	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743994	1	09/22/21 01:08	09/22/21 07:27	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742423	1	09/17/21 20:16	09/21/21 04:01	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745062	1	09/24/21 08:56	09/24/21 20:23	WCR	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

SW-13 L1403745-74 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743487	1	09/21/21 10:50	09/21/21 10:55	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1743994	1	09/22/21 01:08	09/22/21 07:37	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742423	1	09/17/21 20:16	09/21/21 04:22	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745062	1	09/24/21 08:56	09/24/21 18:39	WCR	Mt. Juliet, TN

SW-14 L1403745-75 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743487	1	09/21/21 10:50	09/21/21 10:55	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1744000	1	09/21/21 19:10	09/21/21 23:47	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742423	1	09/17/21 20:16	09/21/21 04:44	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745062	1	09/24/21 08:56	09/24/21 18:52	WCR	Mt. Juliet, TN

SW-15 L1403745-76 Solid

Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743487	1	09/21/21 10:50	09/21/21 10:55	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1744000	1	09/21/21 19:10	09/22/21 00:03	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742423	1	09/17/21 20:16	09/21/21 05:05	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745063	1	09/24/21 08:51	09/25/21 14:13	WCR	Mt. Juliet, TN

SW-16 L1403745-77 Solid

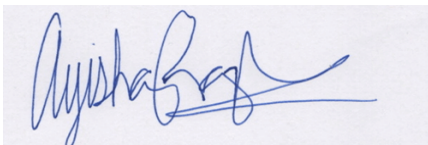
Collected by
ES

Collected date/time
09/13/21 00:00

Received date/time
09/15/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1743487	1	09/21/21 10:50	09/21/21 10:55	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1744000	1	09/21/21 19:10	09/22/21 00:20	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1742423	1	09/17/21 20:16	09/21/21 05:27	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1745063	1	09/24/21 08:51	09/25/21 10:11	WCR	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.



Ayisha Raza
Project Manager

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	93.5		1	09/21/2021 15:35	WG1743226

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	10.6	J	9.84	21.4	1	09/20/2021 01:30	WG1741832

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000128	0.000535	1	09/21/2021 16:43	WG1743519
Toluene	U		0.000160	0.00535	1	09/21/2021 16:43	WG1743519
Ethylbenzene	U		0.000118	0.000535	1	09/21/2021 16:43	WG1743519
Total Xylene	U		0.000492	0.00160	1	09/21/2021 16:43	WG1743519
TPH (GC/FID) Low Fraction	U		0.0232	0.107	1	09/21/2021 16:43	WG1743519
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/21/2021 16:43	WG1743519
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128		09/21/2021 16:43	WG1743519

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.72	4.28	1	09/24/2021 15:14	WG1743809
C28-C36 Motor Oil Range	2.26	J	0.293	4.28	1	09/24/2021 15:14	WG1743809
(S) o-Terphenyl	62.8			18.0-148		09/24/2021 15:14	WG1743809

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	94.1		1	09/21/2021 15:35	WG1743226

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	U		9.78	21.3	1	09/20/2021 01:40	WG1741832

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000128	0.000531	1	09/21/2021 17:05	WG1743519
Toluene	U		0.000159	0.00531	1	09/21/2021 17:05	WG1743519
Ethylbenzene	U		0.000117	0.000531	1	09/21/2021 17:05	WG1743519
Total Xylene	U		0.000489	0.00159	1	09/21/2021 17:05	WG1743519
TPH (GC/FID) Low Fraction	U		0.0231	0.106	1	09/21/2021 17:05	WG1743519
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/21/2021 17:05	WG1743519
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		09/21/2021 17:05	WG1743519

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.71	4.25	1	09/24/2021 15:54	WG1743809
C28-C36 Motor Oil Range	2.31	J	0.291	4.25	1	09/24/2021 15:54	WG1743809
(S) o-Terphenyl	68.6			18.0-148		09/24/2021 15:54	WG1743809

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	93.9		1	09/21/2021 15:35	WG1743226

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	U		9.79	21.3	1	09/20/2021 02:08	WG1741832

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000128	0.000532	1	09/21/2021 17:26	WG1743519
Toluene	U		0.000160	0.00532	1	09/21/2021 17:26	WG1743519
Ethylbenzene	U		0.000117	0.000532	1	09/21/2021 17:26	WG1743519
Total Xylene	U		0.000490	0.00160	1	09/21/2021 17:26	WG1743519
TPH (GC/FID) Low Fraction	U		0.0231	0.106	1	09/21/2021 17:26	WG1743519
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/21/2021 17:26	WG1743519
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128		09/21/2021 17:26	WG1743519

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.71	4.26	1	09/24/2021 16:08	WG1743809
C28-C36 Motor Oil Range	2.32	<u>J</u>	0.292	4.26	1	09/24/2021 16:08	WG1743809
(S) o-Terphenyl	66.5			18.0-148		09/24/2021 16:08	WG1743809

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	94.4		1	09/21/2021 15:35	WG1743226

Wet Chemistry by Method 300.0

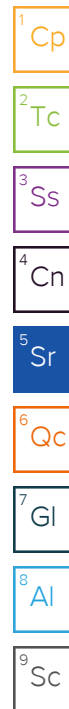
Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	U		9.74	21.2	1	09/21/2021 01:31	WG1743212

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000127	0.000530	1	09/21/2021 17:48	WG1743519
Toluene	U		0.000159	0.00530	1	09/21/2021 17:48	WG1743519
Ethylbenzene	U		0.000117	0.000530	1	09/21/2021 17:48	WG1743519
Total Xylene	U		0.000487	0.00159	1	09/21/2021 17:48	WG1743519
TPH (GC/FID) Low Fraction	U		0.0230	0.106	1	09/21/2021 17:48	WG1743519
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/21/2021 17:48	WG1743519
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128		09/21/2021 17:48	WG1743519

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.71	4.24	1	09/24/2021 16:21	WG1743809
C28-C36 Motor Oil Range	2.70	<u>J</u>	0.290	4.24	1	09/24/2021 16:21	WG1743809
(S) o-Terphenyl	62.2			18.0-148		09/24/2021 16:21	WG1743809



Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	94.5		1	09/21/2021 15:35	WG1743226

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	U		9.74	21.2	1	09/21/2021 01:40	WG1743212

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000127	0.000529	1	09/21/2021 18:34	WG1743519
Toluene	U		0.000159	0.00529	1	09/21/2021 18:34	WG1743519
Ethylbenzene	U		0.000116	0.000529	1	09/21/2021 18:34	WG1743519
Total Xylene	U		0.000487	0.00159	1	09/21/2021 18:34	WG1743519
TPH (GC/FID) Low Fraction	U		0.0230	0.106	1	09/21/2021 18:34	WG1743519
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/21/2021 18:34	WG1743519
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128		09/21/2021 18:34	WG1743519

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.70	4.23	1	09/24/2021 16:35	WG1743809
C28-C36 Motor Oil Range	3.17	J	0.290	4.23	1	09/24/2021 16:35	WG1743809
(S) o-Terphenyl	62.9			18.0-148		09/24/2021 16:35	WG1743809

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.2		1	09/21/2021 15:35	WG1743226

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	U		9.66	21.0	1	09/21/2021 01:50	WG1743212

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
	mg/kg		mg/kg	mg/kg			
Benzene	U		0.000126	0.000525	1	09/21/2021 18:55	WG1743519
Toluene	U		0.000158	0.00525	1	09/21/2021 18:55	WG1743519
Ethylbenzene	U		0.000116	0.000525	1	09/21/2021 18:55	WG1743519
Total Xylene	U		0.000483	0.00158	1	09/21/2021 18:55	WG1743519
TPH (GC/FID) Low Fraction	U		0.0228	0.105	1	09/21/2021 18:55	WG1743519
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/21/2021 18:55	WG1743519
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128		09/21/2021 18:55	WG1743519

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
	mg/kg		mg/kg	mg/kg			
C10-C28 Diesel Range	U		1.69	4.20	1	09/24/2021 13:17	WG1743816
C28-C36 Motor Oil Range	1.96	B J	0.288	4.20	1	09/24/2021 13:17	WG1743816
(S) o-Terphenyl	90.6			18.0-148		09/24/2021 13:17	WG1743816

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	94.2		1	09/21/2021 15:35	WG1743226

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	U		9.76	21.2	1	09/21/2021 01:59	WG1743212

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	U		0.000127	0.000531	1	09/21/2021 19:22	WG1743519
Toluene	U		0.000159	0.00531	1	09/21/2021 19:22	WG1743519
Ethylbenzene	U		0.000117	0.000531	1	09/21/2021 19:22	WG1743519
Total Xylene	U		0.000488	0.00159	1	09/21/2021 19:22	WG1743519
TPH (GC/FID) Low Fraction	U		0.0230	0.106	1	09/21/2021 19:22	WG1743519
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/21/2021 19:22	WG1743519
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128		09/21/2021 19:22	WG1743519

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.71	4.24	1	09/24/2021 13:29	WG1743816
C28-C36 Motor Oil Range	3.45	B J	0.291	4.24	1	09/24/2021 13:29	WG1743816
(S) o-Terphenyl	93.0			18.0-148		09/24/2021 13:29	WG1743816

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	94.5		1	09/21/2021 15:35	WG1743226

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		9.73	21.2	1	09/21/2021 02:09	WG1743212

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000127	0.000529	1	09/21/2021 19:44	WG1743519
Toluene	U		0.000159	0.00529	1	09/21/2021 19:44	WG1743519
Ethylbenzene	U		0.000116	0.000529	1	09/21/2021 19:44	WG1743519
Total Xylene	U		0.000487	0.00159	1	09/21/2021 19:44	WG1743519
TPH (GC/FID) Low Fraction	U		0.0230	0.106	1	09/21/2021 19:44	WG1743519
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/21/2021 19:44	WG1743519
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128		09/21/2021 19:44	WG1743519

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.70	4.23	1	09/24/2021 13:41	WG1743816
C28-C36 Motor Oil Range	3.23	B J	0.290	4.23	1	09/24/2021 13:41	WG1743816
(S) o-Terphenyl	92.7			18.0-148		09/24/2021 13:41	WG1743816

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	94.3		1	09/21/2021 15:35	WG1743226

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	U		9.75	21.2	1	09/21/2021 02:47	WG1743212

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
	mg/kg		mg/kg	mg/kg			
Benzene	U		0.000127	0.000530	1	09/21/2021 20:05	WG1743519
Toluene	U		0.000159	0.00530	1	09/21/2021 20:05	WG1743519
Ethylbenzene	U		0.000117	0.000530	1	09/21/2021 20:05	WG1743519
Total Xylene	U		0.000488	0.00159	1	09/21/2021 20:05	WG1743519
TPH (GC/FID) Low Fraction	U		0.0230	0.106	1	09/21/2021 20:05	WG1743519
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/21/2021 20:05	WG1743519
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128		09/21/2021 20:05	WG1743519

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
	mg/kg		mg/kg	mg/kg			
C10-C28 Diesel Range	U		1.71	4.24	1	09/24/2021 14:06	WG1743816
C28-C36 Motor Oil Range	3.20	B J	0.290	4.24	1	09/24/2021 14:06	WG1743816
(S) o-Terphenyl	92.5			18.0-148		09/24/2021 14:06	WG1743816

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	94.8		1	09/21/2021 15:25	WG1743227

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	410		9.70	21.1	1	09/21/2021 02:56	WG1743212

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000127	0.000527	1	09/20/2021 04:32	WG1741904
Toluene	U		0.000158	0.00527	1	09/20/2021 04:32	WG1741904
Ethylbenzene	U		0.000116	0.000527	1	09/20/2021 04:32	WG1741904
Total Xylene	U		0.000485	0.00158	1	09/20/2021 04:32	WG1741904
TPH (GC/FID) Low Fraction	U		0.0229	0.105	1	09/20/2021 04:32	WG1741904
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120		09/20/2021 04:32	WG1741904
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128		09/20/2021 04:32	WG1741904

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	13.2		1.70	4.22	1	09/24/2021 17:25	WG1743816
C28-C36 Motor Oil Range	23.6		0.289	4.22	1	09/24/2021 17:25	WG1743816
(S) o-Terphenyl	64.7			18.0-148		09/24/2021 17:25	WG1743816

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	97.3		1	09/21/2021 15:25	WG1743227

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	29.9		9.45	20.6	1	09/21/2021 03:05	WG1743212

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000123	0.000514	1	09/20/2021 05:30	WG1741904
Toluene	U		0.000154	0.00514	1	09/20/2021 05:30	WG1741904
Ethylbenzene	U		0.000113	0.000514	1	09/20/2021 05:30	WG1741904
Total Xylene	U		0.000473	0.00154	1	09/20/2021 05:30	WG1741904
TPH (GC/FID) Low Fraction	U		0.0223	0.103	1	09/20/2021 05:30	WG1741904
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120		09/20/2021 05:30	WG1741904
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		09/20/2021 05:30	WG1741904

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	2.07	<u>J</u>	1.65	4.11	1	09/24/2021 13:54	WG1743816
C28-C36 Motor Oil Range	3.11	<u>B J</u>	0.282	4.11	1	09/24/2021 13:54	WG1743816
(S) o-Terphenyl	90.1			18.0-148		09/24/2021 13:54	WG1743816

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	97.2		1	09/21/2021 15:25	WG1743227

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	23.7		9.47	20.6	1	09/21/2021 03:15	WG1743212

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000123	0.000514	1	09/20/2021 05:51	WG1741904
Toluene	U		0.000154	0.00514	1	09/20/2021 05:51	WG1741904
Ethylbenzene	U		0.000113	0.000514	1	09/20/2021 05:51	WG1741904
Total Xylene	U		0.000473	0.00154	1	09/20/2021 05:51	WG1741904
TPH (GC/FID) Low Fraction	U		0.0223	0.103	1	09/20/2021 05:51	WG1741904
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120		09/20/2021 05:51	WG1741904
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		09/20/2021 05:51	WG1741904

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	2.27	<u>J</u>	1.66	4.12	1	09/24/2021 14:19	WG1743816
C28-C36 Motor Oil Range	3.61	<u>B J</u>	0.282	4.12	1	09/24/2021 14:19	WG1743816
(S) o-Terphenyl	97.9			18.0-148		09/24/2021 14:19	WG1743816

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	94.6		1	09/21/2021 15:25	WG1743227

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	209		9.73	21.1	1	09/21/2021 03:24	WG1743212

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000127	0.000529	1	09/20/2021 06:13	WG1741904
Toluene	U		0.000159	0.00529	1	09/20/2021 06:13	WG1741904
Ethylbenzene	U		0.000116	0.000529	1	09/20/2021 06:13	WG1741904
Total Xylene	U		0.000486	0.00159	1	09/20/2021 06:13	WG1741904
TPH (GC/FID) Low Fraction	U		0.0229	0.106	1	09/20/2021 06:13	WG1741904
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120		09/20/2021 06:13	WG1741904
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		09/20/2021 06:13	WG1741904

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	2.80	J	1.70	4.23	1	09/24/2021 16:48	WG1743816
C28-C36 Motor Oil Range	11.1		0.290	4.23	1	09/24/2021 16:48	WG1743816
(S) o-Terphenyl	94.2			18.0-148		09/24/2021 16:48	WG1743816

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	97.1		1	09/21/2021 15:25	WG1743227

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	25.1		9.47	20.6	1	09/21/2021 03:34	WG1743212

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	U		0.000124	0.000515	1	09/20/2021 06:34	WG1741904
Toluene	U		0.000154	0.00515	1	09/20/2021 06:34	WG1741904
Ethylbenzene	U		0.000113	0.000515	1	09/20/2021 06:34	WG1741904
Total Xylene	U		0.000474	0.00154	1	09/20/2021 06:34	WG1741904
TPH (GC/FID) Low Fraction	U		0.0223	0.103	1	09/20/2021 06:34	WG1741904
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120		09/20/2021 06:34	WG1741904
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		09/20/2021 06:34	WG1741904

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	2.15	<u>J</u>	1.66	4.12	1	09/24/2021 15:58	WG1743816
C28-C36 Motor Oil Range	4.06	<u>B J</u>	0.282	4.12	1	09/24/2021 15:58	WG1743816
(S) o-Terphenyl	92.9			18.0-148		09/24/2021 15:58	WG1743816

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	94.4		1	09/21/2021 15:25	WG1743227

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	195		9.74	21.2	1	09/21/2021 12:42	WG1743534

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	U		0.000127	0.000530	1	09/20/2021 06:56	WG1741904
Toluene	U		0.000159	0.00530	1	09/20/2021 06:56	WG1741904
Ethylbenzene	U		0.000116	0.000530	1	09/20/2021 06:56	WG1741904
Total Xylene	U		0.000487	0.00159	1	09/20/2021 06:56	WG1741904
TPH (GC/FID) Low Fraction	U		0.0230	0.106	1	09/20/2021 06:56	WG1741904
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120		09/20/2021 06:56	WG1741904
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		09/20/2021 06:56	WG1741904

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.71	4.24	1	09/24/2021 16:23	WG1743816
C28-C36 Motor Oil Range	6.02		0.290	4.24	1	09/24/2021 16:23	WG1743816
(S) o-Terphenyl	92.3			18.0-148		09/24/2021 16:23	WG1743816

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	82.4		1	09/21/2021 15:25	WG1743227

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	179		11.2	24.3	1	09/21/2021 12:51	WG1743534

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000146	0.000607	1	09/20/2021 07:17	WG1741904
Toluene	U		0.000182	0.00607	1	09/20/2021 07:17	WG1741904
Ethylbenzene	U		0.000134	0.000607	1	09/20/2021 07:17	WG1741904
Total Xylene	U		0.000558	0.00182	1	09/20/2021 07:17	WG1741904
TPH (GC/FID) Low Fraction	U		0.0263	0.121	1	09/20/2021 07:17	WG1741904
(S) a,a,a-Trifluorotoluene(FID)	110			77.0-120		09/20/2021 07:17	WG1741904
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		09/20/2021 07:17	WG1741904

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.95	4.86	1	09/24/2021 14:31	WG1743816
C28-C36 Motor Oil Range	2.23	B J	0.333	4.86	1	09/24/2021 14:31	WG1743816
(S) o-Terphenyl	80.1			18.0-148		09/24/2021 14:31	WG1743816

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	79.0		1	09/21/2021 15:25	WG1743227

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	25.3		11.6	25.3	1	09/21/2021 13:01	WG1743534

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000152	0.000633	1	09/20/2021 07:39	WG1741904
Toluene	U		0.000190	0.00633	1	09/20/2021 07:39	WG1741904
Ethylbenzene	U		0.000139	0.000633	1	09/20/2021 07:39	WG1741904
Total Xylene	U		0.000582	0.00190	1	09/20/2021 07:39	WG1741904
TPH (GC/FID) Low Fraction	U		0.0275	0.127	1	09/20/2021 07:39	WG1741904
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120		09/20/2021 07:39	WG1741904
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		09/20/2021 07:39	WG1741904

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		2.04	5.06	1	09/24/2021 14:44	WG1743816
C28-C36 Motor Oil Range	0.834	B J	0.347	5.06	1	09/24/2021 14:44	WG1743816
(S) o-Terphenyl	74.1			18.0-148		09/24/2021 14:44	WG1743816

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	97.4		1	09/21/2021 15:25	WG1743227

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	23.7		9.45	20.5	1	09/21/2021 13:39	WG1743534

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000123	0.000514	1	09/20/2021 08:00	WG1741904
Toluene	U		0.000154	0.00514	1	09/20/2021 08:00	WG1741904
Ethylbenzene	U		0.000113	0.000514	1	09/20/2021 08:00	WG1741904
Total Xylene	U		0.000472	0.00154	1	09/20/2021 08:00	WG1741904
TPH (GC/FID) Low Fraction	U		0.0223	0.103	1	09/20/2021 08:00	WG1741904
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120		09/20/2021 08:00	WG1741904
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		09/20/2021 08:00	WG1741904

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	2.03	<u>J</u>	1.65	4.11	1	09/24/2021 14:56	WG1743816
C28-C36 Motor Oil Range	3.16	<u>B J</u>	0.281	4.11	1	09/24/2021 14:56	WG1743816
(S) o-Terphenyl	89.7			18.0-148		09/24/2021 14:56	WG1743816

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	86.1		1	09/21/2021 15:25	WG1743227

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	70.5		10.7	23.2	1	09/21/2021 13:48	WG1743534

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000139	0.000581	1	09/20/2021 08:22	WG1741904
Toluene	U		0.000174	0.00581	1	09/20/2021 08:22	WG1741904
Ethylbenzene	U		0.000128	0.000581	1	09/20/2021 08:22	WG1741904
Total Xylene	U		0.000534	0.00174	1	09/20/2021 08:22	WG1741904
TPH (GC/FID) Low Fraction	U		0.0252	0.116	1	09/20/2021 08:22	WG1741904
(S) a,a,a-Trifluorotoluene(FID)	110			77.0-120		09/20/2021 08:22	WG1741904
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		09/20/2021 08:22	WG1741904

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.87	4.65	1	09/24/2021 15:33	WG1743816
C28-C36 Motor Oil Range	2.13	B J	0.318	4.65	1	09/24/2021 15:33	WG1743816
(S) o-Terphenyl	71.0			18.0-148		09/24/2021 15:33	WG1743816

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	93.9		1	09/21/2021 15:14	WG1743228

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	233		9.80	21.3	1	09/21/2021 14:17	WG1743534

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	U		0.000128	0.000533	1	09/20/2021 08:43	WG1741904
Toluene	U		0.000160	0.00533	1	09/20/2021 08:43	WG1741904
Ethylbenzene	U		0.000117	0.000533	1	09/20/2021 08:43	WG1741904
Total Xylene	U		0.000490	0.00160	1	09/20/2021 08:43	WG1741904
TPH (GC/FID) Low Fraction	U		0.0231	0.107	1	09/20/2021 08:43	WG1741904
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120		09/20/2021 08:43	WG1741904
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		09/20/2021 08:43	WG1741904

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	2.80	J	1.72	4.26	1	09/24/2021 16:35	WG1743816
C28-C36 Motor Oil Range	6.51		0.292	4.26	1	09/24/2021 16:35	WG1743816
(S) o-Terphenyl	88.7			18.0-148		09/24/2021 16:35	WG1743816

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	96.9		1	09/21/2021 15:14	WG1743228

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	29.8		9.49	20.6	1	09/21/2021 14:26	WG1743534

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	U		0.000124	0.000516	1	09/20/2021 10:31	WG1741904
Toluene	U		0.000155	0.00516	1	09/20/2021 10:31	WG1741904
Ethylbenzene	U		0.000113	0.000516	1	09/20/2021 10:31	WG1741904
Total Xylene	U		0.000475	0.00155	1	09/20/2021 10:31	WG1741904
TPH (GC/FID) Low Fraction	U		0.0224	0.103	1	09/20/2021 10:31	WG1741904
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120		09/20/2021 10:31	WG1741904
(S) a,a,a-Trifluorotoluene(PID)	104			72.0-128		09/20/2021 10:31	WG1741904

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	2.12	<u>J</u>	1.66	4.13	1	09/24/2021 15:46	WG1743816
C28-C36 Motor Oil Range	3.99	<u>B J</u>	0.283	4.13	1	09/24/2021 15:46	WG1743816
(S) o-Terphenyl	93.5			18.0-148		09/24/2021 15:46	WG1743816

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.5		1	09/21/2021 15:14	WG1743228

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	50.6		9.63	20.9	1	09/21/2021 14:36	WG1743534

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	0.000600		0.000126	0.000524	1	09/20/2021 10:53	WG1741904
Toluene	0.000508	J	0.000157	0.00524	1	09/20/2021 10:53	WG1741904
Ethylbenzene	U		0.000115	0.000524	1	09/20/2021 10:53	WG1741904
Total Xylene	U		0.000482	0.00157	1	09/20/2021 10:53	WG1741904
TPH (GC/FID) Low Fraction	U		0.0227	0.105	1	09/20/2021 10:53	WG1741904
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120		09/20/2021 10:53	WG1741904
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		09/20/2021 10:53	WG1741904

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	2.94	J	1.69	4.19	1	09/24/2021 17:13	WG1743816
C28-C36 Motor Oil Range	8.99		0.287	4.19	1	09/24/2021 17:13	WG1743816
(S) o-Terphenyl	97.5			18.0-148		09/24/2021 17:13	WG1743816

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	95.6		1	09/21/2021 15:14	WG1743228

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	67.7		9.63	20.9	1	09/21/2021 14:45	WG1743534

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.000534		0.000126	0.000523	1	09/20/2021 11:14	WG1741904
Toluene	U		0.000157	0.00523	1	09/20/2021 11:14	WG1741904
Ethylbenzene	U		0.000115	0.000523	1	09/20/2021 11:14	WG1741904
Total Xylene	U		0.000481	0.00157	1	09/20/2021 11:14	WG1741904
TPH (GC/FID) Low Fraction	U		0.0227	0.105	1	09/20/2021 11:14	WG1741904
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120		09/20/2021 11:14	WG1741904
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		09/20/2021 11:14	WG1741904

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	1.96	J	1.68	4.19	1	09/24/2021 17:00	WG1743816
C28-C36 Motor Oil Range	6.40		0.287	4.19	1	09/24/2021 17:00	WG1743816
(S) o-Terphenyl	88.3			18.0-148		09/24/2021 17:00	WG1743816

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	94.7		1	09/21/2021 15:14	WG1743228

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	319		9.71	21.1	1	09/21/2021 14:55	WG1743534

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	U		0.000127	0.000528	1	09/20/2021 11:36	WG1741904
Toluene	U		0.000158	0.00528	1	09/20/2021 11:36	WG1741904
Ethylbenzene	U		0.000116	0.000528	1	09/20/2021 11:36	WG1741904
Total Xylene	U		0.000486	0.00158	1	09/20/2021 11:36	WG1741904
TPH (GC/FID) Low Fraction	U		0.0229	0.106	1	09/20/2021 11:36	WG1741904
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120		09/20/2021 11:36	WG1741904
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		09/20/2021 11:36	WG1741904

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.70	4.22	1	09/24/2021 16:11	WG1743816
C28-C36 Motor Oil Range	4.95	<u>B</u>	0.289	4.22	1	09/24/2021 16:11	WG1743816
(S) o-Terphenyl	92.9			18.0-148		09/24/2021 16:11	WG1743816

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.8		1	09/21/2021 15:14	WG1743228

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	77.8		9.60	20.9	1	09/21/2021 15:04	WG1743534

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.000400	J	0.000125	0.000522	1	09/20/2021 11:57	WG1741904
Toluene	0.000591	J	0.000157	0.00522	1	09/20/2021 11:57	WG1741904
Ethylbenzene	U		0.000115	0.000522	1	09/20/2021 11:57	WG1741904
Total Xylene	U		0.000480	0.00157	1	09/20/2021 11:57	WG1741904
TPH (GC/FID) Low Fraction	U		0.0227	0.104	1	09/20/2021 11:57	WG1741904
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120		09/20/2021 11:57	WG1741904
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		09/20/2021 11:57	WG1741904

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	731		16.8	41.8	10	09/25/2021 12:34	WG1743816
C28-C36 Motor Oil Range	443		2.86	41.8	10	09/25/2021 12:34	WG1743816
(S) o-Terphenyl	0.000	J2		18.0-148		09/25/2021 12:34	WG1743816

Sample Narrative:

L1403745-25 WG1743816: Surrogate failure due to matrix interference

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.7		1	09/21/2021 15:14	WG1743228

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	56.6		9.62	20.9	1	09/21/2021 15:14	WG1743534

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	0.000660		0.000125	0.000523	1	09/20/2021 12:19	WG1741904
Toluene	0.000623	J	0.000157	0.00523	1	09/20/2021 12:19	WG1741904
Ethylbenzene	U		0.000115	0.000523	1	09/20/2021 12:19	WG1741904
Total Xylene	U		0.000481	0.00157	1	09/20/2021 12:19	WG1741904
TPH (GC/FID) Low Fraction	U		0.0227	0.105	1	09/20/2021 12:19	WG1741904
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120		09/20/2021 12:19	WG1741904
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		09/20/2021 12:19	WG1741904

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.68	4.18	1	09/23/2021 11:44	WG1744956
C28-C36 Motor Oil Range	4.75		0.286	4.18	1	09/23/2021 11:44	WG1744956
(S) o-Terphenyl	82.2			18.0-148		09/23/2021 11:44	WG1744956

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.0		1	09/21/2021 15:14	WG1743228

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	U		9.68	21.0	1	09/21/2021 15:23	WG1743534

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000126	0.000526	1	09/20/2021 12:40	WG1741904
Toluene	U		0.000158	0.00526	1	09/20/2021 12:40	WG1741904
Ethylbenzene	U		0.000116	0.000526	1	09/20/2021 12:40	WG1741904
Total Xylene	U		0.000484	0.00158	1	09/20/2021 12:40	WG1741904
TPH (GC/FID) Low Fraction	U		0.0228	0.105	1	09/20/2021 12:40	WG1741904
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120		09/20/2021 12:40	WG1741904
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		09/20/2021 12:40	WG1741904

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.69	4.21	1	09/23/2021 10:13	WG1744956
C28-C36 Motor Oil Range	1.16	J	0.288	4.21	1	09/23/2021 10:13	WG1744956
(S) o-Terphenyl	78.2			18.0-148		09/23/2021 10:13	WG1744956

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.9		1	09/21/2021 15:14	WG1743228

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	13.7	J	9.59	20.9	1	09/21/2021 15:43	WG1743534

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000125	0.000521	1	09/20/2021 13:02	WG1741904
Toluene	U		0.000156	0.00521	1	09/20/2021 13:02	WG1741904
Ethylbenzene	U		0.000115	0.000521	1	09/20/2021 13:02	WG1741904
Total Xylene	U		0.000480	0.00156	1	09/20/2021 13:02	WG1741904
TPH (GC/FID) Low Fraction	U		0.0226	0.104	1	09/20/2021 13:02	WG1741904
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120		09/20/2021 13:02	WG1741904
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		09/20/2021 13:02	WG1741904

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.68	4.17	1	09/23/2021 10:26	WG1744956
C28-C36 Motor Oil Range	2.53	J	0.286	4.17	1	09/23/2021 10:26	WG1744956
(S) o-Terphenyl	82.3			18.0-148		09/23/2021 10:26	WG1744956

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.9		1	09/21/2021 15:14	WG1743228

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	U		9.59	20.9	1	09/21/2021 16:11	WG1743534

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000125	0.000521	1	09/20/2021 13:23	WG1741904
Toluene	U		0.000156	0.00521	1	09/20/2021 13:23	WG1741904
Ethylbenzene	U		0.000115	0.000521	1	09/20/2021 13:23	WG1741904
Total Xylene	U		0.000480	0.00156	1	09/20/2021 13:23	WG1741904
TPH (GC/FID) Low Fraction	U		0.0226	0.104	1	09/20/2021 13:23	WG1741904
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120		09/20/2021 13:23	WG1741904
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		09/20/2021 13:23	WG1741904

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.68	4.17	1	09/23/2021 10:38	WG1744956
C28-C36 Motor Oil Range	4.10	J	0.286	4.17	1	09/23/2021 10:38	WG1744956
(S) o-Terphenyl	76.4			18.0-148		09/23/2021 10:38	WG1744956

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.7		1	09/21/2021 15:03	WG1743417

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	U		9.61	20.9	1	09/21/2021 16:21	WG1743534

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	U		0.000125	0.000522	1	09/23/2021 19:15	WG1742387
Toluene	0.000177	B J	0.000157	0.00522	1	09/23/2021 19:15	WG1742387
Ethylbenzene	U		0.000115	0.000522	1	09/23/2021 19:15	WG1742387
Total Xylene	U		0.000481	0.00157	1	09/23/2021 19:15	WG1742387
TPH (GC/FID) Low Fraction	U		0.0227	0.104	1	09/23/2021 19:15	WG1742387
(S) a,a,a-Trifluorotoluene(FID)	99.6			77.0-120		09/23/2021 19:15	WG1742387
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		09/23/2021 19:15	WG1742387

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.68	4.18	1	09/22/2021 16:52	WG1744396
C28-C36 Motor Oil Range	0.584	B J	0.286	4.18	1	09/22/2021 16:52	WG1744396
(S) o-Terphenyl	62.2			18.0-148		09/22/2021 16:52	WG1744396

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	94.6		1	09/21/2021 15:03	WG1743417

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	U		9.72	21.1	1	09/21/2021 16:30	WG1743534

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000127	0.000528	1	09/23/2021 19:39	WG1742387
Toluene	0.000298	B J	0.000159	0.00528	1	09/23/2021 19:39	WG1742387
Ethylbenzene	0.000125	B J	0.000116	0.000528	1	09/23/2021 19:39	WG1742387
Total Xylene	U		0.000486	0.00159	1	09/23/2021 19:39	WG1742387
TPH (GC/FID) Low Fraction	U		0.0229	0.106	1	09/23/2021 19:39	WG1742387
(S) a,a,a-Trifluorotoluene(FID)	99.3			77.0-120		09/23/2021 19:39	WG1742387
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		09/23/2021 19:39	WG1742387

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.70	4.23	1	09/22/2021 17:06	WG1744396
C28-C36 Motor Oil Range	0.885	B J	0.290	4.23	1	09/22/2021 17:06	WG1744396
(S) o-Terphenyl	61.9			18.0-148		09/22/2021 17:06	WG1744396

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	95.5		1	09/21/2021 15:03	WG1743417

1 Cp

2 Tc

3 Ss

4 Cn

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	65.3		9.63	20.9	1	09/21/2021 16:40	WG1743534

5 Sr

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.000378	J	0.000126	0.000524	1	09/23/2021 20:03	WG1742387
Toluene	0.000575	B J	0.000157	0.00524	1	09/23/2021 20:03	WG1742387
Ethylbenzene	0.000180	B J	0.000115	0.000524	1	09/23/2021 20:03	WG1742387
Total Xylene	U		0.000482	0.00157	1	09/23/2021 20:03	WG1742387
TPH (GC/FID) Low Fraction	U		0.0227	0.105	1	09/23/2021 20:03	WG1742387
(S) a,a,a-Trifluorotoluene(FID)	99.5			77.0-120		09/23/2021 20:03	WG1742387
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128		09/23/2021 20:03	WG1742387

6 Qc

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	1.98	B J	1.69	4.19	1	09/22/2021 18:54	WG1744396
C28-C36 Motor Oil Range	2.81	B J	0.287	4.19	1	09/22/2021 18:54	WG1744396
(S) o-Terphenyl	63.1			18.0-148		09/22/2021 18:54	WG1744396

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.4		1	09/21/2021 15:03	WG1743417

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	59.0		9.64	21.0	1	09/21/2021 16:49	WG1743534

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	0.000304	J	0.000127	0.000529	1.01	09/23/2021 20:26	WG1742387
Toluene	0.000530	B J	0.000159	0.00529	1.01	09/23/2021 20:26	WG1742387
Ethylbenzene	0.000273	B J	0.000116	0.000529	1.01	09/23/2021 20:26	WG1742387
Total Xylene	U		0.000487	0.00159	1.01	09/23/2021 20:26	WG1742387
TPH (GC/FID) Low Fraction	U		0.0229	0.106	1.01	09/23/2021 20:26	WG1742387
(S) a,a,a-Trifluorotoluene(FID)	99.2			77.0-120		09/23/2021 20:26	WG1742387
(S) a,a,a-Trifluorotoluene(PID)	101			72.0-128		09/23/2021 20:26	WG1742387

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.69	4.19	1	09/22/2021 18:41	WG1744396
C28-C36 Motor Oil Range	2.81	B J	0.287	4.19	1	09/22/2021 18:41	WG1744396
(S) o-Terphenyl	62.9			18.0-148		09/22/2021 18:41	WG1744396

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.8		1	09/21/2021 15:03	WG1743417

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	115		9.60	20.9	1	09/21/2021 16:59	WG1743534

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.000458	<u>J</u>	0.000125	0.000522	1	09/23/2021 20:50	WG1742387
Toluene	0.00603		0.000157	0.00522	1	09/23/2021 20:50	WG1742387
Ethylbenzene	0.000903	<u>B</u>	0.000115	0.000522	1	09/23/2021 20:50	WG1742387
Total Xylene	0.00437		0.000480	0.00157	1	09/23/2021 20:50	WG1742387
TPH (GC/FID) Low Fraction	U		0.0226	0.104	1	09/23/2021 20:50	WG1742387
(S) a,a,a-Trifluorotoluene(FID)	98.7			77.0-120		09/23/2021 20:50	WG1742387
(S) a,a,a-Trifluorotoluene(PID)	101			72.0-128		09/23/2021 20:50	WG1742387

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.68	4.17	1	09/22/2021 18:14	WG1744396
C28-C36 Motor Oil Range	1.82	<u>B J</u>	0.286	4.17	1	09/22/2021 18:14	WG1744396
(S) o-Terphenyl	62.8			18.0-148		09/22/2021 18:14	WG1744396

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.9		1	09/21/2021 15:03	WG1743417

1 Cp

2 Tc

3 Ss

4 Cn

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	110		9.59	20.9	1	09/21/2021 17:48	WG1743541

5 Sr

6 Qc

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.000292	J	0.000125	0.000521	1	09/23/2021 21:14	WG1742387
Toluene	0.000465	B J	0.000156	0.00521	1	09/23/2021 21:14	WG1742387
Ethylbenzene	0.000182	B J	0.000115	0.000521	1	09/23/2021 21:14	WG1742387
Total Xylene	U		0.000480	0.00156	1	09/23/2021 21:14	WG1742387
TPH (GC/FID) Low Fraction	U		0.0226	0.104	1	09/23/2021 21:14	WG1742387
(S) a,a,a-Trifluorotoluene(FID)	99.2			77.0-120		09/23/2021 21:14	WG1742387
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128		09/23/2021 21:14	WG1742387

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.68	4.17	1	09/22/2021 18:27	WG1744396
C28-C36 Motor Oil Range	2.03	B J	0.286	4.17	1	09/22/2021 18:27	WG1744396
(S) o-Terphenyl	62.7			18.0-148		09/22/2021 18:27	WG1744396

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.8		1	09/21/2021 15:03	WG1743417

1 Cp

2 Tc

3 Ss

4 Cn

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	127		9.60	20.9	1	09/21/2021 17:58	WG1743541

5 Sr

6 Qc

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.000285	J	0.000125	0.000522	1	09/23/2021 21:38	WG1742387
Toluene	0.000453	B J	0.000157	0.00522	1	09/23/2021 21:38	WG1742387
Ethylbenzene	0.000137	B J	0.000115	0.000522	1	09/23/2021 21:38	WG1742387
Total Xylene	0.000495	J	0.000480	0.00157	1	09/23/2021 21:38	WG1742387
TPH (GC/FID) Low Fraction	U		0.0226	0.104	1	09/23/2021 21:38	WG1742387
(S) a,a,a-Trifluorotoluene(FID)	99.3			77.0-120		09/23/2021 21:38	WG1742387
(S) a,a,a-Trifluorotoluene(PID)	101			72.0-128		09/23/2021 21:38	WG1742387

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.73	4.30	1.03	09/28/2021 02:58	WG1746477
C28-C36 Motor Oil Range	3.68	J	0.294	4.30	1.03	09/28/2021 02:58	WG1746477
(S) o-Terphenyl	62.1			18.0-148		09/28/2021 02:58	WG1746477

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.7		1	09/21/2021 15:03	WG1743417

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	105		9.61	20.9	1	09/21/2021 18:07	WG1743541

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	0.000305	<u>J</u>	0.000125	0.000522	1	09/23/2021 22:01	WG1742387
Toluene	0.000425	<u>B J</u>	0.000157	0.00522	1	09/23/2021 22:01	WG1742387
Ethylbenzene	0.000158	<u>B J</u>	0.000115	0.000522	1	09/23/2021 22:01	WG1742387
Total Xylene	U		0.000480	0.00157	1	09/23/2021 22:01	WG1742387
TPH (GC/FID) Low Fraction	U		0.0227	0.104	1	09/23/2021 22:01	WG1742387
(S) a,a,a-Trifluorotoluene(FID)	99.7			77.0-120		09/23/2021 22:01	WG1742387
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128		09/23/2021 22:01	WG1742387

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.68	4.18	1	09/28/2021 03:38	WG1746477
C28-C36 Motor Oil Range	3.50	<u>J</u>	0.286	4.18	1	09/28/2021 03:38	WG1746477
(S) o-Terphenyl	61.7			18.0-148		09/28/2021 03:38	WG1746477

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.7		1	09/21/2021 15:03	WG1743417

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	119		9.61	20.9	1	09/21/2021 18:45	WG1743541

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	0.000357	J	0.000125	0.000523	1	09/23/2021 22:25	WG1742387
Toluene	0.000468	B J	0.000157	0.00523	1	09/23/2021 22:25	WG1742387
Ethylbenzene	0.000126	B J	0.000115	0.000523	1	09/23/2021 22:25	WG1742387
Total Xylene	U		0.000481	0.00157	1	09/23/2021 22:25	WG1742387
TPH (GC/FID) Low Fraction	U		0.0227	0.105	1	09/23/2021 22:25	WG1742387
(S) a,a,a-Trifluorotoluene(FID)	99.3			77.0-120		09/23/2021 22:25	WG1742387
(S) a,a,a-Trifluorotoluene(PID)	101			72.0-128		09/23/2021 22:25	WG1742387

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.68	4.18	1	09/28/2021 03:52	WG1746477
C28-C36 Motor Oil Range	3.38	J	0.286	4.18	1	09/28/2021 03:52	WG1746477
(S) o-Terphenyl	62.2			18.0-148		09/28/2021 03:52	WG1746477

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.8		1	09/21/2021 15:03	WG1743417

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	110		9.61	20.9	1	09/21/2021 18:55	WG1743541

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.000368	<u>J</u>	0.000125	0.000522	1	09/23/2021 22:49	WG1742387
Toluene	0.000540	<u>B J</u>	0.000157	0.00522	1	09/23/2021 22:49	WG1742387
Ethylbenzene	0.000161	<u>B J</u>	0.000115	0.000522	1	09/23/2021 22:49	WG1742387
Total Xylene	U		0.000480	0.00157	1	09/23/2021 22:49	WG1742387
TPH (GC/FID) Low Fraction	U		0.0227	0.104	1	09/23/2021 22:49	WG1742387
(S) a,a,a-Trifluorotoluene(FID)	99.7			77.0-120		09/23/2021 22:49	WG1742387
(S) a,a,a-Trifluorotoluene(PID)	101			72.0-128		09/23/2021 22:49	WG1742387

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.71	4.26	1.02	09/28/2021 04:05	WG1746477
C28-C36 Motor Oil Range	3.30	<u>J</u>	0.291	4.26	1.02	09/28/2021 04:05	WG1746477
(S) o-Terphenyl	61.2			18.0-148		09/28/2021 04:05	WG1746477

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.9		1	09/21/2021 14:11	WG1743418

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	91.8		9.59	20.9	1	09/21/2021 19:23	WG1743541

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	0.000431	<u>J</u>	0.000125	0.000521	1	09/23/2021 23:13	WG1742387
Toluene	0.000696	<u>B J</u>	0.000156	0.00521	1	09/23/2021 23:13	WG1742387
Ethylbenzene	0.000250	<u>B J</u>	0.000115	0.000521	1	09/23/2021 23:13	WG1742387
Total Xylene	U		0.000480	0.00156	1	09/23/2021 23:13	WG1742387
TPH (GC/FID) Low Fraction	U		0.0226	0.104	1	09/23/2021 23:13	WG1742387
(S) a,a,a-Trifluorotoluene(FID)	99.3			77.0-120		09/23/2021 23:13	WG1742387
(S) a,a,a-Trifluorotoluene(PID)	101			72.0-128		09/23/2021 23:13	WG1742387

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	2.86	<u>J</u>	1.70	4.21	1.01	09/28/2021 04:19	WG1746477
C28-C36 Motor Oil Range	6.07		0.289	4.21	1.01	09/28/2021 04:19	WG1746477
(S) o-Terphenyl	68.8			18.0-148		09/28/2021 04:19	WG1746477

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	85.2		1	09/21/2021 14:11	WG1743418

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	129		10.8	23.5	1	09/21/2021 19:33	WG1743541

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
	mg/kg		mg/kg	mg/kg			
Benzene	0.000435	<u>J</u>	0.000141	0.000587	1	09/23/2021 23:36	WG1742387
Toluene	0.000691	<u>B J</u>	0.000176	0.00587	1	09/23/2021 23:36	WG1742387
Ethylbenzene	0.000347	<u>B J</u>	0.000129	0.000587	1	09/23/2021 23:36	WG1742387
Total Xylene	0.000742	<u>J</u>	0.000540	0.00176	1	09/23/2021 23:36	WG1742387
TPH (GC/FID) Low Fraction	U		0.0255	0.117	1	09/23/2021 23:36	WG1742387
(S) a,a,a-Trifluorotoluene(FID)	99.1			77.0-120		09/23/2021 23:36	WG1742387
(S) a,a,a-Trifluorotoluene(PID)	101			72.0-128		09/23/2021 23:36	WG1742387

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
	mg/kg		mg/kg	mg/kg			
C10-C28 Diesel Range	U		1.89	4.70	1	09/28/2021 02:44	WG1746477
C28-C36 Motor Oil Range	0.612	<u>J</u>	0.322	4.70	1	09/28/2021 02:44	WG1746477
(S) o-Terphenyl	49.7			18.0-148		09/28/2021 02:44	WG1746477

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.8		1	09/21/2021 14:11	WG1743418

1 Cp

2 Tc

3 Ss

4 Cn

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	79.4		9.61	20.9	1	09/21/2021 19:42	WG1743541

5 Sr

6 Qc

7 Gl

8 Al

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.000440	J	0.000125	0.000522	1	09/24/2021 00:00	WG1742387
Toluene	0.000669	B J	0.000157	0.00522	1	09/24/2021 00:00	WG1742387
Ethylbenzene	0.000270	B J	0.000115	0.000522	1	09/24/2021 00:00	WG1742387
Total Xylene	U		0.000480	0.00157	1	09/24/2021 00:00	WG1742387
TPH (GC/FID) Low Fraction	U		0.0227	0.104	1	09/24/2021 00:00	WG1742387
(S) a,a,a-Trifluorotoluene(FID)	100			77.0-120		09/24/2021 00:00	WG1742387
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128		09/24/2021 00:00	WG1742387

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.68	4.18	1	09/28/2021 04:32	WG1746477
C28-C36 Motor Oil Range	3.90	J	0.286	4.18	1	09/28/2021 04:32	WG1746477
(S) o-Terphenyl	61.1			18.0-148		09/28/2021 04:32	WG1746477

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	80.9		1	09/21/2021 14:11	WG1743418

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	26.3		11.4	24.7	1	09/21/2021 19:52	WG1743541

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	U		0.000148	0.000618	1	09/24/2021 00:24	WG1742387
Toluene	0.000460	B J	0.000185	0.00618	1	09/24/2021 00:24	WG1742387
Ethylbenzene	0.000167	B J	0.000136	0.000618	1	09/24/2021 00:24	WG1742387
Total Xylene	U		0.000568	0.00185	1	09/24/2021 00:24	WG1742387
TPH (GC/FID) Low Fraction	U		0.0268	0.124	1	09/24/2021 00:24	WG1742387
(S) a,a,a-Trifluorotoluene(FID)	100			77.0-120		09/24/2021 00:24	WG1742387
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		09/24/2021 00:24	WG1742387

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.99	4.94	1	09/28/2021 00:43	WG1746477
C28-C36 Motor Oil Range	U		0.339	4.94	1	09/28/2021 00:43	WG1746477
(S) o-Terphenyl	52.9			18.0-148		09/28/2021 00:43	WG1746477

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	84.5		1	09/21/2021 14:11	WG1743418

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	30.1		10.9	23.7	1	09/21/2021 20:02	WG1743541

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	U		0.000143	0.000597	1.01	09/24/2021 00:48	WG1742387
Toluene	0.000190	B J	0.000180	0.00597	1.01	09/24/2021 00:48	WG1742387
Ethylbenzene	U		0.000131	0.000597	1.01	09/24/2021 00:48	WG1742387
Total Xylene	U		0.000550	0.00180	1.01	09/24/2021 00:48	WG1742387
TPH (GC/FID) Low Fraction	U		0.0259	0.119	1.01	09/24/2021 00:48	WG1742387
(S) a,a,a-Trifluorotoluene(FID)	101			77.0-120		09/24/2021 00:48	WG1742387
(S) a,a,a-Trifluorotoluene(PID)	101			72.0-128		09/24/2021 00:48	WG1742387

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.94	4.83	1.02	09/28/2021 00:56	WG1746477
C28-C36 Motor Oil Range	U		0.330	4.83	1.02	09/28/2021 00:56	WG1746477
(S) o-Terphenyl	51.8			18.0-148		09/28/2021 00:56	WG1746477

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	97.3		1	09/21/2021 14:11	WG1743418

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	29.6		9.45	20.6	1	09/21/2021 20:11	WG1743541

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.000148	<u>J</u>	0.000123	0.000514	1	09/27/2021 05:50	WG1746527
Toluene	0.000295	<u>B J</u>	0.000154	0.00514	1	09/27/2021 05:50	WG1746527
Ethylbenzene	0.000178	<u>B J</u>	0.000113	0.000514	1	09/27/2021 05:50	WG1746527
Total Xylene	U		0.000473	0.00154	1	09/27/2021 05:50	WG1746527
TPH (GC/FID) Low Fraction	U		0.0223	0.103	1	09/27/2021 05:50	WG1746527
(S) a,a,a-Trifluorotoluene(FID)	101			77.0-120		09/27/2021 05:50	WG1746527
(S) a,a,a-Trifluorotoluene(PID)	105			72.0-128		09/27/2021 05:50	WG1746527

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.65	4.11	1	09/28/2021 01:10	WG1746477
C28-C36 Motor Oil Range	0.951	<u>J</u>	0.282	4.11	1	09/28/2021 01:10	WG1746477
(S) o-Terphenyl	64.0			18.0-148		09/28/2021 01:10	WG1746477

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	93.2		1	09/21/2021 14:11	WG1743418

Wet Chemistry by Method 300.0

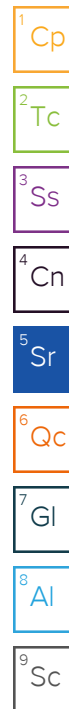
Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	194		9.87	21.5	1	09/21/2021 20:21	WG1743541

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.000218	<u>J</u>	0.000129	0.000537	1	09/24/2021 01:35	WG1742387
Toluene	0.000505	<u>B J</u>	0.000161	0.00537	1	09/24/2021 01:35	WG1742387
Ethylbenzene	0.000148	<u>B J</u>	0.000118	0.000537	1	09/24/2021 01:35	WG1742387
Total Xylene	U		0.000494	0.00161	1	09/24/2021 01:35	WG1742387
TPH (GC/FID) Low Fraction	U		0.0233	0.107	1	09/24/2021 01:35	WG1742387
(S) a,a,a-Trifluorotoluene(FID)	100			77.0-120		09/24/2021 01:35	WG1742387
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128		09/24/2021 01:35	WG1742387

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.73	4.29	1	09/28/2021 04:46	WG1746477
C28-C36 Motor Oil Range	2.19	<u>J</u>	0.294	4.29	1	09/28/2021 04:46	WG1746477
(S) o-Terphenyl	58.8			18.0-148		09/28/2021 04:46	WG1746477



Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	93.6		1	09/21/2021 14:11	WG1743418

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	148		9.83	21.4	1	09/21/2021 20:30	WG1743541

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.000246	J	0.000128	0.000534	1	09/24/2021 01:58	WG1742387
Toluene	0.000536	B J	0.000160	0.00534	1	09/24/2021 01:58	WG1742387
Ethylbenzene	0.000205	B J	0.000118	0.000534	1	09/24/2021 01:58	WG1742387
Total Xylene	U		0.000491	0.00160	1	09/24/2021 01:58	WG1742387
TPH (GC/FID) Low Fraction	U		0.0232	0.107	1	09/24/2021 01:58	WG1742387
(S) a,a,a-Trifluorotoluene(FID)	99.6			77.0-120		09/24/2021 01:58	WG1742387
(S) a,a,a-Trifluorotoluene(PID)	101			72.0-128		09/24/2021 01:58	WG1742387

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	1.86	J	1.72	4.27	1	09/28/2021 05:00	WG1746477
C28-C36 Motor Oil Range	3.05	J	0.293	4.27	1	09/28/2021 05:00	WG1746477
(S) o-Terphenyl	62.8			18.0-148		09/28/2021 05:00	WG1746477

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.7		1	09/21/2021 14:11	WG1743418

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	47.2		9.61	20.9	1	09/21/2021 20:49	WG1743541

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	0.000618		0.000125	0.000522	1	09/24/2021 02:22	WG1742387
Toluene	0.000511	B J	0.000157	0.00522	1	09/24/2021 02:22	WG1742387
Ethylbenzene	0.000718	B	0.000115	0.000522	1	09/24/2021 02:22	WG1742387
Total Xylene	0.00107	J	0.000481	0.00157	1	09/24/2021 02:22	WG1742387
TPH (GC/FID) Low Fraction	U		0.0227	0.104	1	09/24/2021 02:22	WG1742387
(S) a,a,a-Trifluorotoluene(FID)	100			77.0-120		09/24/2021 02:22	WG1742387
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128		09/24/2021 02:22	WG1742387

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.68	4.18	1	09/28/2021 05:13	WG1746477
C28-C36 Motor Oil Range	4.92		0.286	4.18	1	09/28/2021 05:13	WG1746477
(S) o-Terphenyl	63.9			18.0-148		09/28/2021 05:13	WG1746477

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	93.5		1	09/21/2021 14:11	WG1743418

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	219		9.84	21.4	1	09/21/2021 21:18	WG1743541

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	0.000465	<u>J</u>	0.000128	0.000535	1	09/24/2021 02:46	WG1742387
Toluene	0.000399	<u>B J</u>	0.000160	0.00535	1	09/24/2021 02:46	WG1742387
Ethylbenzene	0.000139	<u>B J</u>	0.000118	0.000535	1	09/24/2021 02:46	WG1742387
Total Xylene	U		0.000492	0.00160	1	09/24/2021 02:46	WG1742387
TPH (GC/FID) Low Fraction	U		0.0232	0.107	1	09/24/2021 02:46	WG1742387
(S) a,a,a-Trifluorotoluene(FID)	100			77.0-120		09/24/2021 02:46	WG1742387
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128		09/24/2021 02:46	WG1742387

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	2.09	<u>J</u>	1.72	4.28	1	09/28/2021 05:27	WG1746477
C28-C36 Motor Oil Range	2.91	<u>J</u>	0.293	4.28	1	09/28/2021 05:27	WG1746477
(S) o-Terphenyl	60.1			18.0-148		09/28/2021 05:27	WG1746477

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	96.4		1	09/21/2021 11:06	WG1743419

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	U		9.54	20.7	1	09/21/2021 21:27	WG1743541

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.000179	<u>J</u>	0.000124	0.000519	1	09/20/2021 04:04	WG1742389
Toluene	0.000315	<u>B J</u>	0.000156	0.00519	1	09/20/2021 04:04	WG1742389
Ethylbenzene	0.000124	<u>J</u>	0.000114	0.000519	1	09/20/2021 04:04	WG1742389
Total Xylene	U		0.000477	0.00156	1	09/20/2021 04:04	WG1742389
TPH (GC/FID) Low Fraction	U	<u>J3</u>	0.0225	0.104	1	09/20/2021 04:04	WG1742389
(S) a,a,a-Trifluorotoluene(FID)	107			77.0-120		09/20/2021 04:04	WG1742389
(S) a,a,a-Trifluorotoluene(PID)	111			72.0-128		09/20/2021 04:04	WG1742389

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.70	4.23	1.02	09/28/2021 02:17	WG1746477
C28-C36 Motor Oil Range	1.93	<u>J</u>	0.289	4.23	1.02	09/28/2021 02:17	WG1746477
(S) o-Terphenyl	62.1			18.0-148		09/28/2021 02:17	WG1746477

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	96.2		1	09/21/2021 11:06	WG1743419

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	U		9.56	20.8	1	09/21/2021 21:37	WG1743541

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000126	0.000525	1.01	09/20/2021 04:28	WG1742389
Toluene	0.000321	B J	0.000158	0.00525	1.01	09/20/2021 04:28	WG1742389
Ethylbenzene	U		0.000115	0.000525	1.01	09/20/2021 04:28	WG1742389
Total Xylene	U		0.000483	0.00158	1.01	09/20/2021 04:28	WG1742389
TPH (GC/FID) Low Fraction	U		0.0228	0.105	1.01	09/20/2021 04:28	WG1742389
(S) a,a,a-Trifluorotoluene(FID)	107			77.0-120		09/20/2021 04:28	WG1742389
(S) a,a,a-Trifluorotoluene(PID)	111			72.0-128		09/20/2021 04:28	WG1742389

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.67	4.16	1	09/28/2021 02:31	WG1746477
C28-C36 Motor Oil Range	1.65	J	0.285	4.16	1	09/28/2021 02:31	WG1746477
(S) o-Terphenyl	58.9			18.0-148		09/28/2021 02:31	WG1746477

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	96.4		1	09/21/2021 11:06	WG1743419

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	U		9.54	20.7	1	09/21/2021 21:46	WG1743541

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.000192	<u>J</u>	0.000126	0.000524	1.01	09/20/2021 04:52	WG1742389
Toluene	0.000259	<u>B J</u>	0.000158	0.00524	1.01	09/20/2021 04:52	WG1742389
Ethylbenzene	U		0.000115	0.000524	1.01	09/20/2021 04:52	WG1742389
Total Xylene	U		0.000482	0.00158	1.01	09/20/2021 04:52	WG1742389
TPH (GC/FID) Low Fraction	U		0.0227	0.105	1.01	09/20/2021 04:52	WG1742389
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/20/2021 04:52	WG1742389
(S) a,a,a-Trifluorotoluene(PID)	111			72.0-128		09/20/2021 04:52	WG1742389

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.67	4.15	1	09/28/2021 01:50	WG1746477
C28-C36 Motor Oil Range	1.76	<u>J</u>	0.284	4.15	1	09/28/2021 01:50	WG1746477
(S) o-Terphenyl	57.7			18.0-148		09/28/2021 01:50	WG1746477

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	96.3		1	09/21/2021 11:06	WG1743419

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	U		9.56	20.8	1	09/21/2021 21:56	WG1743541

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.000161	<u>J</u>	0.000125	0.000519	1	09/20/2021 05:16	WG1742389
Toluene	0.000218	<u>B J</u>	0.000156	0.00519	1	09/20/2021 05:16	WG1742389
Ethylbenzene	U		0.000114	0.000519	1	09/20/2021 05:16	WG1742389
Total Xylene	0.000492	<u>J</u>	0.000478	0.00156	1	09/20/2021 05:16	WG1742389
TPH (GC/FID) Low Fraction	U		0.0225	0.104	1	09/20/2021 05:16	WG1742389
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/20/2021 05:16	WG1742389
(S) a,a,a-Trifluorotoluene(PID)	109			72.0-128		09/20/2021 05:16	WG1742389

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.67	4.15	1	09/28/2021 02:04	WG1746477
C28-C36 Motor Oil Range	1.59	<u>J</u>	0.285	4.15	1	09/28/2021 02:04	WG1746477
(S) o-Terphenyl	57.2			18.0-148		09/28/2021 02:04	WG1746477

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	96.6		1	09/21/2021 11:06	WG1743419

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	U		9.53	20.7	1	09/21/2021 22:05	WG1743541

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.000160	<u>J</u>	0.000124	0.000518	1	09/20/2021 05:40	WG1742389
Toluene	0.000300	<u>B J</u>	0.000155	0.00518	1	09/20/2021 05:40	WG1742389
Ethylbenzene	U		0.000114	0.000518	1	09/20/2021 05:40	WG1742389
Total Xylene	U		0.000476	0.00155	1	09/20/2021 05:40	WG1742389
TPH (GC/FID) Low Fraction	U		0.0225	0.104	1	09/20/2021 05:40	WG1742389
(S) a,a,a-Trifluorotoluene(FID)	107			77.0-120		09/20/2021 05:40	WG1742389
(S) a,a,a-Trifluorotoluene(PID)	110			72.0-128		09/20/2021 05:40	WG1742389

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.67	4.14	1	09/28/2021 01:23	WG1746477
C28-C36 Motor Oil Range	2.26	<u>J</u>	0.284	4.14	1	09/28/2021 01:23	WG1746477
(S) o-Terphenyl	62.9			18.0-148		09/28/2021 01:23	WG1746477

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	96.3		1	09/21/2021 11:06	WG1743419

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	10.4	<u>J</u>	9.55	20.8	1	09/22/2021 03:20	WG1743994

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	U		0.000126	0.000524	1.01	09/20/2021 06:04	WG1742389
Toluene	0.000382	<u>B J</u>	0.000158	0.00524	1.01	09/20/2021 06:04	WG1742389
Ethylbenzene	U		0.000115	0.000524	1.01	09/20/2021 06:04	WG1742389
Total Xylene	U		0.000483	0.00158	1.01	09/20/2021 06:04	WG1742389
TPH (GC/FID) Low Fraction	U		0.0227	0.105	1.01	09/20/2021 06:04	WG1742389
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/20/2021 06:04	WG1742389
(S) a,a,a-Trifluorotoluene(PID)	109			72.0-128		09/20/2021 06:04	WG1742389

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.67	4.15	1	09/28/2021 01:37	WG1746477
C28-C36 Motor Oil Range	2.18	<u>J</u>	0.285	4.15	1	09/28/2021 01:37	WG1746477
(S) o-Terphenyl	62.5			18.0-148		09/28/2021 01:37	WG1746477

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	96.0		1	09/21/2021 11:06	WG1743419

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	U		9.58	20.8	1	09/22/2021 03:29	WG1743994

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.000182	<u>J</u>	0.000125	0.000521	1	09/20/2021 06:28	WG1742389
Toluene	0.000245	<u>B J</u>	0.000156	0.00521	1	09/20/2021 06:28	WG1742389
Ethylbenzene	U		0.000115	0.000521	1	09/20/2021 06:28	WG1742389
Total Xylene	U		0.000479	0.00156	1	09/20/2021 06:28	WG1742389
TPH (GC/FID) Low Fraction	U		0.0226	0.104	1	09/20/2021 06:28	WG1742389
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/20/2021 06:28	WG1742389
(S) a,a,a-Trifluorotoluene(PID)	110			72.0-128		09/20/2021 06:28	WG1742389

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.68	4.17	1	09/24/2021 16:03	WG1745062
C28-C36 Motor Oil Range	1.14	<u>J</u>	0.285	4.17	1	09/24/2021 16:03	WG1745062
(S) o-Terphenyl	64.5			18.0-148		09/24/2021 16:03	WG1745062

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	96.0		1	09/21/2021 11:06	WG1743419

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	U		9.58	20.8	1	09/22/2021 03:39	WG1743994

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.000198	<u>J</u>	0.000126	0.000526	1.01	09/20/2021 06:51	WG1742389
Toluene	0.000351	<u>B J</u>	0.000158	0.00526	1.01	09/20/2021 06:51	WG1742389
Ethylbenzene	U		0.000116	0.000526	1.01	09/20/2021 06:51	WG1742389
Total Xylene	U		0.000484	0.00158	1.01	09/20/2021 06:51	WG1742389
TPH (GC/FID) Low Fraction	U		0.0228	0.105	1.01	09/20/2021 06:51	WG1742389
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/20/2021 06:51	WG1742389
(S) a,a,a-Trifluorotoluene(PID)	110			72.0-128		09/20/2021 06:51	WG1742389

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.68	4.17	1	09/24/2021 16:16	WG1745062
C28-C36 Motor Oil Range	1.24	<u>J</u>	0.285	4.17	1	09/24/2021 16:16	WG1745062
(S) o-Terphenyl	62.0			18.0-148		09/24/2021 16:16	WG1745062

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.2		1	09/21/2021 11:06	WG1743419

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	U		9.66	21.0	1	09/22/2021 04:17	WG1743994

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000126	0.000525	1	09/20/2021 07:15	WG1742389
Toluene	0.000228	B J	0.000158	0.00525	1	09/20/2021 07:15	WG1742389
Ethylbenzene	U		0.000116	0.000525	1	09/20/2021 07:15	WG1742389
Total Xylene	U		0.000483	0.00158	1	09/20/2021 07:15	WG1742389
TPH (GC/FID) Low Fraction	U		0.0228	0.105	1	09/20/2021 07:15	WG1742389
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/20/2021 07:15	WG1742389
(S) a,a,a-Trifluorotoluene(PID)	109			72.0-128		09/20/2021 07:15	WG1742389

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.69	4.20	1	09/24/2021 16:29	WG1745062
C28-C36 Motor Oil Range	1.73	J	0.288	4.20	1	09/24/2021 16:29	WG1745062
(S) o-Terphenyl	71.4			18.0-148		09/24/2021 16:29	WG1745062

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	96.2		1	09/21/2021 11:06	WG1743419

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	U		9.57	20.8	1	09/22/2021 04:26	WG1743994

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000125	0.000520	1	09/20/2021 07:38	WG1742389
Toluene	0.000264	B J	0.000156	0.00520	1	09/20/2021 07:38	WG1742389
Ethylbenzene	U		0.000114	0.000520	1	09/20/2021 07:38	WG1742389
Total Xylene	U		0.000478	0.00156	1	09/20/2021 07:38	WG1742389
TPH (GC/FID) Low Fraction	U		0.0226	0.104	1	09/20/2021 07:38	WG1742389
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/20/2021 07:38	WG1742389
(S) a,a,a-Trifluorotoluene(PID)	110			72.0-128		09/20/2021 07:38	WG1742389

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.67	4.16	1	09/24/2021 16:42	WG1745062
C28-C36 Motor Oil Range	0.649	J	0.285	4.16	1	09/24/2021 16:42	WG1745062
(S) o-Terphenyl	61.7			18.0-148		09/24/2021 16:42	WG1745062

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.9		1	09/21/2021 11:01	WG1743486

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	U		9.59	20.9	1	09/22/2021 04:55	WG1743994

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	0.000160	<u>J</u>	0.000125	0.000521	1	09/20/2021 08:02	WG1742389
Toluene	0.000247	<u>B J</u>	0.000156	0.00521	1	09/20/2021 08:02	WG1742389
Ethylbenzene	U		0.000115	0.000521	1	09/20/2021 08:02	WG1742389
Total Xylene	U		0.000480	0.00156	1	09/20/2021 08:02	WG1742389
TPH (GC/FID) Low Fraction	U		0.0226	0.104	1	09/20/2021 08:02	WG1742389
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/20/2021 08:02	WG1742389
(S) a,a,a-Trifluorotoluene(PID)	109			72.0-128		09/20/2021 08:02	WG1742389

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.68	4.17	1	09/24/2021 16:55	WG1745062
C28-C36 Motor Oil Range	0.566	<u>J</u>	0.286	4.17	1	09/24/2021 16:55	WG1745062
(S) o-Terphenyl	64.6			18.0-148		09/24/2021 16:55	WG1745062

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	96.0		1	09/21/2021 11:01	WG1743486

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	U		9.58	20.8	1	09/22/2021 05:04	WG1743994

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.000206	<u>J</u>	0.000125	0.000521	1	09/20/2021 08:25	WG1742389
Toluene	0.000316	<u>B J</u>	0.000156	0.00521	1	09/20/2021 08:25	WG1742389
Ethylbenzene	U		0.000115	0.000521	1	09/20/2021 08:25	WG1742389
Total Xylene	U		0.000479	0.00156	1	09/20/2021 08:25	WG1742389
TPH (GC/FID) Low Fraction	U		0.0226	0.104	1	09/20/2021 08:25	WG1742389
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/20/2021 08:25	WG1742389
(S) a,a,a-Trifluorotoluene(PID)	109			72.0-128		09/20/2021 08:25	WG1742389

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.68	4.17	1	09/24/2021 17:08	WG1745062
C28-C36 Motor Oil Range	0.489	<u>J</u>	0.285	4.17	1	09/24/2021 17:08	WG1745062
(S) o-Terphenyl	60.8			18.0-148		09/24/2021 17:08	WG1745062

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.2		1	09/21/2021 11:01	WG1743486

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	U		9.66	21.0	1	09/22/2021 05:14	WG1743994

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.000142	<u>J</u>	0.000126	0.000525	1	09/20/2021 08:49	WG1742389
Toluene	0.000295	<u>B J</u>	0.000158	0.00525	1	09/20/2021 08:49	WG1742389
Ethylbenzene	0.000143	<u>J</u>	0.000116	0.000525	1	09/20/2021 08:49	WG1742389
Total Xylene	U		0.000483	0.00158	1	09/20/2021 08:49	WG1742389
TPH (GC/FID) Low Fraction	U		0.0228	0.105	1	09/20/2021 08:49	WG1742389
(S) a,a,a-Trifluorotoluene(FID)	107			77.0-120		09/20/2021 08:49	WG1742389
(S) a,a,a-Trifluorotoluene(PID)	110			72.0-128		09/20/2021 08:49	WG1742389

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.69	4.20	1	09/24/2021 17:21	WG1745062
C28-C36 Motor Oil Range	U		0.288	4.20	1	09/24/2021 17:21	WG1745062
(S) o-Terphenyl	67.0			18.0-148		09/24/2021 17:21	WG1745062

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	94.9		1	09/21/2021 11:01	WG1743486

Wet Chemistry by Method 300.0

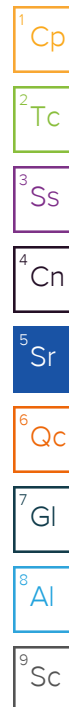
Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	U		9.69	21.1	1	09/22/2021 05:24	WG1743994

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.000233	J	0.000126	0.000527	1	09/20/2021 09:13	WG1742389
Toluene	0.000418	B J	0.000158	0.00527	1	09/20/2021 09:13	WG1742389
Ethylbenzene	0.000198	J	0.000116	0.000527	1	09/20/2021 09:13	WG1742389
Total Xylene	U		0.000484	0.00158	1	09/20/2021 09:13	WG1742389
TPH (GC/FID) Low Fraction	U		0.0229	0.105	1	09/20/2021 09:13	WG1742389
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/20/2021 09:13	WG1742389
(S) a,a,a-Trifluorotoluene(PID)	110			72.0-128		09/20/2021 09:13	WG1742389

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.70	4.21	1	09/24/2021 17:34	WG1745062
C28-C36 Motor Oil Range	U		0.289	4.21	1	09/24/2021 17:34	WG1745062
(S) o-Terphenyl	55.8			18.0-148		09/24/2021 17:34	WG1745062



Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.0		1	09/21/2021 11:01	WG1743486

Wet Chemistry by Method 300.0

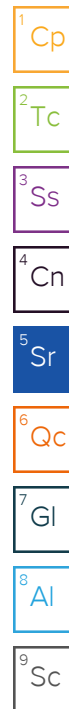
Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	U		9.69	21.1	1	09/22/2021 05:33	WG1743994

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
	mg/kg		mg/kg	mg/kg			
Benzene	0.000196	J	0.000126	0.000526	1	09/20/2021 09:37	WG1742389
Toluene	0.000410	B J	0.000158	0.00526	1	09/20/2021 09:37	WG1742389
Ethylbenzene	0.000132	J	0.000116	0.000526	1	09/20/2021 09:37	WG1742389
Total Xylene	U		0.000484	0.00158	1	09/20/2021 09:37	WG1742389
TPH (GC/FID) Low Fraction	U		0.0228	0.105	1	09/20/2021 09:37	WG1742389
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/20/2021 09:37	WG1742389
(S) a,a,a-Trifluorotoluene(PID)	109			72.0-128		09/20/2021 09:37	WG1742389

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
	mg/kg		mg/kg	mg/kg			
C10-C28 Diesel Range	U		1.70	4.21	1	09/24/2021 17:47	WG1745062
C28-C36 Motor Oil Range	U		0.288	4.21	1	09/24/2021 17:47	WG1745062
(S) o-Terphenyl	58.4			18.0-148		09/24/2021 17:47	WG1745062



Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.0		1	09/21/2021 11:01	WG1743486

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	U		9.68	21.1	1	09/22/2021 05:43	WG1743994

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	U		0.000126	0.000526	1	09/20/2021 10:00	WG1742389
Toluene	0.000199	B J	0.000158	0.00526	1	09/20/2021 10:00	WG1742389
Ethylbenzene	0.000160	J	0.000116	0.000526	1	09/20/2021 10:00	WG1742389
Total Xylene	U		0.000484	0.00158	1	09/20/2021 10:00	WG1742389
TPH (GC/FID) Low Fraction	U		0.0228	0.105	1	09/20/2021 10:00	WG1742389
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/20/2021 10:00	WG1742389
(S) a,a,a-Trifluorotoluene(PID)	109			72.0-128		09/20/2021 10:00	WG1742389

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.69	4.21	1	09/24/2021 18:00	WG1745062
C28-C36 Motor Oil Range	0.570	J	0.288	4.21	1	09/24/2021 18:00	WG1745062
(S) o-Terphenyl	68.8			18.0-148		09/24/2021 18:00	WG1745062

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.2		1	09/21/2021 11:01	WG1743486

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	U		9.66	21.0	1	09/22/2021 05:52	WG1743994

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
	mg/kg		mg/kg	mg/kg			
Benzene	0.000153	J	0.000126	0.000525	1	09/20/2021 10:24	WG1742389
Toluene	0.000251	B J	0.000158	0.00525	1	09/20/2021 10:24	WG1742389
Ethylbenzene	U		0.000116	0.000525	1	09/20/2021 10:24	WG1742389
Total Xylene	U		0.000483	0.00158	1	09/20/2021 10:24	WG1742389
TPH (GC/FID) Low Fraction	U		0.0228	0.105	1	09/20/2021 10:24	WG1742389
(S) a,a,a-Trifluorotoluene(FID)	107			77.0-120		09/20/2021 10:24	WG1742389
(S) a,a,a-Trifluorotoluene(PID)	109			72.0-128		09/20/2021 10:24	WG1742389

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
	mg/kg		mg/kg	mg/kg			
C10-C28 Diesel Range	U		1.69	4.20	1	09/24/2021 18:13	WG1745062
C28-C36 Motor Oil Range	U		0.288	4.20	1	09/24/2021 18:13	WG1745062
(S) o-Terphenyl	72.5			18.0-148		09/24/2021 18:13	WG1745062

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.7		1	09/21/2021 11:01	WG1743486

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	133		9.61	20.9	1	09/22/2021 06:02	WG1743994

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.000309	J	0.000125	0.000522	1	09/20/2021 10:48	WG1742389
Toluene	0.000491	B J	0.000157	0.00522	1	09/20/2021 10:48	WG1742389
Ethylbenzene	0.000291	J	0.000115	0.000522	1	09/20/2021 10:48	WG1742389
Total Xylene	U		0.000481	0.00157	1	09/20/2021 10:48	WG1742389
TPH (GC/FID) Low Fraction	U		0.0227	0.104	1	09/20/2021 10:48	WG1742389
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/20/2021 10:48	WG1742389
(S) a,a,a-Trifluorotoluene(PID)	109			72.0-128		09/20/2021 10:48	WG1742389

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.68	4.18	1	09/24/2021 20:10	WG1745062
C28-C36 Motor Oil Range	1.25	J	0.286	4.18	1	09/24/2021 20:10	WG1745062
(S) o-Terphenyl	66.7			18.0-148		09/24/2021 20:10	WG1745062

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.7		1	09/21/2021 11:01	WG1743486

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	79.5		9.61	20.9	1	09/22/2021 06:21	WG1743994

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	0.000465	<u>J</u>	0.000126	0.000527	1.01	09/20/2021 11:12	WG1742389
Toluene	0.000734	<u>B J</u>	0.000159	0.00527	1.01	09/20/2021 11:12	WG1742389
Ethylbenzene	0.000292	<u>J</u>	0.000116	0.000527	1.01	09/20/2021 11:12	WG1742389
Total Xylene	U		0.000486	0.00159	1.01	09/20/2021 11:12	WG1742389
TPH (GC/FID) Low Fraction	U		0.0229	0.105	1.01	09/20/2021 11:12	WG1742389
(S) a,a,a-Trifluorotoluene(FID)	107			77.0-120		09/20/2021 11:12	WG1742389
(S) a,a,a-Trifluorotoluene(PID)	109			72.0-128		09/20/2021 11:12	WG1742389

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.68	4.18	1	09/24/2021 20:36	WG1745062
C28-C36 Motor Oil Range	2.88	<u>J</u>	0.286	4.18	1	09/24/2021 20:36	WG1745062
(S) o-Terphenyl	70.3			18.0-148		09/24/2021 20:36	WG1745062

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.9		1	09/21/2021 11:01	WG1743486

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	124		9.59	20.8	1	09/22/2021 06:49	WG1743994

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.000233	<u>J</u>	0.000125	0.000521	1	09/20/2021 11:35	WG1742389
Toluene	0.000329	<u>B J</u>	0.000156	0.00521	1	09/20/2021 11:35	WG1742389
Ethylbenzene	U		0.000115	0.000521	1	09/20/2021 11:35	WG1742389
Total Xylene	U		0.000479	0.00156	1	09/20/2021 11:35	WG1742389
TPH (GC/FID) Low Fraction	U		0.0226	0.104	1	09/20/2021 11:35	WG1742389
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/20/2021 11:35	WG1742389
(S) a,a,a-Trifluorotoluene(PID)	110			72.0-128		09/20/2021 11:35	WG1742389

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.68	4.17	1	09/24/2021 19:05	WG1745062
C28-C36 Motor Oil Range	1.14	<u>J</u>	0.286	4.17	1	09/24/2021 19:05	WG1745062
(S) o-Terphenyl	60.8			18.0-148		09/24/2021 19:05	WG1745062

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.8		1	09/21/2021 10:55	WG1743487

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	174		9.60	20.9	1	09/22/2021 06:59	WG1743994

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000125	0.000522	1	09/21/2021 02:56	WG1742423
Toluene	U	J3	0.000157	0.00522	1	09/21/2021 02:56	WG1742423
Ethylbenzene	U	J3	0.000115	0.000522	1	09/21/2021 02:56	WG1742423
Total Xylene	U	J3	0.000480	0.00157	1	09/21/2021 02:56	WG1742423
TPH (GC/FID) Low Fraction	U		0.0226	0.104	1	09/21/2021 02:56	WG1742423
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/21/2021 02:56	WG1742423
(S) a,a,a-Trifluorotoluene(PID)	101			72.0-128		09/21/2021 02:56	WG1742423

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.68	4.17	1	09/24/2021 19:44	WG1745062
C28-C36 Motor Oil Range	1.94	J	0.286	4.17	1	09/24/2021 19:44	WG1745062
(S) o-Terphenyl	68.3			18.0-148		09/24/2021 19:44	WG1745062

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	96.9		1	09/21/2021 10:55	WG1743487

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	24.2		9.49	20.6	1	09/22/2021 07:08	WG1743994

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	U		0.000124	0.000516	1	09/21/2021 03:17	WG1742423
Toluene	U		0.000155	0.00516	1	09/21/2021 03:17	WG1742423
Ethylbenzene	U		0.000113	0.000516	1	09/21/2021 03:17	WG1742423
Total Xylene	U		0.000475	0.00155	1	09/21/2021 03:17	WG1742423
TPH (GC/FID) Low Fraction	U		0.0224	0.103	1	09/21/2021 03:17	WG1742423
(S) a,a,a-Trifluorotoluene(FID)	106			77.0-120		09/21/2021 03:17	WG1742423
(S) a,a,a-Trifluorotoluene(PID)	100			72.0-128		09/21/2021 03:17	WG1742423

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	1.69	J	1.66	4.13	1	09/24/2021 19:57	WG1745062
C28-C36 Motor Oil Range	1.08	J	0.283	4.13	1	09/24/2021 19:57	WG1745062
(S) o-Terphenyl	81.9			18.0-148		09/24/2021 19:57	WG1745062

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	96.9		1	09/21/2021 10:55	WG1743487

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	24.7		9.49	20.6	1	09/22/2021 07:18	WG1743994

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	U		0.000124	0.000516	1	09/21/2021 03:39	WG1742423
Toluene	U		0.000155	0.00516	1	09/21/2021 03:39	WG1742423
Ethylbenzene	U		0.000114	0.000516	1	09/21/2021 03:39	WG1742423
Total Xylene	U		0.000475	0.00155	1	09/21/2021 03:39	WG1742423
TPH (GC/FID) Low Fraction	U		0.0224	0.103	1	09/21/2021 03:39	WG1742423
(S) a,a,a-Trifluorotoluene(FID)	106			77.0-120		09/21/2021 03:39	WG1742423
(S) a,a,a-Trifluorotoluene(PID)	100			72.0-128		09/21/2021 03:39	WG1742423

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.66	4.13	1	09/24/2021 18:26	WG1745062
C28-C36 Motor Oil Range	U		0.283	4.13	1	09/24/2021 18:26	WG1745062
(S) o-Terphenyl	72.5			18.0-148		09/24/2021 18:26	WG1745062

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.6		1	09/21/2021 10:55	WG1743487

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	123		9.62	20.9	1	09/22/2021 07:27	WG1743994

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	U		0.000125	0.000523	1	09/21/2021 04:01	WG1742423
Toluene	U		0.000157	0.00523	1	09/21/2021 04:01	WG1742423
Ethylbenzene	U		0.000115	0.000523	1	09/21/2021 04:01	WG1742423
Total Xylene	U		0.000481	0.00157	1	09/21/2021 04:01	WG1742423
TPH (GC/FID) Low Fraction	U		0.0227	0.105	1	09/21/2021 04:01	WG1742423
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/21/2021 04:01	WG1742423
(S) a,a,a-Trifluorotoluene(PID)	101			72.0-128		09/21/2021 04:01	WG1742423

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.68	4.18	1	09/24/2021 20:23	WG1745062
C28-C36 Motor Oil Range	4.02	J	0.287	4.18	1	09/24/2021 20:23	WG1745062
(S) o-Terphenyl	72.5			18.0-148		09/24/2021 20:23	WG1745062

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	97.0		1	09/21/2021 10:55	WG1743487

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	23.7		9.49	20.6	1	09/22/2021 07:37	WG1743994

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	U		0.000124	0.000516	1	09/21/2021 04:22	WG1742423
Toluene	U		0.000155	0.00516	1	09/21/2021 04:22	WG1742423
Ethylbenzene	U		0.000113	0.000516	1	09/21/2021 04:22	WG1742423
Total Xylene	U		0.000474	0.00155	1	09/21/2021 04:22	WG1742423
TPH (GC/FID) Low Fraction	U		0.0224	0.103	1	09/21/2021 04:22	WG1742423
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/21/2021 04:22	WG1742423
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		09/21/2021 04:22	WG1742423

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.66	4.13	1	09/24/2021 18:39	WG1745062
C28-C36 Motor Oil Range	U		0.283	4.13	1	09/24/2021 18:39	WG1745062
(S) o-Terphenyl	72.2			18.0-148		09/24/2021 18:39	WG1745062

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	96.6		1	09/21/2021 10:55	WG1743487

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	19.9	J	9.52	20.7	1	09/21/2021 23:47	WG1744000

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000124	0.000518	1	09/21/2021 04:44	WG1742423
Toluene	U		0.000155	0.00518	1	09/21/2021 04:44	WG1742423
Ethylbenzene	U		0.000114	0.000518	1	09/21/2021 04:44	WG1742423
Total Xylene	U		0.000476	0.00155	1	09/21/2021 04:44	WG1742423
TPH (GC/FID) Low Fraction	U		0.0225	0.104	1	09/21/2021 04:44	WG1742423
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/21/2021 04:44	WG1742423
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128		09/21/2021 04:44	WG1742423

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.67	4.14	1	09/24/2021 18:52	WG1745062
C28-C36 Motor Oil Range	U		0.284	4.14	1	09/24/2021 18:52	WG1745062
(S) o-Terphenyl	52.0			18.0-148		09/24/2021 18:52	WG1745062

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.4		1	09/21/2021 10:55	WG1743487

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	52.3		9.64	21.0	1	09/22/2021 00:03	WG1744000

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
	mg/kg		mg/kg	mg/kg			
Benzene	U		0.000126	0.000524	1	09/21/2021 05:05	WG1742423
Toluene	U		0.000157	0.00524	1	09/21/2021 05:05	WG1742423
Ethylbenzene	U		0.000115	0.000524	1	09/21/2021 05:05	WG1742423
Total Xylene	U		0.000482	0.00157	1	09/21/2021 05:05	WG1742423
TPH (GC/FID) Low Fraction	U		0.0227	0.105	1	09/21/2021 05:05	WG1742423
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/21/2021 05:05	WG1742423
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128		09/21/2021 05:05	WG1742423

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
	mg/kg		mg/kg	mg/kg			
C10-C28 Diesel Range	U		1.69	4.19	1	09/25/2021 14:13	WG1745063
C28-C36 Motor Oil Range	5.94		0.287	4.19	1	09/25/2021 14:13	WG1745063
(S) o-Terphenyl	64.5			18.0-148		09/25/2021 14:13	WG1745063

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 09/13/21 00:00

L1403745

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	93.4		1	09/21/2021 10:55	WG1743487

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	U		9.85	21.4	1	09/22/2021 00:20	WG1744000

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
	mg/kg		mg/kg	mg/kg			
Benzene	U		0.000128	0.000535	1	09/21/2021 05:27	WG1742423
Toluene	U		0.000161	0.00535	1	09/21/2021 05:27	WG1742423
Ethylbenzene	U		0.000118	0.000535	1	09/21/2021 05:27	WG1742423
Total Xylene	U		0.000492	0.00161	1	09/21/2021 05:27	WG1742423
TPH (GC/FID) Low Fraction	U		0.0232	0.107	1	09/21/2021 05:27	WG1742423
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		09/21/2021 05:27	WG1742423
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		09/21/2021 05:27	WG1742423

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
	mg/kg		mg/kg	mg/kg			
C10-C28 Diesel Range	2.37	<u>J</u>	1.72	4.28	1	09/25/2021 10:11	WG1745063
C28-C36 Motor Oil Range	2.14	<u>J</u>	0.293	4.28	1	09/25/2021 10:11	WG1745063
(S) o-Terphenyl	61.4			18.0-148		09/25/2021 10:11	WG1745063

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 [L1403745-01,02,03,04,05,06,07,08,09](#)

Method Blank (MB)

(MB) R3707187-1 09/21/21 15:35

	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.00100			

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

L1403745-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1403745-02 09/21/21 15:35 • (DUP) R3707187-3 09/21/21 15:35

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	94.1	93.8	1	0.307		10

Laboratory Control Sample (LCS)

(LCS) R3707187-2 09/21/21 15:35

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

⁷Gl

⁸Al

⁹Sc

Total Solids by Method 2540 G-2011 [L1403745-10,11,12,13,14,15,16,17,18,19](#)

Method Blank (MB)

(MB) R3707185-1 09/21/21 15:25

	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.000			

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

L1403745-13 Original Sample (OS) • Duplicate (DUP)

(OS) L1403745-13 09/21/21 15:25 • (DUP) R3707185-3 09/21/21 15:25

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	94.6	94.3	1	0.334		10

Laboratory Control Sample (LCS)

(LCS) R3707185-2 09/21/21 15:25

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

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3707167-1 09/21/21 15:14

	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.000			

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

L1403745-24 Original Sample (OS) • Duplicate (DUP)

(OS) L1403745-24 09/21/21 15:14 • (DUP) R3707167-3 09/21/21 15:14

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	94.7	94.7	1	0.0136		10

Laboratory Control Sample (LCS)

(LCS) R3707167-2 09/21/21 15:14

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

⁷Gl

⁸Al

⁹Sc

Total Solids by Method 2540 G-2011 [L1403745-30,31,32,33,34,35,36,37,38,39](#)

Method Blank (MB)

(MB) R3707165-1 09/21/21 15:03

	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.000			

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

L1403745-35 Original Sample (OS) • Duplicate (DUP)

(OS) L1403745-35 09/21/21 15:03 • (DUP) R3707165-3 09/21/21 15:03

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	95.9	95.7	1	0.270		10

⁷Gl

⁸Al

Laboratory Control Sample (LCS)

(LCS) R3707165-2 09/21/21 15:03

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

⁹Sc

Total Solids by Method 2540 G-2011 [L1403745-40,41,42,43,44,45,46,47,48,49](#)

Method Blank (MB)

(MB) R3707145-1 09/21/21 14:11

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

L1403745-46 Original Sample (OS) • Duplicate (DUP)

(OS) L1403745-46 09/21/21 14:11 • (DUP) R3707145-3 09/21/21 14:11

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	%	%		%		%
Total Solids	93.2	93.5	1	0.350		10

Laboratory Control Sample (LCS)

(LCS) R3707145-2 09/21/21 14:11

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	%	%	%	%	
Total Solids	50.0	50.1	100	85.0-115	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Total Solids by Method 2540 G-2011 [L1403745-50,51,52,53,54,55,56,57,58,59](#)

Method Blank (MB)

(MB) R3707080-1 09/21/21 11:06

	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.00100			

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

L1403745-57 Original Sample (OS) • Duplicate (DUP)

(OS) L1403745-57 09/21/21 11:06 • (DUP) R3707080-3 09/21/21 11:06

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	96.0	96.1	1	0.0548		10

Laboratory Control Sample (LCS)

(LCS) R3707080-2 09/21/21 11:06

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

⁷Gl

⁸Al

⁹Sc

Total Solids by Method 2540 G-2011 [L1403745-60,61,62,63,64,65,66,67,68,69](#)

Method Blank (MB)

(MB) R3706943-1 09/21/21 11:01

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

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

L1403745-68 Original Sample (OS) • Duplicate (DUP)

(OS) L1403745-68 09/21/21 11:01 • (DUP) R3706943-3 09/21/21 11:01

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	%	%		%		%
Total Solids	95.7	95.8	1	0.105		10

Laboratory Control Sample (LCS)

(LCS) R3706943-2 09/21/21 11:01

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

⁷Gl

⁸Al

⁹Sc

Total Solids by Method 2540 G-2011 [L1403745-70,71,72,73,74,75,76,77](#)

Method Blank (MB)

(MB) R3706938-1 09/21/21 10:55

	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.00100			

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

L1403765-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1403765-01 09/21/21 10:55 • (DUP) R3706938-3 09/21/21 10:55

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	79.7	78.4	1	1.64		10

Laboratory Control Sample (LCS)

(LCS) R3706938-2 09/21/21 10:55

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

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3706426-1 09/19/21 22:35

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

L1403729-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1403729-03 09/20/21 00:52 • (DUP) R3706426-3 09/20/21 01:02

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	40.5	39.9	1	1.70		20

L1404030-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1404030-03 09/20/21 03:05 • (DUP) R3706426-6 09/20/21 03:15

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	25900	25400	100	2.02		20

Laboratory Control Sample (LCS)

(LCS) R3706426-2 09/19/21 22:45

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	200	206	103	90.0-110	

L1403729-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1403729-03 09/20/21 00:52 • (MS) R3706426-4 09/20/21 01:11 • (MSD) R3706426-5 09/20/21 01:21

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	513	40.5	595	589	108	107	1	80.0-120			1.04	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3706671-1 09/20/21 23:00

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

L1403631-33 Original Sample (OS) • Duplicate (DUP)

(OS) L1403631-33 09/21/21 00:06 • (DUP) R3706671-3 09/21/21 00:15

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	591	616	1	4.22		20

L1403745-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1403745-08 09/21/21 02:09 • (DUP) R3706671-6 09/21/21 02:18

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	U	U	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R3706671-2 09/20/21 23:09

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	200	201	101	90.0-110	

L1403631-33 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1403631-33 09/21/21 00:06 • (MS) R3706671-4 09/21/21 00:25 • (MSD) R3706671-5 09/21/21 00:53

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	582	591	1130	1210	92.4	107	1	80.0-120			7.28	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Wet Chemistry by Method 300.0

L1403745-15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34

Method Blank (MB)

(MB) R3707228-1 09/21/21 11:48

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

L1403745-17 Original Sample (OS) • Duplicate (DUP)

(OS) L1403745-17 09/21/21 13:01 • (DUP) R3707228-3 09/21/21 13:10

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	25.3	23.4	1	8.17	⬇	20

L1403745-27 Original Sample (OS) • Duplicate (DUP)

(OS) L1403745-27 09/21/21 15:23 • (DUP) R3707228-6 09/21/21 15:33

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	U	U	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R3707228-2 09/21/21 11:58

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	200	202	101	90.0-110	

L1403745-17 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1403745-17 09/21/21 13:01 • (MS) R3707228-4 09/21/21 13:20 • (MSD) R3707228-5 09/21/21 13:29

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	633	25.3	629	656	95.4	99.7	1	80.0-120			4.24	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Wet Chemistry by Method 300.0

[L1403745-35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54](#)

Method Blank (MB)

(MB) R3707229-1 09/21/21 17:29

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

L1403745-37 Original Sample (OS) • Duplicate (DUP)

(OS) L1403745-37 09/21/21 18:07 • (DUP) R3707229-3 09/21/21 18:17

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	<u>DUP Qualifier</u>	DUP RPD Limits %
Chloride	105	98.2	1	6.27		20

L1403745-47 Original Sample (OS) • Duplicate (DUP)

(OS) L1403745-47 09/21/21 20:30 • (DUP) R3707229-6 09/21/21 20:40

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	<u>DUP Qualifier</u>	DUP RPD Limits %
Chloride	148	162	1	9.13		20

Laboratory Control Sample (LCS)

(LCS) R3707229-2 09/21/21 17:39

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Chloride	200	200	100	90.0-110	

L1403745-37 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1403745-37 09/21/21 18:07 • (MS) R3707229-4 09/21/21 18:26 • (MSD) R3707229-5 09/21/21 18:36

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 %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD %	RPD Limits %
Chloride	522	105	642	629	103	100	1	80.0-120			2.05	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Wet Chemistry by Method 300.0

L1403745-55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,73,74

Method Blank (MB)

(MB) R3707232-1 09/22/21 02:51

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

L1403745-57 Original Sample (OS) • Duplicate (DUP)

(OS) L1403745-57 09/22/21 03:39 • (DUP) R3707232-3 09/22/21 03:48

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	U	U	1	0.000		20

L1403745-67 Original Sample (OS) • Duplicate (DUP)

(OS) L1403745-67 09/22/21 06:02 • (DUP) R3707232-6 09/22/21 06:11

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	133	146	1	9.79		20

Laboratory Control Sample (LCS)

(LCS) R3707232-2 09/22/21 03:01

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	200	202	101	90.0-110	

L1403745-57 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1403745-57 09/22/21 03:39 • (MS) R3707232-4 09/22/21 03:58 • (MSD) R3707232-5 09/22/21 04:07

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	521	U	521	534	100	102	1	80.0-120			2.32	20

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Wet Chemistry by Method 300.0

[L1403745-75,76,77](#)

Method Blank (MB)

(MB) R3707244-1 09/21/21 22:27

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

L1403745-77 Original Sample (OS) • Duplicate (DUP)

(OS) L1403745-77 09/22/21 00:20 • (DUP) R3707244-3 09/22/21 00:36

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	U	U	1	0.000		20

Original Sample (OS) • Duplicate (DUP)

(OS) • (DUP) R3707244-6 09/22/21 05:15

Analyte	Original Result mg/kg	DUP Result mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride		78.8	1	0.471		20

Laboratory Control Sample (LCS)

(LCS) R3707244-2 09/21/21 22:43

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	200	205	102	90.0-110	

L1403745-77 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1403745-77 09/22/21 00:20 • (MS) R3707244-4 09/22/21 00:52 • (MSD) R3707244-5 09/22/21 01:42

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	535	U	579	581	108	109	1	80.0-120			0.430	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Volatile Organic Compounds (GC) by Method 8015/8021

[L1403745-10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29](#)

Method Blank (MB)

(MB) R3708071-3 09/20/21 04:11

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000120	0.000500
Toluene	U		0.000150	0.00500
Ethylbenzene	U		0.000110	0.000500
Total Xylene	U		0.000460	0.00150
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	110			77.0-120
(S) a,a,a-Trifluorotoluene(PID)	104			72.0-128

Laboratory Control Sample (LCS)

(LCS) R3708071-1 09/20/21 02:29

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0486	97.2	76.0-121	
Toluene	0.0500	0.0489	97.8	80.0-120	
Ethylbenzene	0.0500	0.0497	99.4	80.0-124	
Total Xylene	0.150	0.152	101	37.0-160	
(S) a,a,a-Trifluorotoluene(FID)			110	77.0-120	
(S) a,a,a-Trifluorotoluene(PID)			103	72.0-128	

Laboratory Control Sample (LCS)

(LCS) R3708071-2 09/20/21 03:18

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	5.44	98.9	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			98.3	77.0-120	
(S) a,a,a-Trifluorotoluene(PID)			105	72.0-128	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Volatile Organic Compounds (GC) by Method 8015/8021

[L1403745-30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,46,47,48,49](#)

Method Blank (MB)

(MB) R3708691-3 09/23/21 18:51

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000120	0.000500
Toluene	0.000373	U	0.000150	0.00500
Ethylbenzene	0.000154	U	0.000110	0.000500
Total Xylene	U		0.000460	0.00150
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	100			77.0-120
(S) a,a,a-Trifluorotoluene(PID)	105			72.0-128

Laboratory Control Sample (LCS)

(LCS) R3708691-1 09/23/21 17:40

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0493	98.6	76.0-121	
Toluene	0.0500	0.0494	98.8	80.0-120	
Ethylbenzene	0.0500	0.0523	105	80.0-124	
Total Xylene	0.150	0.160	107	37.0-160	
(S) a,a,a-Trifluorotoluene(FID)			99.9	77.0-120	
(S) a,a,a-Trifluorotoluene(PID)			100	72.0-128	

Laboratory Control Sample (LCS)

(LCS) R3708691-2 09/23/21 18:04

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	4.99	90.7	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			107	77.0-120	
(S) a,a,a-Trifluorotoluene(PID)			110	72.0-128	

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Volatile Organic Compounds (GC) by Method 8015/8021

[L1403745-50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69](#)

Method Blank (MB)

(MB) R3708094-3 09/20/21 03:29

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000120	0.000500
Toluene	0.000244	U	0.000150	0.00500
Ethylbenzene	U		0.000110	0.000500
Total Xylene	U		0.000460	0.00150
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120
(S) a,a,a-Trifluorotoluene(PID)	112			72.0-128

Laboratory Control Sample (LCS)

(LCS) R3708094-1 09/20/21 02:18

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0557	111	76.0-121	
Toluene	0.0500	0.0558	112	80.0-120	
Ethylbenzene	0.0500	0.0584	117	80.0-124	
Total Xylene	0.150	0.175	117	37.0-160	
(S) a,a,a-Trifluorotoluene(FID)			108	77.0-120	
(S) a,a,a-Trifluorotoluene(PID)			107	72.0-128	

Laboratory Control Sample (LCS)

(LCS) R3708094-2 09/20/21 02:42

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	5.82	106	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			114	77.0-120	
(S) a,a,a-Trifluorotoluene(PID)			116	72.0-128	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Volatile Organic Compounds (GC) by Method 8015/8021 [L1403745-50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69](#)

L1403745-50 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1403745-50 09/20/21 04:04 • (MS) R3708094-4 09/20/21 11:59 • (MSD) R3708094-5 09/20/21 12:23

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 %
TPH (GC/FID) Low Fraction	5.70	U	1.30	4.69	22.7	82.2	1	10.0-151		J3	113	28
(S) a,a,a-Trifluorotoluene(FID)					104	111		77.0-120				
(S) a,a,a-Trifluorotoluene(PID)					107	114		72.0-128				

L1403745-50 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1403745-50 09/20/21 04:04 • (MS) R3708094-6 09/20/21 12:47 • (MSD) R3708094-7 09/20/21 13:10

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 %
Benzene	0.0519	0.000179	0.0421	0.0384	80.9	73.7	1	10.0-155			9.28	32
Toluene	0.0519	0.000315	0.0381	0.0323	72.8	61.6	1	10.0-160			16.5	34
Ethylbenzene	0.0519	0.000124	0.0365	0.0286	70.2	55.0	1	10.0-160			24.2	32
Total Xylene	0.156	U	0.104	0.0806	66.6	51.8	1	10.0-160			25.0	32
(S) a,a,a-Trifluorotoluene(FID)					109	109		77.0-120				
(S) a,a,a-Trifluorotoluene(PID)					110	109		72.0-128				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3708073-3 09/21/21 02:34

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000120	0.000500
Toluene	U		0.000150	0.00500
Ethylbenzene	U		0.000110	0.000500
Total Xylene	U		0.000460	0.00150
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128

Laboratory Control Sample (LCS)

(LCS) R3708073-1 09/21/21 01:30

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0464	92.8	76.0-121	
Toluene	0.0500	0.0463	92.6	80.0-120	
Ethylbenzene	0.0500	0.0466	93.2	80.0-124	
Total Xylene	0.150	0.142	94.7	37.0-160	
(S) a,a,a-Trifluorotoluene(FID)			108	77.0-120	
(S) a,a,a-Trifluorotoluene(PID)			102	72.0-128	

Laboratory Control Sample (LCS)

(LCS) R3708073-2 09/21/21 01:51

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	5.04	91.6	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			99.3	77.0-120	
(S) a,a,a-Trifluorotoluene(PID)			104	72.0-128	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Volatile Organic Compounds (GC) by Method 8015/8021

L1403745-70,71,72,73,74,75,76,77

L1403745-70 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1403745-70 09/21/21 02:56 • (MS) R3708073-4 09/21/21 10:15 • (MSD) R3708073-5 09/21/21 10:36

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 %
Benzene	0.0522	U	0.0317	0.0381	60.8	73.0	1	10.0-155			18.2	32
Toluene	0.0522	U	0.0226	0.0349	43.4	66.8	1	10.0-160	J3		42.5	34
Ethylbenzene	0.0522	U	0.0143	0.0322	27.4	61.8	1	10.0-160	J3		77.1	32
Total Xylene	0.157	U	0.0385	0.0931	24.6	59.5	1	10.0-160	J3		83.0	32
(S) a,a,a-Trifluorotoluene(FID)					107	109		77.0-120				
(S) a,a,a-Trifluorotoluene(PID)					99.9	102		72.0-128				

L1403745-70 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1403745-70 09/21/21 02:56 • (MS) R3708073-6 09/21/21 10:58 • (MSD) R3708073-7 09/21/21 11:19

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 %
TPH (GC/FID) Low Fraction	5.74	U	1.49	1.27	26.0	22.2	1	10.0-151			15.8	28
(S) a,a,a-Trifluorotoluene(FID)					92.5	100		77.0-120				
(S) a,a,a-Trifluorotoluene(PID)					102	99.3		72.0-128				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Volatile Organic Compounds (GC) by Method 8015/8021

[L1403745-01,02,03,04,05,06,07,08,09](#)

Method Blank (MB)

(MB) R3707536-3 09/21/21 14:56

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000120	0.000500
Toluene	U		0.000150	0.00500
Ethylbenzene	U		0.000110	0.000500
Total Xylene	U		0.000460	0.00150
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128

Laboratory Control Sample (LCS)

(LCS) R3707536-1 09/21/21 12:59

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0524	105	76.0-121	
Toluene	0.0500	0.0518	104	80.0-120	
Ethylbenzene	0.0500	0.0516	103	80.0-124	
Total Xylene	0.150	0.159	106	37.0-160	
(S) a,a,a-Trifluorotoluene(FID)			109	77.0-120	
(S) a,a,a-Trifluorotoluene(PID)			102	72.0-128	

Laboratory Control Sample (LCS)

(LCS) R3707536-2 09/21/21 14:13

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	4.35	79.1	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			100	77.0-120	
(S) a,a,a-Trifluorotoluene(PID)			106	72.0-128	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3708948-3 09/27/21 05:16

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000120	0.000500
Toluene	0.000399	U	0.000150	0.00500
Ethylbenzene	0.000118	U	0.000110	0.000500
Total Xylene	U		0.000460	0.00150
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	102			77.0-120
(S) a,a,a-Trifluorotoluene(PID)	105			72.0-128

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Laboratory Control Sample (LCS)

(LCS) R3708948-1 09/27/21 03:38

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	5.34	97.1	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			97.1	77.0-120	
(S) a,a,a-Trifluorotoluene(PID)			104	72.0-128	

Laboratory Control Sample (LCS)

(LCS) R3708948-2 09/27/21 04:26

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0511	102	76.0-121	
Toluene	0.0500	0.0508	102	80.0-120	
Ethylbenzene	0.0500	0.0545	109	80.0-124	
Total Xylene	0.150	0.165	110	37.0-160	
(S) a,a,a-Trifluorotoluene(FID)			101	77.0-120	
(S) a,a,a-Trifluorotoluene(PID)			101	72.0-128	

Semi-Volatile Organic Compounds (GC) by Method 8015M

L1403745-01,02,03,04,05

Method Blank (MB)

(MB) R3708586-1 09/24/21 11:23

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C36 Motor Oil Range	U		0.274	4.00
(S) o-Terphenyl	61.0			18.0-148

Laboratory Control Sample (LCS)

(LCS) R3708586-2 09/24/21 11:36

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	39.8	79.6	50.0-150	
(S) o-Terphenyl			64.7	18.0-148	

L1403745-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1403745-01 09/24/21 15:14 • (MS) R3708586-3 09/24/21 15:27 • (MSD) R3708586-4 09/24/21 15:40

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 %
C10-C28 Diesel Range	52.3	U	42.6	42.9	81.4	81.5	1	50.0-150			0.751	20
(S) o-Terphenyl					66.0	62.8		18.0-148				

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Semi-Volatile Organic Compounds (GC) by Method 8015M [L1403745-06,07,08,09,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25](#)

Method Blank (MB)

(MB) R3708693-1 09/24/21 12:53

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C36 Motor Oil Range	0.521	⬇	0.274	4.00
(S) o-Terphenyl	91.1			18.0-148

Laboratory Control Sample (LCS)

(LCS) R3708693-2 09/24/21 13:04

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	44.6	89.2	50.0-150	
(S) o-Terphenyl			95.9	18.0-148	

L1403745-18 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1403745-18 09/24/21 14:56 • (MS) R3708693-3 09/24/21 15:08 • (MSD) R3708693-4 09/24/21 15:21

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 %
C10-C28 Diesel Range	50.1	2.03	51.1	47.7	98.0	90.8	1	50.0-150			7.07	20
(S) o-Terphenyl					91.1	87.6		18.0-148				

1
Cp

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Tc

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Ss

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Cn

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Sr

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R3707755-1 09/22/21 15:05

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	3.08	U	1.61	4.00
C28-C36 Motor Oil Range	1.59	U	0.274	4.00
(S) o-Terphenyl	71.2			18.0-148

Laboratory Control Sample (LCS)

(LCS) R3707755-2 09/22/21 15:19

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	44.8	89.6	50.0-150	
(S) o-Terphenyl			73.6	18.0-148	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3707899-1 09/23/21 09:47

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C36 Motor Oil Range	U		0.274	4.00
(S) o-Terphenyl	82.7			18.0-148

Laboratory Control Sample (LCS)

(LCS) R3707899-2 09/23/21 10:00

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	45.4	90.8	50.0-150	
(S) o-Terphenyl			86.3	18.0-148	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Semi-Volatile Organic Compounds (GC) by Method 8015M [L1403745-56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75](#)

Method Blank (MB)

(MB) R3708585-1 09/24/21 15:37

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C36 Motor Oil Range	U		0.274	4.00
(S) o-Terphenyl	62.9			18.0-148

Laboratory Control Sample (LCS)

(LCS) R3708585-2 09/24/21 15:50

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	35.2	70.4	50.0-150	
(S) o-Terphenyl			65.6	18.0-148	

L1403745-69 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1403745-69 09/24/21 19:05 • (MS) R3708585-3 09/24/21 19:18 • (MSD) R3708585-4 09/24/21 19:31

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 %
C10-C28 Diesel Range	51.3	U	38.5	37.1	75.0	71.6	1	50.0-150			3.59	20
(S) o-Terphenyl					112	106		18.0-148				

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Semi-Volatile Organic Compounds (GC) by Method 8015M

L1403745-76,77

Method Blank (MB)

(MB) R3708758-1 09/25/21 09:31

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C36 Motor Oil Range	U		0.274	4.00
(S) o-Terphenyl	53.8			18.0-148

Laboratory Control Sample (LCS)

(LCS) R3708758-2 09/25/21 09:43

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	39.0	78.0	50.0-150	
(S) o-Terphenyl			67.4	18.0-148	

L1403766-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1403766-01 09/25/21 12:52 • (MS) R3708758-3 09/25/21 13:06 • (MSD) R3708758-4 09/25/21 13:19

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 %
C10-C28 Diesel Range	49.6	17.5	60.7	60.9	87.0	88.3	1	50.0-150			0.331	20
(S) o-Terphenyl					62.0	62.9		18.0-148				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015M [L1403745-36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55](#)

Method Blank (MB)

(MB) R3709341-1 09/28/21 00:16

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C36 Motor Oil Range	U		0.274	4.00
(S) o-Terphenyl	57.7			18.0-148

Laboratory Control Sample (LCS)

(LCS) R3709341-2 09/28/21 00:29

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	40.2	80.4	50.0-150	
(S) o-Terphenyl			68.5	18.0-148	

L1403745-36 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1403745-36 09/28/21 02:58 • (MS) R3709341-3 09/28/21 03:11 • (MSD) R3709341-4 09/28/21 03:25

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 %
C10-C28 Diesel Range	51.6	U	42.4	40.2	82.2	78.9	1	50.0-150			5.31	20
(S) o-Terphenyl					64.7	63.4		18.0-148				

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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.

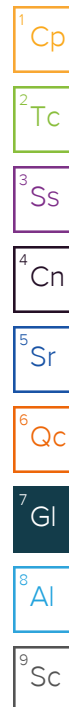
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. 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.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
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

B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.
J3	The associated batch QC was outside the established quality control range for precision.



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	LA000356
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.

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Chain of Custody

Work Order No: _____

61403745

Page 1 of 8

Project Manager:	Mike Carmona	Bill to: (if different)	Joe Vargo
Company Name:	NTG Environmental	Company Name:	NGL
Address:	701 Tradewinds BLVD	Address:	865 North Albion Street, Suite 400
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Denver, CO 80220
Phone:	432-813-0263	Email:	Joseph.Vargo@nqlp.com

Work Order Comments				
Program:	UST/PST ☐ PRP ☐	Brownfields ☐ RRC ☐	Superfund ☐	
State of Project:				
Reporting:	Level II ☐ Level III ☐	PST/UST ☐ RRP ☐	Level IV ☐	
Deliverables:	EDD ☐	ADaPT ☐	Other:	

[illegible]

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
1				2	
3				4	
5				6	

$$2.3 \pm 0 = 2.3 \text{ A} \cdot 2 \mu$$



Chain of Custody

Work Order No:

C1403745

Page 2 of 8

Project Manager:	Mike Carmona	Bill to: (if different)	Joe Vargo
Company Name:	NTG Environmental	Company Name:	NGL
Address:	701 Tradewinds BLVD	Address:	865 North Albion Street, Suite 400
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Denver, CO 80220
Phone:	432-813-0263	Email:	Joseph.Vargo@nglep.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		End Around Riser		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes					
Project Number:		214619		☒ Routine ☐ Rush																None: NO DI Water: H ₂ O					
Project Location:		Lea Co, NM		Due Date:																Cool: Cool MeOH: Me					
Sampler's Name:		ES		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO ₃ : HN					
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na					
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No		Parameters														H ₃ PO ₄ : HP	
Received Intact:		Yes No				Thermometer ID:				BTEX 8021B														NaHSO ₄ : NABIS	
Cooler Custody Seals:		Yes No N/A				Correction Factor:				TPH 8015M (GRO+DRO+MRO)														Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:		Yes No N/A				Temperature Reading:				Chloride 300														Zn Acetate+NaOH: Zn	
Total Containers:						Corrected Temperature:				HOLD														NaOH+Ascorbic Acid: SAPC	
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments					
CS-11 (0.5')		9/13/2021		x		Grab/	1	x	x	x													11		
CS-12 (0.5')		9/13/2021		x		Grab/	1	x	x	x													12		
CS-13 (0.5')		9/13/2021		x		Grab/	1	x	x	x													13		
CS-14 (0.5')		9/13/2021		x		Grab/	1	x	x	x													14		
CS-15 (0.5')		9/13/2021		x		Grab/	1	x	x	x													15		
CS-16 (0.5')		9/13/2021		x		Grab/	1	x	x	x													16		
CS-17 (0.5')		9/13/2021		x		Grab/	1	x	x	x													17		
CS-18 (0.5')		9/13/2021		x		Grab/	1	x	x	x													18		
CS-19 (0.5')		9/13/2021		x		Grab/	1	x	x	x													19		
CS-20 (0.5')		9/13/2021		x		Grab/	1	x	x	x													20		

Additional Comments:

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Relinquished by: (Signature)		Received by: (Signature)		Date/Time	Relinquished by: (Signature)		Received by: (Signature)		Date/Time
1 <i>[Signature]</i>		2 <i>[Signature]</i>		9-14-21 15:00	3 <i>[Signature]</i>		4 <i>[Signature]</i>		9/15/21 9:45
3		5			6				
5									



Chain of Custody

Work Order No: _____

L1403745

Page 3 of 8

Project Manager:	Mike Carmona	Bill to: (if different)	Joe Vargo
Company Name:	NTG Environmental	Company Name:	NGL
Address:	701 Tradewinds BLVD	Address:	865 North Albion Street, Suite 400
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Denver, CO 80220
Phone:	432-813-0263	Email:	Joseph.Vargo@nqlep.com

Work Order Comments	
Program:	UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:	
Reporting:	Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables:	EDD ☐ ADaPT ☐ Other:

Project Name:		End Around Riser		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes					
Project Number:	214619		☒ Routine ☐ Rush																	None: NO DI Water: H ₂ O					
Project Location	Lea Co, NM		Due Date:																	Cool: Cool MeOH: Me					
Sampler's Name:	ES		TAT starts the day received by the lab, if received by 4:30pm																	HCL: HC HNO ₃ : HN					
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na					
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No		Parameters														H ₃ PO ₄ : HP	
Received Intact:	Yes No		Thermometer ID:																				NaHSO ₄ : NABIS		
Cooler Custody Seals:	Yes No N/A		Correction Factor:																				Na ₂ S ₂ O ₃ : NaSO ₃		
Sample Custody Seals:	Yes No N/A		Temperature Reading:																				Zn Acetate+NaOH: Zn		
Total Containers:			Corrected Temperature:																				NaOH+Ascorbic Acid: SAPC		
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments					
CS-21 (0.5')		9/13/2021		x		Grab/	1	x	x	x													-21		
CS-22 (0.5')		9/13/2021		x		Grab/	1	x	x	x													-22		
CS-23 (0.5')		9/13/2021		x		Grab/	1	x	x	x													-23		
CS-24 (0.5')		9/13/2021		x		Grab/	1	x	x	x													-24		
CS-25 (0.5')		9/13/2021		x		Grab/	1	x	x	x													-25		
CS-26 (0.5')		9/13/2021		x		Grab/	1	x	x	x													-26		
CS-27 (0.5')		9/13/2021		x		Grab/	1	x	x	x													-27		
CS-28 (0.5')		9/13/2021		x		Grab/	1	x	x	x													-28		
CS-29 (0.5')		9/13/2021		x		Grab/	1	x	x	x													-29		
CS-30 (0.5')		9/13/2021		x		Grab/	1	x	x	x													-30		

Additional Comments:

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Relinquished by: (Signature)		Received by: (Signature)		Date/Time	Relinquished by: (Signature)		Received by: (Signature)		Date/Time
1		2		9/14/21 15:20	3		4		9/15/21 9:45
3					5				
5					6				

2.3 + 0 = 2.3 A2A

Chain of Custody

Work Order No: 61403745Page 4 of 8

Project Manager:	Mike Carmona	Bill to: (if different)	Joe Vargo
Company Name:	NTG Environmental	Company Name:	NGL
Address:	701 Tradewinds BLVD	Address:	865 North Albion Street, Suite 400
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Denver, CO 80220
Phone:	432-813-0263	Email:	Joseph.Vargo@nleap.com

Work Order Comments	
Program:	UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:	
Reporting:	Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables:	EDD ☐ ADaPT ☐ Other:

Project Name:		End Around Riser		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes			
Project Number:		214619		☒ Routine ☐ Rush		Due Date:		Parameters		HOLD												None: NO DI Water: H ₂ O	
Project Location:		Lea Co, NM		TAT starts the day received by the lab, if received by 4:30pm		BTEX 8021B		TPH 8015M (GRO+DRO+MRO)												Cool: Cool MeOH: Me			
Sampler's Name:		ES		Wet Ice: Yes No		Chloride 300														HCL: HC HNO ₃ : HN			
PO #:				Thermometer ID:																H ₂ SO ₄ : H ₂ NaOH: Na			
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice: Yes No																H ₃ PO ₄ : HP	
Received Intact:		Yes No		N/A		Correction Factor:																NaHSO ₄ : NABIS	
Cooler Custody Seals:		Yes No		N/A		Temperature Reading:																Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:		Yes No		N/A		Corrected Temperature:																Zn Acetate+NaOH: Zn	
Total Containers:																						NaOH+Ascorbic Acid: SAPC	
Sample Identification		Date	Time	Soil	Water	Grab/ Comp	# of Cont													Sample Comments			
CS-31 (0.5')		9/13/2021		x		Grab/	1	x	x	x								-31					
CS-32 (0.5')		9/13/2021		x		Grab/	1	x	x	x								-32					
CS-33 (0.5')		9/13/2021		x		Grab/	1	x	x	x								-33					
CS-34 (0.5')		9/13/2021		x		Grab/	1	x	x	x								-34					
CS-35 (0.5')		9/13/2021		x		Grab/	1	x	x	x								-35					
CS-36 (0.5')		9/13/2021		x		Grab/	1	x	x	x								-36					
CS-37 (0.5')		9/13/2021		x		Grab/	1	x	x	x								-37					
CS-38 (0.5')		9/13/2021		x		Grab/	1	x	x	x								-38					
CS-39 (0.5')		9/13/2021		x		Grab/	1	x	x	x								-39					
CS-40 (0.5')		9/13/2021		x		Grab/	1	x	x	x								-40					

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		9.14.21 15:20	2		9/15/21 9:45
3			4		
5			6		

Chain of Custody



Work Order No: _____

61403795

Page 5 of 8

Project Manager:	Mike Carmona	Bill to: (if different)	Joe Vargo
Company Name:	NTG Environmental	Company Name:	NGL
Address:	701 Tradewinds BLVD	Address:	865 North Albion Street, Suite 400
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Denver, CO 80220
Phone:	432-813-0263	Email:	Joseph.Vargo@nglep.com

Work Order Comments	
Program:	UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:	
Reporting:	Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐
Deliverables:	EDD ☐ ADaPT ☐ Other:

Project Name:		End Around Riser		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes					
Project Number:		214619		☒ Routine ☐ Rush																None: NO DI Water: H ₂ O					
Project Location:		Lea Co, NM		Due Date:																Cool: Cool MeOH: Me					
Sampler's Name:		ES		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO ₃ : HN					
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na					
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No		Parameters														H ₃ PO ₄ : HP	
Received Intact:		Yes No				Thermometer ID:				BTEX 8021B														NaHSO ₄ : NABIS	
Cooler Custody Seals:		Yes No N/A				Correction Factor:				TPH 8016M (GRO+DRO+MRO)														Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:		Yes No N/A				Temperature Reading:				Chloride 300														Zn Acetate+NaOH: Zn	
Total Containers:						Corrected Temperature:																		NaOH+Ascorbic Acid: SAPC	
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments					
CS-41 (0.5')		9/13/2021		x		Grab/	1	x	x	x													-41		
CS-42 (0.5')		9/13/2021		x		Grab/	1	x	x	x													-42		
CS-43 (0.5')		9/13/2021		x		Grab/	1	x	x	x													-43		
CS-44 (0.5')		9/13/2021		x		Grab/	1	x	x	x													-44		
CS-45 (0.5')		9/13/2021		x		Grab/	1	x	x	x													-45		
CS-46 (0.5')		9/13/2021		x		Grab/	1	x	x	x													-46		
CS-47 (0.5')		9/13/2021		x		Grab/	1	x	x	x													-47		
CS-48 (0.5')		9/13/2021		x		Grab/	1	x	x	x													-48		
CS-49 (0.5')		9/13/2021		x		Grab/	1	x	x	x													-49		
CS-50 (0.5')		9/13/2021		x		Grab/	1	x	x	x													-50		

Additional Comments:

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Relinquished by: (Signature)		Received by: (Signature)		Date/Time	Relinquished by: (Signature)		Received by: (Signature)		Date/Time
1				9-14-21 15:00	2				9/15/21 9:48
3					4				
5					6				



Chain of Custody

Work Order No: 21405745Page 6 of 8

Project Manager:	Mike Carmona	Bill to: (if different)	Joe Vargo
Company Name:	NTG Environmental	Company Name:	NGL
Address:	701 Tradewinds BLVD	Address:	865 North Albion Street, Suite 400
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Denver, CO 80220
Phone:	432-813-0263	Email:	Joseph.Vargo@nqlep.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ FRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		End Around Riser		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		214619		☒ Routine ☐ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location:		Lea Co, NM		Due Date:																Cool: Cool MeOH: Me							
Sampler's Name:		ES		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No														H ₃ PO ₄ : HP					
Received Intact:		Yes No		Thermometer ID:																NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:																Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-51 (0.5')		9/13/2021				x				Grab/		1		x x x												-51	
CS-52 (0.5')		9/13/2021				x				Grab/		1		x x x												-52	
CS-53 (0.5')		9/13/2021				x				Grab/		1		x x x												-53	
CS-54 (0.5')		9/13/2021				x				Grab/		1		x x x												-54	
CS-55 (0.5')		9/13/2021				x				Grab/		1		x x x												-55	
CS-56 (0.5')		9/13/2021				x				Grab/		1		x x x												-56	
CS-57 (0.5')		9/13/2021				x				Grab/		1		x x x												-57	
CS-58 (0.5')		9/13/2021				x				Grab/		1		x x x												-58	
CS-59 (0.5')		9/13/2021				x				Grab/		1		x x x												-59	
CS-60 (0.5')		9/13/2021				x				Grab/		1		x x x												-60	

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>[Signature]</i>	<i>[Signature]</i>	9/14/21 15:00	2 <i>[Signature]</i>	<i>[Signature]</i>	9/15/21 9:45
3			4		
5			6		

Chain of Custody

Work Order No: 61403745Page 7 of 8

Project Manager:	Mike Carmona	Bill to: (if different)	Joe Vargo
Company Name:	NTG Environmental	Company Name:	NGL
Address:	701 Tradewinds BLVD	Address:	865 North Albion Street, Suite 400
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Denver, CO 80220
Phone:	432-813-0263	Email:	Joseph.Vargo@nqlep.com

Work Order Comments	
Program:	UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:	
Reporting:	Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables:	EDD ☐ ADaPT ☐ Other:

Project Name:		End Around Riser		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes			
Project Number:		214619		☒ Routine ☐ Rush		Due Date:		Parameters														None: NO DI Water: H ₂ O	
Project Location:		Lea Co, NM		TAT starts the day received by the lab, if received by 4:30pm		BTEX 8021B														Cool: Cool MeOH: Me			
Sampler's Name:		ES				TPH 8015M (GRO+DRO+MRO)														HCL: HC HNO ₃ : HN			
PO #:						Chloride 300														H ₂ SO ₄ : H ₂ NaOH: Na			
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No														H ₃ PO ₄ : HP	
Received Intact:		Yes No		Thermometer ID:																NaHSO ₄ : NABIS			
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:		Yes No N/A		Temperature Reading:																Zn Acetate+NaOH: Zn			
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC			
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments			
CS-61 (0.5')		9/13/2021		x		Grab/	1	x	x	x								-61					
SW-1		9/13/2021		x		Comp	1	x	x	x								-62					
SW-2		9/13/2021		x		Comp	1	x	x	x								-63					
SW-3		9/13/2021		x		Comp	1	x	x	x								-64					
SW-4		9/13/2021		x		Comp	1	x	x	x								-65					
SW-5		9/13/2021		x		Comp	1	x	x	x								-66					
SW-6		9/13/2021		x		Comp	1	x	x	x								-67					
SW-7		9/13/2021		x		Comp	1	x	x	x								-68					
SW-8		9/13/2021		x		Comp	1	x	x	x								-69					
SW-9		9/13/2021		x		Comp	1	x	x	x								-70					

Additional Comments:

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Relinquished by: (Signature)		Received by: (Signature)		Date/Time	Relinquished by: (Signature)		Received by: (Signature)		Date/Time
1		2		9.14.21 15:00	3		4		9/15/21 9:45
3		4			5		6		
5		6							

Chain of Custody



Work Order No: _____

L1403745

Page 8 of 8

Project Manager:	Mike Carmona	Bill to: (if different)	Joe Vargo
Company Name:	NTG Environmental	Company Name:	NGL
Address:	701 Tradewinds BLVD	Address:	865 North Albion Street, Suite 400
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Denver, CO 80220
Phone:	432-813-0263	Email:	Joseph.Vargo@nqlep.com

Work Order Comments	
Program:	UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:	
Reporting:	Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐
Deliverables:	EDD ☐ ADaPT ☐ Other: _____

Project Name:		Turn Around		ANALYSIS REQUEST												Preservative Codes				
Project Number:	214619	☒ Routine ☐ Rush		Pres. Code													None: NO	DI Water: H ₂ O		
Project Location	Lea Co, NM	Due Date:		Parameters	BTEX 8021B	TPH 8015M (GRO+DRO+MRO)	Chloride 300										Cool: Cool	MeOH: Me		
Sampler's Name:	ES	TAT starts the day received by the lab, if received by 4:30pm															HCL: HC	HNO ₃ : HN		
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT		Temp Blank:	Yes No														Wet Ice:	Yes No	H ₃ PO ₄ : HP	
Received Intact:	Yes No	Thermometer ID:																NaHSO ₄ : NABIS		
Cooler Custody Seals:	Yes No N/A	Correction Factor:			Na ₂ S ₂ O ₃ : NaSO ₃															
Sample Custody Seals:	Yes No N/A	Temperature Reading:			Zn Acetate+NaOH: Zn															
Total Containers:		Corrected Temperature:			NaOH+Ascorbic Acid: SAPC															
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments			
SW-10	9/13/2021		x		Comp	1	x	x	x								-71			
SW-11	9/13/2021		x		Comp	1	x	x	x								-72			
SW-12	9/13/2021		x		Comp	1	x	x	x								-73			
SW-13	9/13/2021		x		Comp	1	x	x	x								-74			
SW-14	9/13/2021		x		Comp	1	x	x	x								-75			
SW-15	9/13/2021		x		Comp	1	x	x	x								-76			
SW-16	9/13/2021		x		Comp	1	x	x	x								-77			

Sample Receipt Checklist

COC Seal Present/Intact: Y N If Applicable

COC Signed/Accurate: X N VOA Zero Headspace: Y N

Bottles arrive intact: X N Pres. Correct/Check: Y N

Correct bottles used: X N

Sufficient volume sent: Y N

RAD Screen <0.5 mR/hr: Y N

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <u>[Signature]</u>	<u>[Signature]</u>	9/14/21 15:00	2 <u>[Signature]</u>	<u>[Signature]</u>	9/15/21 9:45
3			4		
5			6		

2.3±0=2.3±2.6



ANALYTICAL REPORT

October 21, 2021

NGL Water Solutions, LLC - Denver, CO

Sample Delivery Group: L1416978
Samples Received: 10/11/2021
Project Number: 214619
Description: End Around Riser

Report To: Mike Carmona
865 North Albion Street
Suite 400
Denver, CO 80220

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Entire Report Reviewed By:

Ayisha Raza
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 National12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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CS-25 (1') L1416978-01 Solid

Collected by
ES

Collected date/time
10/08/21 00:00

Received date/time
10/11/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1758164	1	10/16/21 15:45	10/16/21 15:55	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1759671	1	10/19/21 20:04	10/19/21 23:33	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1759750	1	10/16/21 16:36	10/20/21 09:36	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1759588	1	10/19/21 15:46	10/19/21 23:13	JAS	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

CS-62 (1') L1416978-02 Solid

Collected by
ES

Collected date/time
10/08/21 00:00

Received date/time
10/11/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1758164	1	10/16/21 15:45	10/16/21 15:55	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1759671	1	10/19/21 20:04	10/19/21 23:42	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1759750	1	10/16/21 16:36	10/20/21 10:00	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1759588	1	10/19/21 15:46	10/20/21 00:18	JAS	Mt. Juliet, TN

CS-63 (1') L1416978-03 Solid

Collected by
ES

Collected date/time
10/08/21 00:00

Received date/time
10/11/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1758164	1	10/16/21 15:45	10/16/21 15:55	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1759671	1	10/19/21 20:04	10/20/21 00:02	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1759750	1	10/16/21 16:36	10/20/21 10:23	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1759588	1	10/19/21 15:46	10/20/21 00:44	JAS	Mt. Juliet, TN

SW-17 L1416978-04 Solid

Collected by
ES

Collected date/time
10/08/21 00:00

Received date/time
10/11/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1758164	1	10/16/21 15:45	10/16/21 15:55	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1759671	1	10/19/21 20:04	10/20/21 00:12	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1759750	1	10/16/21 16:36	10/20/21 10:46	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1759588	1	10/19/21 15:46	10/19/21 23:26	JAS	Mt. Juliet, TN

SW-18 L1416978-05 Solid

Collected by
ES

Collected date/time
10/08/21 00:00

Received date/time
10/11/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1758164	1	10/16/21 15:45	10/16/21 15:55	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1759671	1	10/19/21 20:04	10/20/21 00:22	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1759750	1	10/16/21 16:36	10/20/21 11:10	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1759588	1	10/19/21 15:46	10/20/21 00:31	JAS	Mt. Juliet, TN

SW-19 L1416978-06 Solid

Collected by
ES

Collected date/time
10/08/21 00:00

Received date/time
10/11/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1758164	1	10/16/21 15:45	10/16/21 15:55	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1759671	1	10/19/21 20:04	10/20/21 00:32	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1759750	1	10/16/21 16:36	10/20/21 11:34	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1759588	1	10/19/21 15:46	10/20/21 00:57	JAS	Mt. Juliet, TN

SW-20 L1416978-07 Solid

Collected by
ES

Collected date/time
10/08/21 00:00

Received date/time
10/11/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1758165	1	10/16/21 15:58	10/16/21 16:09	CMK	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1759671	1	10/19/21 20:04	10/20/21 00:42	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1759750	1	10/16/21 16:36	10/20/21 12:14	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1759588	1	10/19/21 15:46	10/20/21 02:19	JAS	Mt. Juliet, TN

1Cp

2Tc

3Ss

4Cn

5Sr

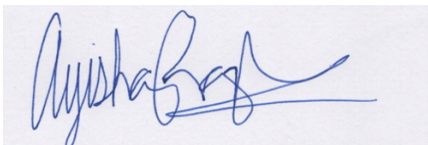
6Qc

7Gl

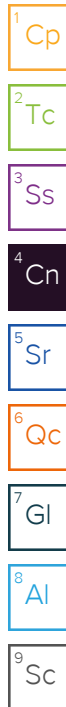
8Al

9Sc

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.



Ayisha Raza
Project Manager



Collected date/time: 10/08/21 00:00

L1416978

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	96.9		1	10/16/2021 15:55	WG1758164

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	11.7	J	9.50	20.6	1	10/19/2021 23:33	WG1759671

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.00113		0.000124	0.000516	1	10/20/2021 09:36	WG1759750
Toluene	0.00239	J	0.000155	0.00516	1	10/20/2021 09:36	WG1759750
Ethylbenzene	0.000362	J	0.000114	0.000516	1	10/20/2021 09:36	WG1759750
Total Xylene	0.00136	J	0.000475	0.00155	1	10/20/2021 09:36	WG1759750
TPH (GC/FID) Low Fraction	0.0487	J	0.0224	0.103	1	10/20/2021 09:36	WG1759750
(S) a,a,a-Trifluorotoluene(FID)	95.7			77.0-120		10/20/2021 09:36	WG1759750
(S) a,a,a-Trifluorotoluene(PID)	96.3			72.0-128		10/20/2021 09:36	WG1759750

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	2.24	J	1.66	4.13	1	10/19/2021 23:13	WG1759588
C28-C36 Motor Oil Range	7.74		0.283	4.13	1	10/19/2021 23:13	WG1759588
(S) o-Terphenyl	98.5			18.0-148		10/19/2021 23:13	WG1759588

Collected date/time: 10/08/21 00:00

L1416978

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.0		1	10/16/2021 15:55	WG1758164

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	13.0	<u>J</u>	11.1	24.1	1	10/19/2021 23:42	WG1759671

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.000190	<u>J</u>	0.000145	0.000602	1	10/20/2021 10:00	WG1759750
Toluene	0.000594	<u>J</u>	0.000181	0.00602	1	10/20/2021 10:00	WG1759750
Ethylbenzene	U		0.000133	0.000602	1	10/20/2021 10:00	WG1759750
Total Xylene	U		0.000554	0.00181	1	10/20/2021 10:00	WG1759750
TPH (GC/FID) Low Fraction	0.0399	<u>J</u>	0.0261	0.120	1	10/20/2021 10:00	WG1759750
(S) a,a,a-Trifluorotoluene(FID)	96.3			77.0-120		10/20/2021 10:00	WG1759750
(S) a,a,a-Trifluorotoluene(PID)	96.9			72.0-128		10/20/2021 10:00	WG1759750

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	1.96	<u>J</u>	1.94	4.82	1	10/20/2021 00:18	WG1759588
C28-C36 Motor Oil Range	0.608	<u>J</u>	0.330	4.82	1	10/20/2021 00:18	WG1759588
(S) o-Terphenyl	83.9			18.0-148		10/20/2021 00:18	WG1759588

Collected date/time: 10/08/21 00:00

L1416978

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	96.8		1	10/16/2021 15:55	WG1758164

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		9.50	20.7	1	10/20/2021 00:02	WG1759671

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.000258	J	0.000124	0.000517	1	10/20/2021 10:23	WG1759750
Toluene	0.000559	J	0.000155	0.00517	1	10/20/2021 10:23	WG1759750
Ethylbenzene	0.000193	J	0.000114	0.000517	1	10/20/2021 10:23	WG1759750
Total Xylene	U		0.000475	0.00155	1	10/20/2021 10:23	WG1759750
TPH (GC/FID) Low Fraction	0.0338	J	0.0224	0.103	1	10/20/2021 10:23	WG1759750
(S) a,a,a-Trifluorotoluene(FID)	96.0			77.0-120		10/20/2021 10:23	WG1759750
(S) a,a,a-Trifluorotoluene(PID)	96.8			72.0-128		10/20/2021 10:23	WG1759750

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	2.11	J	1.66	4.13	1	10/20/2021 00:44	WG1759588
C28-C36 Motor Oil Range	3.14	J	0.283	4.13	1	10/20/2021 00:44	WG1759588
(S) o-Terphenyl	98.6			18.0-148		10/20/2021 00:44	WG1759588

Collected date/time: 10/08/21 00:00

L1416978

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.3		1	10/16/2021 15:55	WG1758164

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	15.3	<u>J</u>	11.0	24.0	1	10/20/2021 00:12	WG1759671

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000144	0.000600	1	10/20/2021 10:46	WG1759750
Toluene	0.000554	<u>J</u>	0.000180	0.00600	1	10/20/2021 10:46	WG1759750
Ethylbenzene	0.00144		0.000132	0.000600	1	10/20/2021 10:46	WG1759750
Total Xylene	0.00482		0.000552	0.00180	1	10/20/2021 10:46	WG1759750
TPH (GC/FID) Low Fraction	0.0619	<u>J</u>	0.0261	0.120	1	10/20/2021 10:46	WG1759750
(S) a,a,a-Trifluorotoluene(FID)	96.5			77.0-120		10/20/2021 10:46	WG1759750
(S) a,a,a-Trifluorotoluene(PID)	97.3			72.0-128		10/20/2021 10:46	WG1759750

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	2.32	<u>J</u>	1.93	4.80	1	10/19/2021 23:26	WG1759588
C28-C36 Motor Oil Range	3.37	<u>J</u>	0.329	4.80	1	10/19/2021 23:26	WG1759588
(S) o-Terphenyl	95.1			18.0-148		10/19/2021 23:26	WG1759588

Collected date/time: 10/08/21 00:00

L1416978

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.2		1	10/16/2021 15:55	WG1758164

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	10.2	J	9.67	21.0	1	10/20/2021 00:22	WG1759671

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.000338	J	0.000126	0.000525	1	10/20/2021 11:10	WG1759750
Toluene	0.000531	J	0.000158	0.00525	1	10/20/2021 11:10	WG1759750
Ethylbenzene	U		0.000116	0.000525	1	10/20/2021 11:10	WG1759750
Total Xylene	U		0.000483	0.00158	1	10/20/2021 11:10	WG1759750
TPH (GC/FID) Low Fraction	0.0409	J	0.0228	0.105	1	10/20/2021 11:10	WG1759750
(S) a,a,a-Trifluorotoluene(FID)	95.9			77.0-120		10/20/2021 11:10	WG1759750
(S) a,a,a-Trifluorotoluene(PID)	96.7			72.0-128		10/20/2021 11:10	WG1759750

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	2.02	J	1.69	4.20	1	10/20/2021 00:31	WG1759588
C28-C36 Motor Oil Range	2.74	J	0.288	4.20	1	10/20/2021 00:31	WG1759588
(S) o-Terphenyl	95.2			18.0-148		10/20/2021 00:31	WG1759588

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 10/08/21 00:00

L1416978

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	96.4		1	10/16/2021 15:55	WG1758164

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	U		9.54	20.7	1	10/20/2021 00:32	WG1759671

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000124	0.000519	1	10/20/2021 11:34	WG1759750
Toluene	0.000428	<u>J</u>	0.000156	0.00519	1	10/20/2021 11:34	WG1759750
Ethylbenzene	U		0.000114	0.000519	1	10/20/2021 11:34	WG1759750
Total Xylene	U		0.000477	0.00156	1	10/20/2021 11:34	WG1759750
TPH (GC/FID) Low Fraction	0.0371	<u>J</u>	0.0225	0.104	1	10/20/2021 11:34	WG1759750
(S) a,a,a-Trifluorotoluene(FID)	95.9			77.0-120		10/20/2021 11:34	WG1759750
(S) a,a,a-Trifluorotoluene(PID)	96.8			72.0-128		10/20/2021 11:34	WG1759750

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	2.24	<u>J</u>	1.67	4.15	1	10/20/2021 00:57	WG1759588
C28-C36 Motor Oil Range	4.29		0.284	4.15	1	10/20/2021 00:57	WG1759588
(S) o-Terphenyl	109			18.0-148		10/20/2021 00:57	WG1759588

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 10/08/21 00:00

L1416978

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	96.6		1	10/16/2021 16:09	WG1758165

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	10.7	J	9.53	20.7	1	10/20/2021 00:42	WG1759671

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.000238	J	0.000124	0.000518	1	10/20/2021 12:14	WG1759750
Toluene	0.000596	J	0.000155	0.00518	1	10/20/2021 12:14	WG1759750
Ethylbenzene	U		0.000114	0.000518	1	10/20/2021 12:14	WG1759750
Total Xylene	0.000610	J	0.000476	0.00155	1	10/20/2021 12:14	WG1759750
TPH (GC/FID) Low Fraction	0.0482	J	0.0225	0.104	1	10/20/2021 12:14	WG1759750
(S) a,a,a-Trifluorotoluene(FID)	96.3			77.0-120		10/20/2021 12:14	WG1759750
(S) a,a,a-Trifluorotoluene(PID)	97.1			72.0-128		10/20/2021 12:14	WG1759750

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	22.8		1.67	4.14	1	10/20/2021 02:19	WG1759588
C28-C36 Motor Oil Range	34.3		0.284	4.14	1	10/20/2021 02:19	WG1759588
(S) o-Terphenyl	95.9			18.0-148		10/20/2021 02:19	WG1759588

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 [L1416978-01,02,03,04,05,06](#)

Method Blank (MB)

(MB) R3717862-1 10/16/21 15:55

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

L1416978-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1416978-01 10/16/21 15:55 • (DUP) R3717862-3 10/16/21 15:55

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	%	%		%		%
Total Solids	96.9	96.7	1	0.145		10

Laboratory Control Sample (LCS)

(LCS) R3717862-2 10/16/21 15:55

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

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Total Solids by Method 2540 G-2011 [L1416978-07](#)

Method Blank (MB)

(MB) R3717866-1 10/16/21 16:09

	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.00100			

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

L1417323-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1417323-01 10/16/21 16:09 • (DUP) R3717866-3 10/16/21 16:09

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	87.5	86.6	1	1.07		10

Laboratory Control Sample (LCS)

(LCS) R3717866-2 10/16/21 16:09

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

⁷Gl

⁸Al

⁹Sc

Wet Chemistry by Method 300.0

[L1416978-01,02,03,04,05,06,07](#)

Method Blank (MB)

(MB) R3719058-3 10/19/21 21:05

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

L1415581-26 Original Sample (OS) • Duplicate (DUP)

(OS) L1415581-26 10/19/21 22:13 • (DUP) R3719058-5 10/19/21 22:23

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	607	617	10	1.57		20

L1416978-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1416978-02 10/19/21 23:42 • (DUP) R3719058-8 10/19/21 23:52

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	13.0	13.6	1	4.44	⬇	20

Laboratory Control Sample (LCS)

(LCS) R3719058-4 10/19/21 21:14

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	200	200	100	90.0-110	

L1415581-26 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1415581-26 10/19/21 22:13 • (MS) R3719058-6 10/19/21 22:33 • (MSD) R3719058-7 10/19/21 22:43

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	634	607	1290	1260	108	103	10	80.0-120			2.30	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Volatile Organic Compounds (GC) by Method 8015/8021

[L1416978-01,02,03,04,05,06,07](#)

Method Blank (MB)

(MB) R3719637-3 10/20/21 06:50

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000120	0.000500
Toluene	U		0.000150	0.00500
Ethylbenzene	U		0.000110	0.000500
Total Xylene	U		0.000460	0.00150
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	96.9			77.0-120
(S) a,a,a-Trifluorotoluene(PID)	98.0			72.0-128

Laboratory Control Sample (LCS)

(LCS) R3719637-1 10/20/21 05:39

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	4.39	79.8	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			96.7	77.0-120	
(S) a,a,a-Trifluorotoluene(PID)			99.3	72.0-128	

Laboratory Control Sample (LCS)

(LCS) R3719637-2 10/20/21 06:03

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0437	87.4	76.0-121	
Toluene	0.0500	0.0420	84.0	80.0-120	
Ethylbenzene	0.0500	0.0430	86.0	80.0-124	
Total Xylene	0.150	0.137	91.3	37.0-160	
(S) a,a,a-Trifluorotoluene(FID)			97.9	77.0-120	
(S) a,a,a-Trifluorotoluene(PID)			97.1	72.0-128	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3718722-1 10/19/21 21:30

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C36 Motor Oil Range	U		0.274	4.00
(S) o-Terphenyl	85.6			18.0-148

Laboratory Control Sample (LCS)

(LCS) R3718722-2 10/19/21 21:42

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	44.4	88.8	50.0-150	
(S) o-Terphenyl			122	18.0-148	

L1416978-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1416978-06 10/20/21 00:57 • (MS) R3718722-3 10/20/21 01:10 • (MSD) R3718722-4 10/20/21 01:23

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 %
C10-C28 Diesel Range	51.2	2.24	40.2	47.0	74.2	87.3	1	50.0-150			15.5	20
(S) o-Terphenyl					105	111		18.0-148				

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Guide to Reading and Understanding Your Laboratory Report

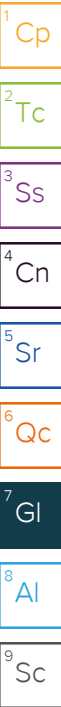
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
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
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	LA000356
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.

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Chain of Custody

D161

Work Order No: 4416 978Page 1 of 1

Project Manager:	Mike Carmona	Bill to: (if different)	Joe Vargo
Company Name:	NTG Environmental	Company Name:	NGL
Address:	701 Tradewinds BLVD	Address:	865 North Albion Street, Suite 400
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Denver, CO 80220
Phone:	406-868-9799	Email:	Joseph.Vargo@nqlep.com

Work Order Comments	
Program:	UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:	
Reporting:	Level II ☐ Level III ☐ PST/UST ☐ FRRP ☐ Level IV ☐
Deliverables:	EDD ☐ ADaPT ☐ Other: ☐

Project Name:		End Around Riser		Turn Around		Pres. Code		ANALYSIS REQUEST										Preservative Codes							
Project Number:		214619		☐ Routine ☒ Rush														None: NO DI Water: H ₂ O							
Project Location		Lea Co, NM		Due Date:		48 Hours												Cool: Cool MeOH: Me							
Sampler's Name:		ES		TAT starts the day received by the lab, if received by 4:30pm														HCL: HC HNO ₃ : HN							
PO #:																		H ₂ S ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No												H ₃ PO ₄ : HP					
Received Intact:		Yes No		Thermometer ID:														NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:														Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:														Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:														NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont												Sample Comments	
CS-25 (1')		10/8/2021				X				C		1		X X X										-01	
CS-62 (1')		10/8/2021				X				C		1		X X X										-02	
CS-63 (1')		10/8/2021				X				C		1		X X X										-03	
SW-17		10/8/2021				X				C		1		X X X										-04	
SW-18		10/8/2021				X				C		1		X X X										-05	
SW-19		10/8/2021				X				C		1		X X X										-06	
SW-20		10/8/2021				X				C		1		X X X										-07	

Additional Comments:	17.3 to 17.32	8164 4776 3302	MON 50	count = 7.402
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Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			2		10-11-21 1000
3			4		
5			6		

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 58218

CONDITIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 58218
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	None	12/2/2021