



SITE CHARACTERIZATION, REMEDIATION AND CLOSURE REPORT

**LAKEWOOD 28 FED COM #749/759 PAD
UNIT O, SECTION 28, TOWNSHIP 25S, RANGE 34E
LEA COUNTY, NEW MEXICO
32.094924, -103.473235
RANGER REFERENCE NO. 5198**

PREPARED FOR:

**EOG RESOURCES, INC.
MIDLAND DIVISION
5509 CHAMPIONS DRIVE
MIDLAND, TEXAS 79706**

PREPARED BY:

**RANGER ENVIRONMENTAL SERVICES, LLC
P.O. BOX 201179
AUSTIN, TEXAS 78720**

JULY 12, 2022


**Patrick K. Finn, P.G. (TX)
Project Geologist**


**William Kierdorf, REM
Project Manager**

TABLE OF CONTENTS

1.0	SITE LOCATION AND BACKGROUND	1
2.0	SITE CHARACTERIZATION	1
2.1	Depth-to-Groundwater	1
2.2	Wellhead Protection Area	2
2.3	Distance to Nearest Significant Watercourse	2
2.4	Closure Criteria.....	2
3.0	SITE REMEDIATION	2
3.1	June 3 & 6, 2022	2
3.2	June 27, 2022	3
3.3	Final Confirmation Sample Results	3
3.5	Waste Disposal.....	3
4.0	SITE CLOSURE.....	4
4.1	Site Backfill	4
4.2	Closure Request.....	4

FORM C-141**FIGURES**

- Topographic Map
- Area Map
- Karst Topography Map
- Final Confirmation Soil Sample Location Map

TABLES

- Confirmation Soil Sample BTEX (EPA 8260), TPH (EPA 8015) & Chloride (EPA 300) Analytical Data

ATTACHMENTS

- Attachment 1 – Depth-to-Groundwater Data
- Attachment 2 – Photographic Documentation
- Attachment 3 – Laboratory Analytical Reports



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1.0 SITE LOCATION AND BACKGROUND

On April 13, 2022, a release was discovered at the Lakewood 28 Fed Com #749/759 pad (Site). The release was noted to be originating from a pump down tank where a valve on a water line was inadvertently left open allowing the tank to overflow. The Site is located approximately 16.3 miles southwest of Jal, within Lea County, New Mexico in Unit O, Section 28, T25S-R34E at GPS coordinates 32.094924, -103.473235.

Approximately 125 barrels (bbls) of treated reuse water were released. Upon discovery, emergency vacuum trucks were dispatched to the location and were successful in recovering approximately 115 bbls of the released fluids. The incident was reported to the New Mexico Oil Conservation Division (NMOCD) on April 13, 2022 (Incident # nAPP2211851010). EOG Resources, Inc. (EOG) subsequently engaged Ranger Environmental Services, Inc. (Ranger) to assist in the remediation efforts at the Site.

The following *Site Characterization, Remediation, and Closure Report* has been prepared to document the site characterization details and the completed remediation and confirmation soil sampling activities.

A copy of the previously submitted Form C-141 Release Notification is attached. Additionally, current versions of the Assessment/Characterization, Remediation, and Closure sections of Form C-141 are attached. A *Topographic Map* and *Area Map* noting the location of the subject Site and surrounding areas, and a *Site Map* illustrating the Site features and sampling locations, are provided in the Figures section.

2.0 SITE CHARACTERIZATION

2.1 Depth-to-Groundwater

To determine the depth-to-groundwater in the vicinity of the Site, data available from the U.S. Geological Survey (USGS) and the New Mexico Office of the State Engineer (NMOSE) was reviewed. Based upon the reviewed information, water well information within a half-mile is limited, and no water wells were identified within a half-mile of the Site. Based on the available information, depth-to-groundwater appears to be greater than 100 feet below ground surface (bgs). Copies of the reviewed depth-to-groundwater information are attached.

2.2 Wellhead Protection Area

Based upon the available USGS and NMOSE water well data, no water wells are present within a half-mile of the Site.

Upon review of the National Wetland Inventory, no mapped features are present within a mile of the Site.

The Site and impacted area are outside of the FEMA 100-year flood plain and fall in the area of minimal flood hazard.

The Site is noted to be in an area of "Low Karst" probability.

2.3 Distance to Nearest Significant Watercourse

Based upon available online resources, no significant watercourses are located within a half-mile of the Site.

2.4 Closure Criteria

Based upon the Site characterization details, and per NMAC 19.15.29.12, the Site was remediated to Table 1 19.15.29.12 NMAC (groundwater ≤ 50 feet) criteria. Additionally, the remediation activities were conducted to bring the area into compliance with the Restoration, Reclamation and Re-Vegetation criteria detailed in 19.15.29.13 NMAC. The proposed closure criteria are detailed below:

REGULATORY STANDARD	CHLORIDE	TPH (GRO+DRO+MRO)	BTEX	BENZENE
19.15.29.12 NMAC Table 1 Closure Criteria for Soils Impacted by a Release (GW $\leq 50'$) & 19.15.29.13 NMAC Restoration, Reclamation and Re-Vegetation (Soils 0'-4')	600	100	50	10

All Values Presented in Parts Per Million (mg/Kg)

3.0 SITE REMEDIATION

Between the date of the release and prior to Ranger's initial site visit on June 3, 2022, representatives of EOG excavated the release area in order to remove the affected soils. Upon Ranger's arrival at the site on June 3, 2022, the excavated area was noted to have dimensions of approximately 224 feet by 173 feet and had a maximum depth of approximately 14 feet bgs.

3.1 June 3 & 6, 2022

On June 3 and 6, 2022, Ranger personnel mobilized to the Site to conduct cleanup confirmation soil sampling activities. To confirm that the excavation had been completed to appropriate

boundaries, the cleanup confirmation soil samples were collected as five-part composite samples in accordance with NMAC 19.15.29.12(D), with each sample representing no more than 200 square feet. A total of 134 excavation base samples and 26 excavation wall samples were collected during the June 3 and 6, 2022 assessment activities.

The cleanup confirmation soil samples were submitted to Eurofins Xenco laboratory in Carlsbad, New Mexico for analysis of total petroleum hydrocarbons (TPH) using EPA method 8015; benzene, toluene, ethylbenzene and xylenes (BTEX) using EPA Method 8021; and total chloride using EPA Method 300. The samples were collected and managed using standard QA/QC and chain-of-custody procedures.

3.2 June 27, 2022

Upon review of the June 3 and 6, 2022 laboratory sample results, one wall sample ("W-3") and one excavation base sample ("B-80") were identified to have chemical of concern (COC) concentrations in exceedance of the above-summarized target Table 1 closure criteria. All of the other cleanup confirmation soil sample results were documented to contain COC concentrations below the target Table 1 closure criteria.

To address the two areas remaining in exceedance of the target site closure criteria, representatives of EOG and Ranger returned to the Site on June 27, 2022 to conduct additional soil removal operations. Field chloride titration kits and an organic vapor monitor (OVM) were utilized to determine when the two excavated areas appeared to have attained the target site closure criteria. To confirm that the areas were in attainment of the applicable Table 1 criteria, additional cleanup confirmation soil samples were collected. Once again, the confirmation samples were collected in accordance with NMAC 19.15.29.12(D), with each sample representing no more than 200 square feet.

Upon collection, the cleanup confirmation soil samples were submitted to Eurofins Xenco laboratory in Carlsbad, New Mexico for analysis of BTEX, TPH, and total chloride using the aforementioned laboratory methods. The samples were collected and managed using standard QA/QC and chain-of-custody procedures.

A *Final Confirmation Sample Location Map* is attached which illustrates the final excavation boundaries and cleanup confirmation sample locations.

3.3 Final Cleanup Confirmation Sample Results

Upon review of the final cleanup confirmation sample results, all areas were documented to have been brought into attainment of the Table 1 (groundwater ≤50 feet) criteria and the Restoration, Reclamation and Re-Vegetation criteria detailed in 19.15.29.13 NMAC. A comprehensive sample results table summarizing the laboratory analytical results for all samples collected during the remediation process is attached. Copies of the laboratory analytical reports, including chain-of-custody documentation, are also attached.

3.5 Waste Disposal

All excavated soils were transported and disposed of at an approved disposal facility in New Mexico. Copies of the soil manifests can be obtained upon request.

4.0 SITE CLOSURE

4.1 Site Backfill

Based on the soil sample laboratory results, the excavated area will be backfilled with clean fill material in accordance with NMAC 19.15.29.12 and NMAC 19.15.29.13.

4.2 Closure Request

Based on the results of the cleanup confirmation soil sampling events, the site has been properly addressed pursuant to NMAC 19.15.29 and EOG respectfully requests closure of the incident. A final C-141 form is attached.

FORM C-141

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	nAPP2211851010
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources	OGRID 7377
Contact Name Todd Wells	Contact Telephone (432) 686-3613
Contact email Todd_Wells@eogresources.com	Incident # (assigned by OCD) nAPP2211851010
Contact mailing address 5509 Champions Drive Midland, TX 79706	

Location of Release Source

Latitude 32.094924° Longitude -103.473235°
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Lakewood 28 Fed Com #749/759 Pad	Site Type Well Pad
Date Release Discovered 4/13/22	API# (if applicable)

Unit Letter	Section	Township	Range	County
O	28	25S	34E	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)
☒ Reuse Water	Volume Released (bbls) 125	Volume Recovered (bbls) 115
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: The valve was left open on the water line going to the pump down tank. This allowed the tank to overflow and release approximately 125 bbls of treated reuse water on to the pad with 115 bbls recovered. 25 bbls/minute x 5 minutes = 125 bbls

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2211851010
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? More than 25 bbls
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? E-mail notification to OCD Enviro Inbox on 4/13/22.	

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: <u>Todd Wells</u> Title: <u>Environmental Specialist</u> Signature: <u>Todd Wells</u> Date: <u>4-28-22</u> email: <u>Todd_Wells@eogresources.com</u> Telephone: <u>(432) 686-3613</u>
<u>OCD Only</u> Received by: <u>Jocelyn Harimon</u> Date: <u>04/28/2022</u>

Incident ID	nAPP2211851010
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>>100'</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	nAPP2211851010
District RP	
Facility ID	
Application ID	

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: James F. Kennedy Title: Environmental Specialist
Signature: James F Kennedy Date: 07/18/2022
email: james_kennedy@eogresources.com Telephone: 432-258-4346

OCD Only

Received by: _____ Date: _____

Incident ID	nAPP2211851010
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: James F. Kennedy Title: Environmental Specialist
Signature: James F Kennedy Date: 07/18/2022
email: james_kennedy@eogresources.com Telephone: 432-258-4346

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

Incident ID	nAPP2211851010
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: James F. Kennedy Title: Environmental Specialist
Signature: James F Kennedy Date: 07/18/2022
email: james_kennedy@eogresources.com Telephone: 432-258-4346

OCD Only

Received by: _____ Date: _____

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: Jennifer Nobui Date: 07/25/2022
Printed Name: Jennifer Nobui Title: Environmental Specialist A

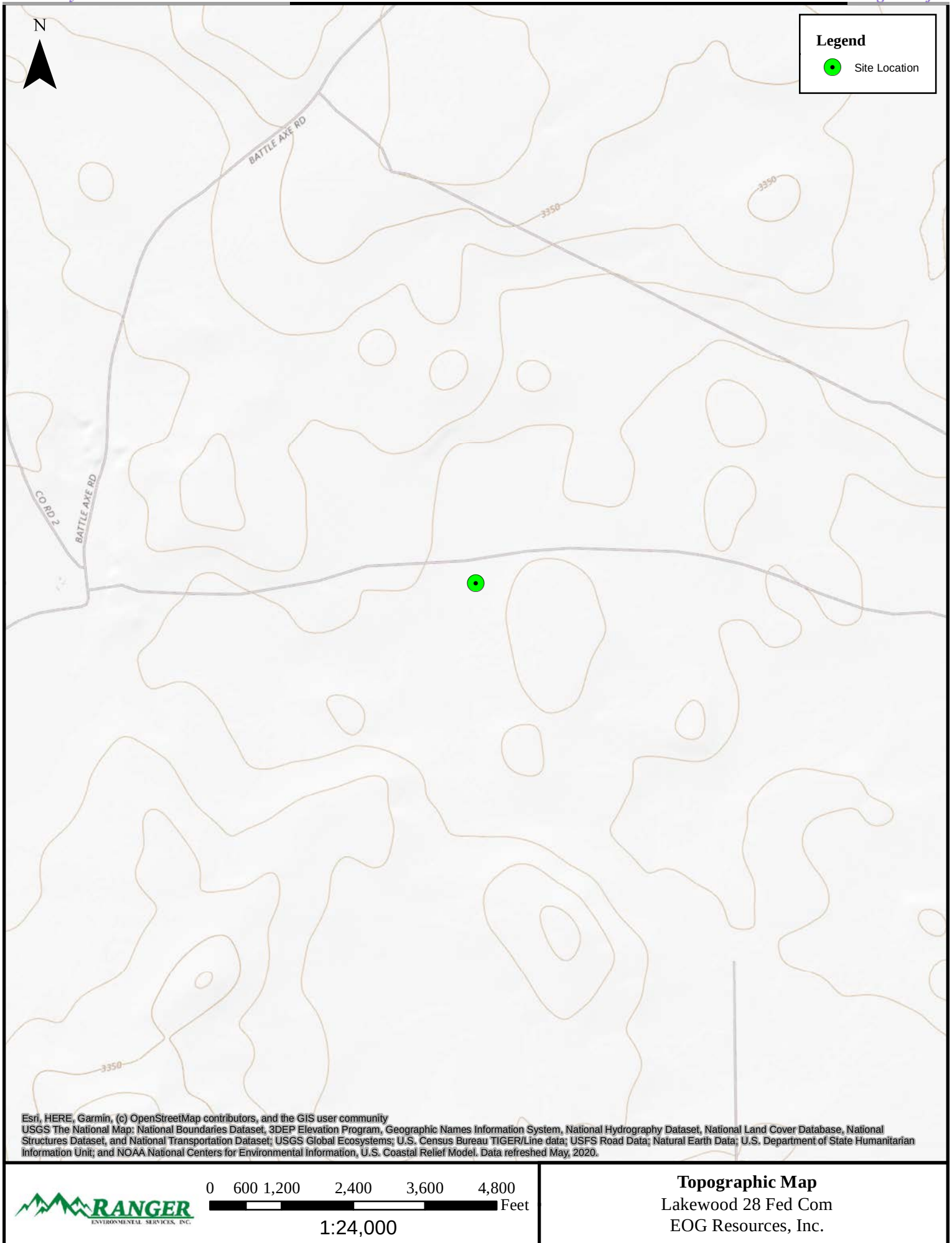
FIGURES

Topographic Map

Area Map

Karst Topography Map

Final Confirmation Soil Sample Location Map





Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



0 250 500 1,000 1,500 2,000 Feet

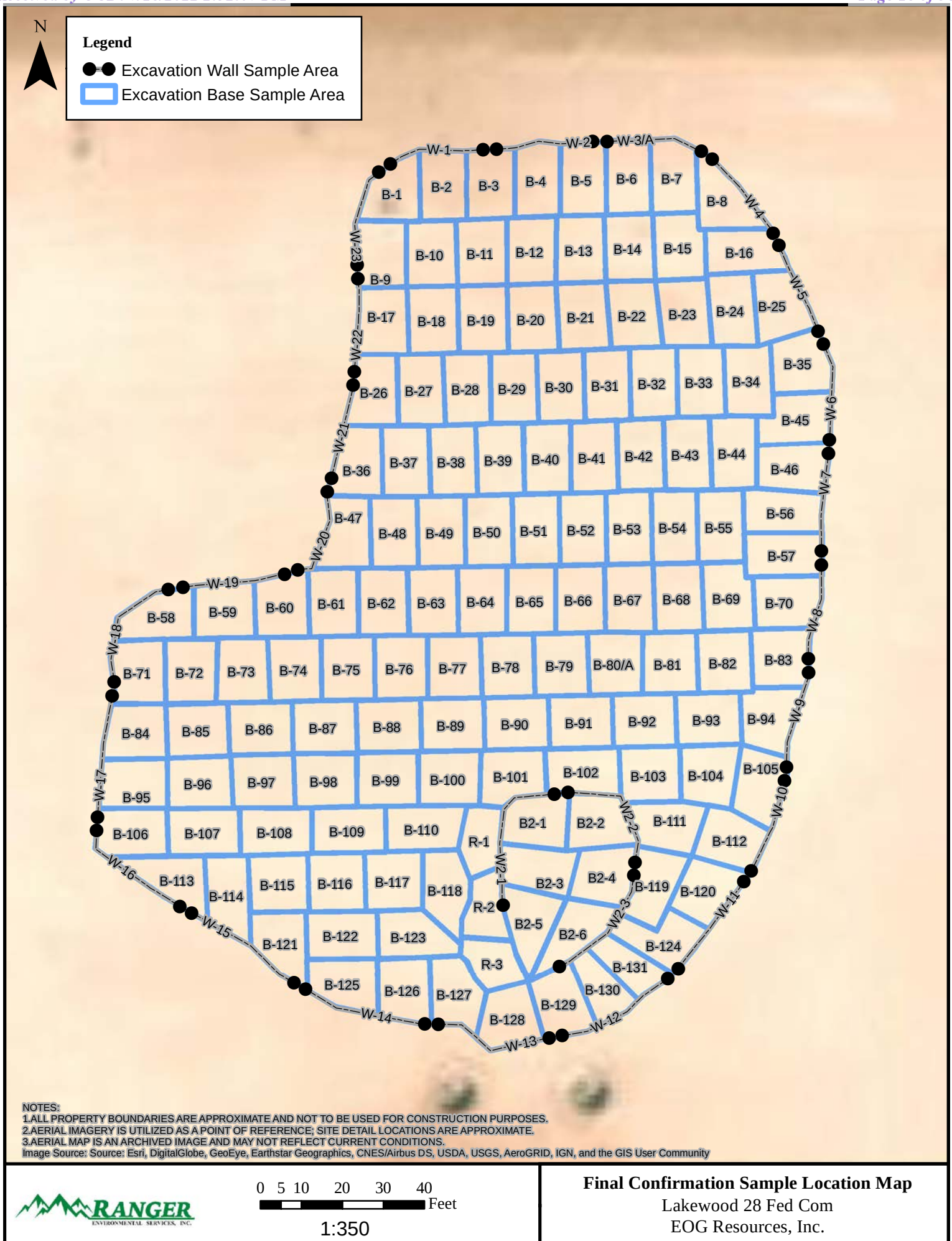
1:10,000

Area Map
Lakewood 28 Fed Com
EOG Resources, Inc.



0 250 500 1,000 1,500 2,000 Feet
1:10,000

Karst Topography Map
Lakewood 28 Fed Com
EOG Resources, Inc.



TABLES

Confirmation Soil Sample BTEX (EPA 8260), TPH (EPA 8015) &
Chloride (EPA 300) Analytical Data

CONFIRMATION SOIL SAMPLE BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA													
EOG MIDLAND													
LAKEWOOD 28 FED COM													
All values presented in parts per million (mg/Kg)													
SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+MRO)	CHLORIDE
Excavation Base Samples													
B-1	6/3/22	7'-8"	<0.000387	<0.000458	<0.000567	<0.00101	<0.00101	<15.0	<15.0	<15.0	<15.0	<15.0	21.2
B-2	6/3/22	7'-8"	<0.000386	<0.000457	<0.000566	<0.00101	<0.00101	<15.0	<15.0	<15.0	<15.0	<15.0	7.78
B-3	6/3/22	7'-8"	<0.000384	<0.000455	<0.000564	<0.00101	<0.00101	<15.0	<15.0	<15.0	<15.0	<15.0	11.0
B-4	6/3/22	7'-8"	<0.000385	<0.000456	<0.000565	<0.00101	<0.00101	<15.0	<15.0	<15.0	<15.0	<15.0	11.9
B-5	6/3/22	7'-8"	<0.000388	<0.000460	<0.000570	<0.00102	<0.00102	<15.0	<15.0	<15.0	<15.0	<15.0	12.9
B-6	6/3/22	7'-8"	<0.000383	<0.000454	<0.000563	<0.00101	<0.00101	<15.0	<15.0	<15.0	<15.0	<15.0	61.6
B-7	6/3/22	7'-8"	<0.000383	<0.000454	<0.000563	<0.00101	<0.00101	<15.0	<15.0	<15.0	<15.0	<15.0	59.2
B-8	6/3/22	7'-8"	<0.000386	<0.000457	<0.000566	<0.00101	<0.00101	<15.0	<15.0	<15.0	<15.0	<15.0	6.54
B-9	6/3/22	7'-8"	<0.000388	<0.000460	<0.000570	<0.00102	<0.00102	<15.0	<15.0	<15.0	<15.0	<15.0	15.5
B-10	6/3/22	7'-8"	<0.000384	<0.000455	<0.000564	<0.00101	<0.00101	<15.0	<15.0	<15.0	<15.0	<15.0	14.0
B-11	6/3/22	7'-8"	<0.000381	<0.000451	<0.000559	<0.00100	<0.00100	<15.0	<15.0	<15.0	<15.0	<15.0	13.4
B-12	6/3/22	7'-8"	<0.000382	<0.000452	<0.000561	<0.00100	<0.00100	<15.0	<15.0	<15.0	<15.0	<15.0	11.2
B-13	6/3/22	7'-8"	<0.000383	<0.000454	<0.000563	<0.00101	<0.00101	<15.0	<15.0	<15.0	<15.0	<15.0	10.2
B-14	6/3/22	7'-8"	<0.000383	<0.000453	<0.000562	<0.00100	<0.00100	<15.0	<15.0	<15.0	<15.0	<15.0	16.9
B-15	6/3/22	7'-8"	<0.000385	<0.000456	<0.000565	<0.00101	<0.00101	<15.0	<15.0	<15.0	<15.0	<15.0	12.8
B-16	6/3/22	7'-8"	<0.000387	<0.000459	<0.000568	<0.00102	<0.00102	<15.0	<15.0	<15.0	<15.0	<15.0	19.2
B-17	6/3/22	7'-8"	<0.000389	<0.000461	<0.000571	<0.00102	<0.00102	<14.9	<14.9	<14.9	<14.9	<14.9	7.13
B-18	6/3/22	7'-8"	<0.000388	<0.000460	<0.000570	<0.00102	<0.00102	<14.9	<14.9	<14.9	<14.9	<14.9	9.95
B-19	6/3/22	7'-8"	<0.000387	<0.000459	<0.000568	<0.00102	<0.00102	<15.0	<15.0	<15.0	<15.0	<15.0	7.11
B-20	6/3/22	7'-8"	<0.000386	<0.000457	<0.000566	<0.00101	<0.00101	<15.0	<15.0	<15.0	<15.0	<15.0	7.09
B-21	6/3/22	7'-8"	<0.000385	<0.000456	<0.000565	<0.00101	<0.00101	21.1J B	<15.0	<15.0	21.1J	21.1J	10.5
B-22	6/3/22	7'-8"	<0.000387	<0.000458	<0.000567	<0.00101	<0.00101	17.7J B	<15.0	<15.0	17.7J	17.7J	5.62
B-23	6/3/22	7'-8"	<0.000388	<0.000460	<0.000570	<0.00102	<0.00102	17.4J B	<15.0	<15.0	17.4J	17.4J	7.45
B-24	6/3/22	7'-8"	<0.000384	<0.000455	<0.000564	<0.00101	<0.00101	21.0J B	<15.0	<15.0	21.0J	21.0J	9.19
B-25	6/3/22	7'-8"	<0.000383	<0.000453	<0.000562	<0.00100	<0.00100	24.9J B	<15.0	<15.0	24.9J	24.9J	15.8
B-26	6/3/22	7'-8"	<0.000382	<0.000452	<0.000561	<0.00100	<0.00100	24.1J B	<15.0	<15.0	24.1J	24.1J	4.13J
B-27	6/3/22	7'-8"	<0.000383	<0.000454	<0.000563	<0.00101	<0.00101	29.6J B	<15.0	<15.0	29.6J	29.6J	3.37J
B-28	6/3/22	7'-8"	<0.000384	<0.000455	<0.000564	<0.00101	<0.00101	23.4J B	<15.0	<15.0	23.4J	23.4J	8.00
B-29	6/3/22	7'-8"	<0.000386	<0.000457	<0.000566	<0.00101	<0.00101	21.3J B	<15.0	<15.0	21.3J	21.3J	4.96J
B-30	6/3/22	7'-8"	<0.000387	<0.000459	<0.000568	<0.00102	<0.00102	24.2J B	<14.9	<14.9	24.2J	24.2J	2.53J
B-31	6/3/22	7'-8"	<0.000386	<0.000457	<0.000566	<0.00101	<0.00101	25.3J B	<15.0	<15.0	25.3J	25.3J	7.62
B-32	6/3/22	7'-8"	<0.000389	<0.000461	<0.000571	<0.00102	<0.00102	27.1J B	<15.0	<15.0	27.1J	27.1J	3.71J
B-33	6/3/22	7'-8"	<0.000388	<0.000460	<0.000570	<0.00102	<0.00102	22.6J B	<15.0	<15.0	22.6J	22.6J	7.01
B-34	6/3/22	7'-8"	<0.000384	<0.000455	<0.000564	<0.00101	<0.00101	25.4J B	<15.0	<15.0	25.4J	25.4J	4.46J
B-35	6/3/22	7'-8"	<0.000383	<0.000453	<0.000562	<0.00100	<0.00100	23.6J B	<15.0	<15.0	23.6J	23.6J	6.81
B-36	6/3/22	7'-8"	<0.000383	<0.000454	<0.000563	<0.00101	<0.00101	20.6J B	<15.0	<15.0	20.6J	20.6J	4.79J
B-37	6/3/22	7'-8"	<0.000382	<0.000452	<0.000561	<0.00100	<0.00100	19.8J B	<15.0	<15.0	19.8J	19.8J	4.22J
B-38	6/3/22	7'-8"	<0.000383	<0.000453	<0.000562	<0.00100	<0.00100	24.9J B	<15.0	<15.0	24.9J	24.9J	2.22J
B-39	6/3/22	7'-8"	<0.000383	<0.000454	<0.000563	<0.00101	<0.00101	29.8J B	<15.0	<15.0	29.8J	29.8J	9.86
B-40	6/3/22	7'-8"	<0.000384	<0.000455	<0.000564	<0.00101	<0.00101	23.5J B	<14.9	<14.9	23.5J	23.5J	349
B-41	6/3/22	7'-8"	0.000573J	0.000469J	<0.000568	0.00115J	0.00219J	17.4J	<15.0	29.8J B	17.4J	47.2J	4.46J
B-42	6/3/22	7'-8"	<0.000383	<0.000453	<0.000562	<0.00100	<0.00100	15.8J	<15.0	24.5J B	15.8J	40.3J	14.5
B-43	6/3/22	7'-8"	<0.000384	<0.000455	<0.000564	<0.00101	<0.00101	26.4J	<15.0	21.3J B	26.4J	47.7J	10.8
B-44	6/3/22	7'-8"	<0.000383	<0.000454	<0.000563	0.00103J	0.00103J	<15.0	<15.0	22.9J B	<15.0	22.9J	39.6
B-45	6/3/22	7'-8"	<0.000383	<0.000453	<0.000562	0.00101J	0.00101J	22.0J	<15.0	23.6J B	22.0J	45.6J	12.7
B-46	6/3/22	7'-8"	<0.000385	<0.000456	<0.000565	0.00108J	0.00108J	<15.0	<15.0	22.5J B	<15.0	22.5J	10.3
B-47	6/3/22	6'-7"	<0.000387	<0.000458	<0.000567	0.00102J	0.00102J	<15.0	<15.0	24.4J B	<15.0	24.4J	15.1
B-48	6/3/22	6'-7"	<0.000387	<0.000459	<0.000568	<0.00102	<0.00102	<15.0	<15.0	21.0J B	<15.0	21.0J	13.7
B-49	6/3/22	7'-8"	<0.000386	<0.000457	<0.000566	0.00117J	0.00117J	23.6J	<15.0	24.0J B	23.6J	47.6J	14.5
B-50	6/3/22	7'-8"	<0.000384	<0.000455	<0.000564	<0.00101	<0.00101	16.5J	<14.9	19.7J B	16.5J	36.2J	18.1
B-51	6/3/22	7'-8"	<0.000384	<0.000455	<0.000564	<0.00101	<0.00101	27.7J	<15.0	22.2J B	27.7J	49.9J	16.3
B-52	6/3/22	7'-8"	<0.000383	<0.000453	<0.000562	<0.00100	<0.00100	15.8J	<15.0	21.7J B	15.8J	37.5J	15.4
B-53	6/3/22	7'-8"	<0.000385	<0.000456	<0.000565	<0.00101	<0.00101	17.4J	<15.0	21.9J B	17.4J	39.3J	16.6
B-54	6/3/22	7'-8"	<0.000381	<0.000451	<0.000559	<0.00100	<0.00100	15.5J	<15.0	20.7J B	15.5J	36.2J	16.0
B-55	6/3/22	7'-8"	<0.000387	<0.000458	<0.000567	<0.00101	<0.00101	<15.0	<15.0	20.4J B	<15.0	20.4J	14.2
B-56	6/3/22	7'-8"	0.000432J	<0.000453	<0.000562	<0.00100	<0.00100	21.5J	<15.0	18.1J B	21.5J	39.6J	9.62
B-57	6/3/22	7'-8"	<0.000382	<0.000452	<0.000561	<0.00100	<0.00100	16.2J	<15.0	20.7J B	16.2J	36.9J	9.57
B-58	6/3/22	6'-7"	<0.000387	<0.000459	<0.000568	<0.00102	<0.00102	26.9J	<15.0	20.1J B			

CONFIRMATION SOIL SAMPLE BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA													
EOG MIDLAND													
LAKEWOOD 28 FED COM													
All values presented in parts per million (mg/Kg)													
SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+MRO)	CHLORIDE
B-80/A	6/27/22	8'	<0.00201	0.00315	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	20.1
B-81	6/3/22	7'-8'	<0.000387	<0.000458	<0.000567	<0.00101	<0.00101	32.3J	<15.0	<15.0	32.3J	32.3J	25.5
B-82	6/3/22	7'-8'	<0.000386	<0.000457	<0.000566	<0.00101	<0.00101	16.4J	15.3J	<15.0	31.7J	31.7J	27.8
B-83	6/3/22	7'-8'	<0.000383	<0.000454	<0.000563	<0.00101	<0.00101	15.9J	16.3J	<15.0	32.2J	32.2J	16.4
B-84	6/3/22	6'-7'	<0.000383	<0.000453	<0.000562	<0.00100	<0.00100	21.1J	18.9J	<15.0	40.0J	40.0J	14.1
B-85	6/3/22	6'-7'	<0.000384	<0.000455	<0.000564	<0.00101	<0.00101	<15.0	19.6J	<15.0	19.6J	19.6J	15.7
B-86	6/3/22	6'-7'	<0.000383	<0.000454	<0.000563	<0.00101	<0.00101	<15.0	23.9J	<15.0	23.9J	23.9J	17.4
B-87	6/3/22	6'-7'	<0.000383	<0.000453	<0.000562	<0.00100	<0.00100	20.7J	21.2J	<15.0	41.9J	41.9J	13.6
B-88	6/3/22	7'-8'	<0.000385	<0.000456	<0.000565	<0.00101	<0.00101	19.5J	22.2J	<15.0	41.7J	41.7J	21.0
B-89	6/3/22	7'-8'	<0.000386	<0.000457	<0.000566	<0.00101	<0.00101	22.2J	20.2J	<15.0	42.4J	42.4J	11.3
B-90	6/3/22	7'-8'	<0.000387	<0.000458	<0.000567	<0.00101	<0.00101	<15.0	27.5J	<15.0	27.5J	27.5J	18.6
B-91	6/3/22	7'-8'	0.000401J	<0.000455	<0.000564	<0.00101	<0.00101	15.9J	23.2J	<15.0	39.1J	39.1J	20.2
B-92	6/3/22	7'-8'	<0.000383	<0.000453	0.00227	0.0191	0.0214	18.9J	21.3J	<15.0	40.2J	40.2J	82.1
B-93	6/3/22	7'-8'	<0.000384	<0.000455	<0.000564	<0.00101	<0.00101	32.6J	19.7J	<15.0	52.3	52.3	79.9
B-94	6/3/22	7'-8'	<0.000383	<0.000453	<0.000562	<0.00100	<0.00100	23.9J	24.8J	<15.0	48.7J	48.7J	22.9
B-95	6/3/22	6'-7'	<0.000386	<0.000457	<0.000566	<0.00101	<0.00101	<15.0	23.7J	<15.0	23.7J	23.7J	13.8
B-96	6/3/22	6'-7'	<0.000387	<0.000459	<0.000568	<0.00102	<0.00102	15.6J	22.3J	<15.0	37.9J	37.9J	16.7
B-97	6/3/22	6'-7'	<0.000383	<0.000454	<0.000563	<0.00101	<0.00101	<15.0	19.1J	<15.0	19.1J	19.1J	18.1
B-98	6/3/22	6'-7'	<0.000384	<0.000455	<0.000564	<0.00101	<0.00101	<14.9	28.2J	<14.9	28.2J	28.2J	15.5
B-99	6/3/22	7'-8'	<0.000383	<0.000453	<0.000562	<0.00100	<0.00100	15.0J	24.5J	<15.0	39.5J	39.5J	16.0
B-100	6/3/22	7'-8'	<0.000385	<0.000456	<0.000565	<0.00101	<0.00101	20.8J	24.7J	<15.0	45.5J	45.5J	150
B-101	6/3/22	7'-8'	0.000574J	0.000844J	<0.000562	0.00131J	0.00273J	<15.0	60.3	<15.0	60.3	60.3	79.1
B-102	6/3/22	7'-8'	<0.000384	<0.000455	<0.000564	0.00107J	0.00107J	<15.0	37.5J	<15.0	37.5J	37.5J	91.4
B-103	6/3/22	7'-8'	<0.000383	<0.000453	<0.000562	0.00114J	0.00114J	<15.0	24.2J	<15.0	24.2J	24.2J	77.4
B-104	6/3/22	7'-8'	<0.000385	<0.000456	<0.000565	0.00104J	0.00104J	<15.0	33.2J	<15.0	33.2J	33.2J	111
B-105	6/3/22	7'-8'	<0.000386	<0.000457	<0.000566	0.00112J	0.00112J	<15.0	16.1J	<15.0	16.1J	16.1J	35.3
B-106	6/6/22	6'-7'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	15.8
B-107	6/6/22	6'-7'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	13.8
B-108	6/6/22	6'-7'	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	42.3
B-109	6/6/22	7'-8'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	19.4
B-110	6/6/22	7'-8'	<0.000400	<0.000400	<0.000400	<0.000800	<0.000800	<50.0	<50.0	<50.0	<50.0	<50.0	14.0
B-111	6/6/22	7'-8'	<0.000402	<0.000402	<0.000402	<0.000803	<0.000803	<50.0	<50.0	<50.0	<50.0	<50.0	39.0
B-112	6/6/22	7'-8'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	69.1
B-113	6/6/22	6'-7'	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	8.78
B-114	6/6/22	6'-7'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	9.24
B-115	6/6/22	6'-7'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	10.0
B-116	6/6/22	7'-8'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	7.44
B-117	6/6/22	7'-8'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	15.4
B-118	6/6/22	7'-8'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	137
B-119	6/6/22	7'-8'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	25.5
B-120	6/6/22	7'-8'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	40.7
B-121	6/6/22	6'-7'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	38.6
B-122	6/6/22	6'-7'	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	11.6
B-123	6/6/22	6'-7'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	58.6
B-124	6/6/22	6'-8'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	69.3
B-125	6/6/22	6'-8'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	98.2
B-126	6/6/22	6'-8'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	524
B-127	6/6/22	6'-8'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	81.0
B-128	6/6/22	6'-8'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	227
B-129	6/6/22	6'-8'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	110
B-130	6/6/22	6'-8'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	35.5
B-131	6/6/22	6'-8'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	45.4
B2-1	6/6/22	13'-14'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	16.2
B2-2	6/6/22	13'-14'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	18.3
B2-3	6/6/22	13'-14'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	26.4
B2-4	6/6/22	13'-14'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	24.2
B2-5	6/6/22	10'-14'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	20.5
B2-6	6/6/22	10'-14'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	15.2
R-1	6/6/22	8'-10'	&lt										

CONFIRMATION SOIL SAMPLE BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA
EOG MIDLAND
LAKEWOOD 28 FED COM

All values presented in parts per million (mg/Kg)

SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+MRO)	CHLORIDE
W-11	6/6/22	0'-7'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8	<4.95
W-12	6/6/22	0'-6'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	18.8
W-13	6/6/22	0'-6'	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	16.2
W-14	6/6/22	0'-6'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.8	<49.8	<49.8	<49.8	<49.8	30.4
W-15	6/6/22	0'-6'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	<4.98
W-16	6/6/22	0'-6'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	6.43
W-17	6/6/22	0'-6'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	11.5
W-18	6/6/22	0'-6'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	9.94
W-19	6/6/22	0'-7'	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	10.2
W-20	6/6/22	0'-7'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	7.95
W-21	6/6/22	0'-7'	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<50.0	<50.0	<50.0	<50.0	<50.0	16.8
W-22	6/6/22	0'-7'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	5.45
W-23	6/6/22	0'-7'	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	11.3

19.15.29.12 NMAC Table 1 Closure Criteria for
Soils Impacted by a Release (GW <50)

10

50

100

600

19.15.29.13 NMAC Reclamation Criteria
(0'-4' Soils Only)

10³50³100³

600

Notes:

- Results exceeding the Table 1 Closure Criteria are presented in bold type and are highlighted yellow.
 - Results exceeding the NMAC Restoration, Reclamation and re-vegetation chloride concentration requirements are presented in bold red type.
 - Value derived from the State of New Mexico Energy, Minerals and Natural Resources Department document *Procedures for the Implementation of the Spill Rule* (19.15.29 NMAC) dated September 6, 2019.
 - NA - Not Analyzed
- B = Compound was found in blank and sample
J = Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value

ATTACHMENT 1 – DEPTH-TO-GROUNDWATER DATA



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 Code	Sub- basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	DepthWell	DepthWater	Water Column
C 02299		CUB	LE	4	2	4	24	25S	34E	649517	3554125	350	300	50
C 02314		CUB	LE	2	4	2	15	25S	34E	646116	3556179	175	135	40
C 02315		CUB	LE	2	4	2	15	25S	34E	646095	3556194	175	135	40
C 02316		CUB	LE	3	4	3	29	25S	34E	642003	3551967*	100	50	50
C 02317		CUB	LE	3	4	3	29	25S	34E	642003	3551967*	100	50	50
C 02401		CUB	LE	2	2	1	01	25S	34E	648534	3559896*	275	260	15

Average Depth to Water: **155 feet**

Minimum Depth: **50 feet**

Maximum Depth: **300 feet**

Record Count: 6

PLSS Search:

Township: 25S **Range:** 34E

*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.

7/7/22 12:53 PM

WATER COLUMN/ AVERAGE DEPTH TO
WATER

ATTACHMENT 2 – PHOTOGRAPHIC DOCUMENTATION



**PHOTOGRAPH NO. 1 – A general view of the excavation/remediation area on June 6, 2022.
The view is towards the southwest.**

(Approximate GPS Coordinates: 32.095380, -103.472968)



**PHOTOGRAPH NO. 2 – An additional view of the excavation/remediation area at the Site.
The view is towards the northeast.**

(Approximate GPS Coordinates: 32.094801, -103.473440)



PHOTOGRAPH NO. 3 – A view of the Site upon completion of over-excavation activities in the “B-80” sample area on June 27, 2022.

(Approximate GPS Coordinates: 32.095141, -103.472951)



PHOTOGRAPH NO. 4 – A view of the over-excavation activities in the “W-3” sample area on June 27, 2022. The view is towards the northwest.

(Approximate GPS Coordinates: 32.095141, -103.472951)

ATTACHMENT 3 – LABORATORY ANALYTICAL REPORTS



Environment Testing America

ANALYTICAL REPORT

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-2376-1

Laboratory Sample Delivery Group: 5198
Client Project/Site: Lakewood 28 Fed Com
Revision: 1

For:

Ranger Environmental Services, Inc
PO BOX 201179
Austin, Texas 78729

Attn: Will Kierdorf

A handwritten signature in cursive script that reads "Holly Taylor".

Authorized for release by:

6/22/2022 1:53:41 PM

Holly Taylor, Project Manager
(806)794-1296

Holly.Taylor@et.eurofinsus.com

LINKS

Review your project
results through



Have a Question?



Visit us at:

www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Laboratory Job ID: 890-2376-1
SDG: 5198

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	5
Client Sample Results	7
Surrogate Summary	92
QC Sample Results	98
QC Association Summary	125
Lab Chronicle	149
Certification Summary	181
Method Summary	182
Sample Summary	183
Chain of Custody	185
Receipt Checklists	207

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Qualifiers

GC VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit

Eurofins Carlsbad

Definitions/Glossary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Job ID: 890-2376-1

Laboratory: Eurofins Carlsbad

Narrative

**Job Narrative
890-2376-1**

Comments

No additional comments.

Revision

The report being provided is a revision of the original report sent on 6/17/2022. The report (revision 1) is being revised to show all results down to the MDL per Will Kierdorf (phone).

Receipt

The samples were received on 6/6/2022 8:05 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.0° C.

GC VOA

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-27074 and analytical batch 880-27073 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-27025 and analytical batch 880-27093 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: Spike compounds were inadvertently omitted during the extraction process for the matrix spike/matrix spike duplicate (MS/MSD); therefore, matrix spike recoveries are unavailable for preparation batch 880-27030 and analytical batch 880-27136. The associated laboratory control sample (LCS) met acceptance criteria.

Method 8021B: Surrogate recovery for the following sample was outside control limits: B-48 (890-2376-48). Evidence of matrix interferences is not obvious.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-27241 recovered above the upper control limit for Benzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-27306 and analytical batch 880-27440 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: CCV biased low for Ethylbenzene, m,p-Xylenes, and o-Xylene, however an acceptable CCV was analyzed within the 12 hour window, therefore data was qualified and reported.
(CCV 880-27440/33)

Method 8021B: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-27259 and analytical batch 880-27440 recovered outside control limits for the following analytes: Benzene.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-27259 and analytical batch 880-27440 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-26968 and analytical batch 880-26955 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Case Narrative

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Job ID: 890-2376-1 (Continued)

Laboratory: Eurofins Carlsbad (Continued)

Method 8015B NM: The laboratory control sample (LCS) associated with preparation batch 880-26999 and analytical batch 880-26955 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (MB 880-26969/1-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-26970/2-A), (LCSD 880-26970/3-A) and (MB 880-26970/1-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: The method blank for preparation batch 880-26970 and analytical batch 880-26959 contained Gasoline Range Organics (GRO)-C6-C10 above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-26989/3-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: The method blank for preparation batch 880-26989 and analytical batch 880-27061 contained Oil Range Organics (Over C28-C36) above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015B NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-26989 and analytical batch 880-27061 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

Method 8015B NM: The laboratory control sample duplicate (LCSD) associated with preparation batch 880-26989 and analytical batch 880-27061 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015B NM: The method blank for preparation batch 880-26998 and analytical batch 880-27063 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-27038 and analytical batch 880-27303 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-27173 and analytical batch 880-27310 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-27042 and analytical batch 880-27662 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-1

Lab Sample ID: 890-2376-1

Date Collected: 06/04/22 08:48

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg	-	06/07/22 15:47	06/08/22 17:12	1
Toluene	<0.000458	U	0.00201	0.000458	mg/Kg	-	06/07/22 15:47	06/08/22 17:12	1
Ethylbenzene	<0.000567	U	0.00201	0.000567	mg/Kg	-	06/07/22 15:47	06/08/22 17:12	1
m,p-Xylenes	<0.00101	U	0.00402	0.00101	mg/Kg	-	06/07/22 15:47	06/08/22 17:12	1
o-Xylene	<0.000345	U	0.00201	0.000345	mg/Kg	-	06/07/22 15:47	06/08/22 17:12	1
Xylenes, Total	<0.00101	U	0.00402	0.00101	mg/Kg	-	06/07/22 15:47	06/08/22 17:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	06/07/22 15:47	06/08/22 17:12	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/07/22 15:47	06/08/22 17:12	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 08:16	06/07/22 22:09	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 08:16	06/07/22 22:09	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 08:16	06/07/22 22:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130	06/07/22 08:16	06/07/22 22:09	1
o-Terphenyl	117		70 - 130	06/07/22 08:16	06/07/22 22:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.2		5.02	0.862	mg/Kg	-		06/10/22 15:35	1

Client Sample ID: B-2

Lab Sample ID: 890-2376-2

Date Collected: 06/04/22 08:50

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000386	U	0.00200	0.000386	mg/Kg	-	06/07/22 15:47	06/08/22 17:33	1
Toluene	<0.000457	U	0.00200	0.000457	mg/Kg	-	06/07/22 15:47	06/08/22 17:33	1
Ethylbenzene	<0.000566	U	0.00200	0.000566	mg/Kg	-	06/07/22 15:47	06/08/22 17:33	1
m,p-Xylenes	<0.00101	U	0.00401	0.00101	mg/Kg	-	06/07/22 15:47	06/08/22 17:33	1
o-Xylene	<0.000345	U	0.00200	0.000345	mg/Kg	-	06/07/22 15:47	06/08/22 17:33	1
Xylenes, Total	<0.00101	U	0.00401	0.00101	mg/Kg	-	06/07/22 15:47	06/08/22 17:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	06/07/22 15:47	06/08/22 17:33	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-2

Date Collected: 06/04/22 08:50

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-2

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	102		70 - 130	06/07/22 15:47	06/08/22 17:33	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 08:16	06/07/22 23:12	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 08:16	06/07/22 23:12	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 08:16	06/07/22 23:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				06/07/22 08:16	06/07/22 23:12	1
o-Terphenyl	119		70 - 130				06/07/22 08:16	06/07/22 23:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.78		5.04	0.865	mg/Kg	-		06/16/22 01:50	1

Client Sample ID: B-3

Date Collected: 06/04/22 08:52

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-3

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg	-	06/07/22 15:47	06/08/22 17:53	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg	-	06/07/22 15:47	06/08/22 17:53	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg	-	06/07/22 15:47	06/08/22 17:53	1
m,p-Xylenes	<0.00101	U	0.00399	0.00101	mg/Kg	-	06/07/22 15:47	06/08/22 17:53	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg	-	06/07/22 15:47	06/08/22 17:53	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg	-	06/07/22 15:47	06/08/22 17:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	06/07/22 15:47	06/08/22 17:53	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/07/22 15:47	06/08/22 17:53	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-3

Lab Sample ID: 890-2376-3

Date Collected: 06/04/22 08:52

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 08:16	06/07/22 23:33	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 08:16	06/07/22 23:33	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 08:16	06/07/22 23:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				06/07/22 08:16	06/07/22 23:33	1
o-Terphenyl	111		70 - 130				06/07/22 08:16	06/07/22 23:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.0		4.98	0.855	mg/Kg	-		06/16/22 02:18	1

Client Sample ID: B-4

Lab Sample ID: 890-2376-4

Date Collected: 06/04/22 08:53

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg	-	06/07/22 15:47	06/08/22 18:14	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg	-	06/07/22 15:47	06/08/22 18:14	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg	-	06/07/22 15:47	06/08/22 18:14	1
m,p-Xylenes	<0.00101	U	0.00400	0.00101	mg/Kg	-	06/07/22 15:47	06/08/22 18:14	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg	-	06/07/22 15:47	06/08/22 18:14	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg	-	06/07/22 15:47	06/08/22 18:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				06/07/22 15:47	06/08/22 18:14	1
1,4-Difluorobenzene (Surr)	102		70 - 130				06/07/22 15:47	06/08/22 18:14	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 08:16	06/07/22 23:54	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 08:16	06/07/22 23:54	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 08:16	06/07/22 23:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				06/07/22 08:16	06/07/22 23:54	1
o-Terphenyl	106		70 - 130				06/07/22 08:16	06/07/22 23:54	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-4

Date Collected: 06/04/22 08:53

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-4

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.9		5.05	0.867	mg/Kg			06/16/22 02:27	1

Client Sample ID: B-5

Date Collected: 06/04/22 08:54

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-5

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000388	U	0.00202	0.000388	mg/Kg		06/07/22 15:47	06/08/22 18:34	1
Toluene	<0.000460	U	0.00202	0.000460	mg/Kg		06/07/22 15:47	06/08/22 18:34	1
Ethylbenzene	<0.000570	U	0.00202	0.000570	mg/Kg		06/07/22 15:47	06/08/22 18:34	1
m,p-Xylenes	<0.00102	U	0.00403	0.00102	mg/Kg		06/07/22 15:47	06/08/22 18:34	1
o-Xylene	<0.000347	U	0.00202	0.000347	mg/Kg		06/07/22 15:47	06/08/22 18:34	1
Xylenes, Total	<0.00102	U	0.00403	0.00102	mg/Kg		06/07/22 15:47	06/08/22 18:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				06/07/22 15:47	06/08/22 18:34	1
1,4-Difluorobenzene (Surr)	104		70 - 130				06/07/22 15:47	06/08/22 18:34	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:16	06/08/22 00:15	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:16	06/08/22 00:15	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:16	06/08/22 00:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				06/07/22 08:16	06/08/22 00:15	1
o-Terphenyl	109		70 - 130				06/07/22 08:16	06/08/22 00:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.9		4.99	0.857	mg/Kg			06/16/22 02:36	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-6

Lab Sample ID: 890-2376-6

Date Collected: 06/04/22 08:56

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg	-	06/07/22 15:47	06/08/22 18:55	1
Toluene	<0.000454	U	0.00199	0.000454	mg/Kg	-	06/07/22 15:47	06/08/22 18:55	1
Ethylbenzene	<0.000563	U	0.00199	0.000563	mg/Kg	-	06/07/22 15:47	06/08/22 18:55	1
m,p-Xylenes	<0.00101	U	0.00398	0.00101	mg/Kg	-	06/07/22 15:47	06/08/22 18:55	1
o-Xylene	<0.000343	U	0.00199	0.000343	mg/Kg	-	06/07/22 15:47	06/08/22 18:55	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg	-	06/07/22 15:47	06/08/22 18:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	06/07/22 15:47	06/08/22 18:55	1
1,4-Difluorobenzene (Surr)	98		70 - 130	06/07/22 15:47	06/08/22 18:55	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 08:16	06/08/22 00:37	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 08:16	06/08/22 00:37	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 08:16	06/08/22 00:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	06/07/22 08:16	06/08/22 00:37	1
o-Terphenyl	106		70 - 130	06/07/22 08:16	06/08/22 00:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	61.6		4.95	0.850	mg/Kg	-		06/16/22 02:45	1

Client Sample ID: B-7

Lab Sample ID: 890-2376-7

Date Collected: 06/04/22 08:58

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg	-	06/07/22 15:47	06/08/22 19:15	1
Toluene	<0.000454	U	0.00199	0.000454	mg/Kg	-	06/07/22 15:47	06/08/22 19:15	1
Ethylbenzene	<0.000563	U	0.00199	0.000563	mg/Kg	-	06/07/22 15:47	06/08/22 19:15	1
m,p-Xylenes	<0.00101	U	0.00398	0.00101	mg/Kg	-	06/07/22 15:47	06/08/22 19:15	1
o-Xylene	<0.000343	U	0.00199	0.000343	mg/Kg	-	06/07/22 15:47	06/08/22 19:15	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg	-	06/07/22 15:47	06/08/22 19:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	06/07/22 15:47	06/08/22 19:15	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-7

Lab Sample ID: 890-2376-7

Date Collected: 06/04/22 08:58

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	102		70 - 130	06/07/22 15:47	06/08/22 19:15	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 08:16	06/08/22 00:58	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 08:16	06/08/22 00:58	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 08:16	06/08/22 00:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				06/07/22 08:16	06/08/22 00:58	1
o-Terphenyl	109		70 - 130				06/07/22 08:16	06/08/22 00:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.2		4.97	0.853	mg/Kg	-		06/16/22 03:13	1

Client Sample ID: B-8

Lab Sample ID: 890-2376-8

Date Collected: 06/04/22 09:00

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000386	U	0.00200	0.000386	mg/Kg	-	06/07/22 15:47	06/08/22 19:36	1
Toluene	<0.000457	U	0.00200	0.000457	mg/Kg	-	06/07/22 15:47	06/08/22 19:36	1
Ethylbenzene	<0.000566	U	0.00200	0.000566	mg/Kg	-	06/07/22 15:47	06/08/22 19:36	1
m,p-Xylenes	<0.00101	U	0.00401	0.00101	mg/Kg	-	06/07/22 15:47	06/08/22 19:36	1
o-Xylene	<0.000345	U	0.00200	0.000345	mg/Kg	-	06/07/22 15:47	06/08/22 19:36	1
Xylenes, Total	<0.00101	U	0.00401	0.00101	mg/Kg	-	06/07/22 15:47	06/08/22 19:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	06/07/22 15:47	06/08/22 19:36	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/07/22 15:47	06/08/22 19:36	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-8

Date Collected: 06/04/22 09:00

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-8

Matrix: Solid

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 08:16	06/08/22 01:19	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 08:16	06/08/22 01:19	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 08:16	06/08/22 01:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				06/07/22 08:16	06/08/22 01:19	1
o-Terphenyl	104		70 - 130				06/07/22 08:16	06/08/22 01:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.54		5.00	0.858	mg/Kg	-		06/16/22 03:22	1

Client Sample ID: B-9

Date Collected: 06/04/22 09:02

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-9

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000388	U	0.00202	0.000388	mg/Kg	-	06/07/22 15:47	06/08/22 19:56	1
Toluene	<0.000460	U	0.00202	0.000460	mg/Kg	-	06/07/22 15:47	06/08/22 19:56	1
Ethylbenzene	<0.000570	U	0.00202	0.000570	mg/Kg	-	06/07/22 15:47	06/08/22 19:56	1
m,p-Xylenes	<0.00102	U	0.00403	0.00102	mg/Kg	-	06/07/22 15:47	06/08/22 19:56	1
o-Xylene	<0.000347	U	0.00202	0.000347	mg/Kg	-	06/07/22 15:47	06/08/22 19:56	1
Xylenes, Total	<0.00102	U	0.00403	0.00102	mg/Kg	-	06/07/22 15:47	06/08/22 19:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				06/07/22 15:47	06/08/22 19:56	1
1,4-Difluorobenzene (Surr)	94		70 - 130				06/07/22 15:47	06/08/22 19:56	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 08:16	06/08/22 01:40	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 08:16	06/08/22 01:40	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 08:16	06/08/22 01:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				06/07/22 08:16	06/08/22 01:40	1
o-Terphenyl	121		70 - 130				06/07/22 08:16	06/08/22 01:40	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-9

Date Collected: 06/04/22 09:02

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-9

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.5		4.95	0.850	mg/Kg			06/16/22 03:31	1

Client Sample ID: B-10

Date Collected: 06/04/22 09:04

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-10

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		06/07/22 15:47	06/08/22 20:17	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg		06/07/22 15:47	06/08/22 20:17	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg		06/07/22 15:47	06/08/22 20:17	1
m,p-Xylenes	<0.00101	U	0.00399	0.00101	mg/Kg		06/07/22 15:47	06/08/22 20:17	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg		06/07/22 15:47	06/08/22 20:17	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		06/07/22 15:47	06/08/22 20:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				06/07/22 15:47	06/08/22 20:17	1
1,4-Difluorobenzene (Surr)	98		70 - 130				06/07/22 15:47	06/08/22 20:17	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:16	06/08/22 02:01	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:16	06/08/22 02:01	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:16	06/08/22 02:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				06/07/22 08:16	06/08/22 02:01	1
o-Terphenyl	105		70 - 130				06/07/22 08:16	06/08/22 02:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.0		5.04	0.865	mg/Kg			06/16/22 03:41	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-11

Lab Sample ID: 890-2376-11

Date Collected: 06/04/22 09:06

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.00198	0.000381	mg/Kg	-	06/07/22 15:47	06/08/22 22:07	1
Toluene	<0.000451	U	0.00198	0.000451	mg/Kg	-	06/07/22 15:47	06/08/22 22:07	1
Ethylbenzene	<0.000559	U	0.00198	0.000559	mg/Kg	-	06/07/22 15:47	06/08/22 22:07	1
m,p-Xylenes	<0.00100	U	0.00396	0.00100	mg/Kg	-	06/07/22 15:47	06/08/22 22:07	1
o-Xylene	<0.000341	U	0.00198	0.000341	mg/Kg	-	06/07/22 15:47	06/08/22 22:07	1
Xylenes, Total	<0.00100	U	0.00396	0.00100	mg/Kg	-	06/07/22 15:47	06/08/22 22:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	06/07/22 15:47	06/08/22 22:07	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/07/22 15:47	06/08/22 22:07	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 08:16	06/08/22 02:43	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 08:16	06/08/22 02:43	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 08:16	06/08/22 02:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	06/07/22 08:16	06/08/22 02:43	1
o-Terphenyl	101		70 - 130	06/07/22 08:16	06/08/22 02:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.4		4.99	0.857	mg/Kg	-		06/16/22 03:50	1

Client Sample ID: B-12

Lab Sample ID: 890-2376-12

Date Collected: 06/04/22 09:08

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000382	U	0.00198	0.000382	mg/Kg	-	06/07/22 15:47	06/08/22 22:28	1
Toluene	<0.000452	U	0.00198	0.000452	mg/Kg	-	06/07/22 15:47	06/08/22 22:28	1
Ethylbenzene	<0.000561	U	0.00198	0.000561	mg/Kg	-	06/07/22 15:47	06/08/22 22:28	1
m,p-Xylenes	<0.00100	U	0.00397	0.00100	mg/Kg	-	06/07/22 15:47	06/08/22 22:28	1
o-Xylene	<0.000341	U	0.00198	0.000341	mg/Kg	-	06/07/22 15:47	06/08/22 22:28	1
Xylenes, Total	<0.00100	U	0.00397	0.00100	mg/Kg	-	06/07/22 15:47	06/08/22 22:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	06/07/22 15:47	06/08/22 22:28	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-12

Lab Sample ID: 890-2376-12

Date Collected: 06/04/22 09:08

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	06/07/22 15:47	06/08/22 22:28	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	49.9	15.0	mg/Kg		06/07/22 08:16	06/08/22 03:04	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		06/07/22 08:16	06/08/22 03:04	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		06/07/22 08:16	06/08/22 03:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				06/07/22 08:16	06/08/22 03:04	1
o-Terphenyl	99		70 - 130				06/07/22 08:16	06/08/22 03:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.2		4.95	0.850	mg/Kg			06/16/22 03:59	1

Client Sample ID: B-13

Lab Sample ID: 890-2376-13

Date Collected: 06/04/22 09:10

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		06/07/22 15:47	06/08/22 22:48	1
Toluene	<0.000454	U	0.00199	0.000454	mg/Kg		06/07/22 15:47	06/08/22 22:48	1
Ethylbenzene	<0.000563	U	0.00199	0.000563	mg/Kg		06/07/22 15:47	06/08/22 22:48	1
m,p-Xylenes	<0.00101	U	0.00398	0.00101	mg/Kg		06/07/22 15:47	06/08/22 22:48	1
o-Xylene	<0.000343	U	0.00199	0.000343	mg/Kg		06/07/22 15:47	06/08/22 22:48	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg		06/07/22 15:47	06/08/22 22:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	06/07/22 15:47	06/08/22 22:48	1
1,4-Difluorobenzene (Surr)	102		70 - 130	06/07/22 15:47	06/08/22 22:48	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg			06/08/22 10:33	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-13

Date Collected: 06/04/22 09:10

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-13

Matrix: Solid

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:16	06/08/22 03:25	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:16	06/08/22 03:25	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:16	06/08/22 03:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				06/07/22 08:16	06/08/22 03:25	1
o-Terphenyl	109		70 - 130				06/07/22 08:16	06/08/22 03:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.2		5.00	0.858	mg/Kg			06/16/22 04:27	1

Client Sample ID: B-14

Date Collected: 06/04/22 09:12

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-14

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		06/07/22 15:47	06/08/22 23:09	1
Toluene	<0.000453	U	0.00199	0.000453	mg/Kg		06/07/22 15:47	06/08/22 23:09	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg		06/07/22 15:47	06/08/22 23:09	1
m,p-Xylenes	<0.00100	U	0.00398	0.00100	mg/Kg		06/07/22 15:47	06/08/22 23:09	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg		06/07/22 15:47	06/08/22 23:09	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg		06/07/22 15:47	06/08/22 23:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				06/07/22 15:47	06/08/22 23:09	1
1,4-Difluorobenzene (Surr)	100		70 - 130				06/07/22 15:47	06/08/22 23:09	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	49.9	15.0	mg/Kg		06/07/22 08:16	06/08/22 03:46	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		06/07/22 08:16	06/08/22 03:46	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		06/07/22 08:16	06/08/22 03:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				06/07/22 08:16	06/08/22 03:46	1
o-Terphenyl	107		70 - 130				06/07/22 08:16	06/08/22 03:46	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-14

Date Collected: 06/04/22 09:12

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-14

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.9		4.99	0.857	mg/Kg			06/16/22 04:36	1

Client Sample ID: B-15

Date Collected: 06/04/22 09:14

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-15

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		06/07/22 15:47	06/08/22 23:29	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		06/07/22 15:47	06/08/22 23:29	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		06/07/22 15:47	06/08/22 23:29	1
m,p-Xylenes	<0.00101	U	0.00400	0.00101	mg/Kg		06/07/22 15:47	06/08/22 23:29	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		06/07/22 15:47	06/08/22 23:29	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		06/07/22 15:47	06/08/22 23:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				06/07/22 15:47	06/08/22 23:29	1
1,4-Difluorobenzene (Surr)	103		70 - 130				06/07/22 15:47	06/08/22 23:29	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:16	06/08/22 04:07	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:16	06/08/22 04:07	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:16	06/08/22 04:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				06/07/22 08:16	06/08/22 04:07	1
o-Terphenyl	102		70 - 130				06/07/22 08:16	06/08/22 04:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.8		4.98	0.855	mg/Kg			06/16/22 05:03	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-16

Lab Sample ID: 890-2376-16

Date Collected: 06/04/22 09:15

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg	-	06/07/22 15:47	06/08/22 23:50	1
Toluene	<0.000459	U	0.00201	0.000459	mg/Kg	-	06/07/22 15:47	06/08/22 23:50	1
Ethylbenzene	<0.000568	U	0.00201	0.000568	mg/Kg	-	06/07/22 15:47	06/08/22 23:50	1
m,p-Xylenes	<0.00102	U	0.00402	0.00102	mg/Kg	-	06/07/22 15:47	06/08/22 23:50	1
o-Xylene	<0.000346	U	0.00201	0.000346	mg/Kg	-	06/07/22 15:47	06/08/22 23:50	1
Xylenes, Total	<0.00102	U	0.00402	0.00102	mg/Kg	-	06/07/22 15:47	06/08/22 23:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	06/07/22 15:47	06/08/22 23:50	1
1,4-Difluorobenzene (Surr)	96		70 - 130	06/07/22 15:47	06/08/22 23:50	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 08:16	06/08/22 04:28	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 08:16	06/08/22 04:28	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 08:16	06/08/22 04:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	06/07/22 08:16	06/08/22 04:28	1
o-Terphenyl	104		70 - 130	06/07/22 08:16	06/08/22 04:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.2		5.04	0.865	mg/Kg	-		06/16/22 05:13	1

Client Sample ID: B-17

Lab Sample ID: 890-2376-17

Date Collected: 06/04/22 09:17

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000389	U	0.00202	0.000389	mg/Kg	-	06/07/22 15:47	06/09/22 00:10	1
Toluene	<0.000461	U	0.00202	0.000461	mg/Kg	-	06/07/22 15:47	06/09/22 00:10	1
Ethylbenzene	<0.000571	U	0.00202	0.000571	mg/Kg	-	06/07/22 15:47	06/09/22 00:10	1
m,p-Xylenes	<0.00102	U	0.00404	0.00102	mg/Kg	-	06/07/22 15:47	06/09/22 00:10	1
o-Xylene	<0.000347	U	0.00202	0.000347	mg/Kg	-	06/07/22 15:47	06/09/22 00:10	1
Xylenes, Total	<0.00102	U	0.00404	0.00102	mg/Kg	-	06/07/22 15:47	06/09/22 00:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	06/07/22 15:47	06/09/22 00:10	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-17

Lab Sample ID: 890-2376-17

Date Collected: 06/04/22 09:17

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	93		70 - 130	06/07/22 15:47	06/09/22 00:10	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.9	U	49.8	14.9	mg/Kg		06/07/22 08:16	06/08/22 04:49	1
Diesel Range Organics (Over C10-C28)	<14.9	U	49.8	14.9	mg/Kg		06/07/22 08:16	06/08/22 04:49	1
Oil Range Organics (Over C28-C36)	<14.9	U	49.8	14.9	mg/Kg		06/07/22 08:16	06/08/22 04:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				06/07/22 08:16	06/08/22 04:49	1
o-Terphenyl	101		70 - 130				06/07/22 08:16	06/08/22 04:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.13		4.98	0.855	mg/Kg			06/16/22 05:22	1

Client Sample ID: B-18

Lab Sample ID: 890-2376-18

Date Collected: 06/04/22 09:19

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000388	U	0.00202	0.000388	mg/Kg		06/07/22 15:47	06/09/22 00:30	1
Toluene	<0.000460	U	0.00202	0.000460	mg/Kg		06/07/22 15:47	06/09/22 00:30	1
Ethylbenzene	<0.000570	U	0.00202	0.000570	mg/Kg		06/07/22 15:47	06/09/22 00:30	1
m,p-Xylenes	<0.00102	U	0.00403	0.00102	mg/Kg		06/07/22 15:47	06/09/22 00:30	1
o-Xylene	<0.000347	U	0.00202	0.000347	mg/Kg		06/07/22 15:47	06/09/22 00:30	1
Xylenes, Total	<0.00102	U	0.00403	0.00102	mg/Kg		06/07/22 15:47	06/09/22 00:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	06/07/22 15:47	06/09/22 00:30	1
1,4-Difluorobenzene (Surr)	99		70 - 130	06/07/22 15:47	06/09/22 00:30	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg			06/08/22 10:33	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-18

Date Collected: 06/04/22 09:19

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-18

Matrix: Solid

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.9	U	49.8	14.9	mg/Kg	-	06/07/22 08:16	06/08/22 05:10	1
Diesel Range Organics (Over C10-C28)	<14.9	U	49.8	14.9	mg/Kg	-	06/07/22 08:16	06/08/22 05:10	1
Oil Range Organics (Over C28-C36)	<14.9	U	49.8	14.9	mg/Kg	-	06/07/22 08:16	06/08/22 05:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				06/07/22 08:16	06/08/22 05:10	1
o-Terphenyl	110		70 - 130				06/07/22 08:16	06/08/22 05:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.95		5.01	0.860	mg/Kg	-		06/16/22 05:31	1

Client Sample ID: B-19

Date Collected: 06/04/22 09:21

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-19

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg	-	06/07/22 15:47	06/09/22 00:51	1
Toluene	<0.000459	U	0.00201	0.000459	mg/Kg	-	06/07/22 15:47	06/09/22 00:51	1
Ethylbenzene	<0.000568	U	0.00201	0.000568	mg/Kg	-	06/07/22 15:47	06/09/22 00:51	1
m,p-Xylenes	<0.00102	U	0.00402	0.00102	mg/Kg	-	06/07/22 15:47	06/09/22 00:51	1
o-Xylene	<0.000346	U	0.00201	0.000346	mg/Kg	-	06/07/22 15:47	06/09/22 00:51	1
Xylenes, Total	<0.00102	U	0.00402	0.00102	mg/Kg	-	06/07/22 15:47	06/09/22 00:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				06/07/22 15:47	06/09/22 00:51	1
1,4-Difluorobenzene (Surr)	99		70 - 130				06/07/22 15:47	06/09/22 00:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 08:16	06/08/22 05:31	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 08:16	06/08/22 05:31	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 08:16	06/08/22 05:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				06/07/22 08:16	06/08/22 05:31	1
o-Terphenyl	115		70 - 130				06/07/22 08:16	06/08/22 05:31	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-19

Date Collected: 06/04/22 09:21

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-19

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.11		4.99	0.857	mg/Kg			06/16/22 05:40	1

Client Sample ID: B-20

Date Collected: 06/04/22 09:23

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-20

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000386	U	0.00200	0.000386	mg/Kg		06/07/22 15:47	06/09/22 01:11	1
Toluene	<0.000457	U	0.00200	0.000457	mg/Kg		06/07/22 15:47	06/09/22 01:11	1
Ethylbenzene	<0.000566	U	0.00200	0.000566	mg/Kg		06/07/22 15:47	06/09/22 01:11	1
m,p-Xylenes	<0.00101	U	0.00401	0.00101	mg/Kg		06/07/22 15:47	06/09/22 01:11	1
o-Xylene	<0.000345	U	0.00200	0.000345	mg/Kg		06/07/22 15:47	06/09/22 01:11	1
Xylenes, Total	<0.00101	U	0.00401	0.00101	mg/Kg		06/07/22 15:47	06/09/22 01:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				06/07/22 15:47	06/09/22 01:11	1
1,4-Difluorobenzene (Surr)	100		70 - 130				06/07/22 15:47	06/09/22 01:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:16	06/08/22 05:52	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:16	06/08/22 05:52	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:16	06/08/22 05:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				06/07/22 08:16	06/08/22 05:52	1
o-Terphenyl	106		70 - 130				06/07/22 08:16	06/08/22 05:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.09		4.97	0.853	mg/Kg			06/16/22 05:50	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-21

Lab Sample ID: 890-2376-21

Date Collected: 06/04/22 09:25

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U *	0.00200	0.000385	mg/Kg	-	06/07/22 15:53	06/09/22 04:49	1
Toluene	<0.000456	U *	0.00200	0.000456	mg/Kg	-	06/07/22 15:53	06/09/22 04:49	1
Ethylbenzene	<0.000565	U *	0.00200	0.000565	mg/Kg	-	06/07/22 15:53	06/09/22 04:49	1
m,p-Xylenes	<0.00101	U	0.00400	0.00101	mg/Kg	-	06/07/22 15:53	06/09/22 04:49	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg	-	06/07/22 15:53	06/09/22 04:49	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg	-	06/07/22 15:53	06/09/22 04:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	06/07/22 15:53	06/09/22 04:49	1
1,4-Difluorobenzene (Surr)	98		70 - 130	06/07/22 15:53	06/09/22 04:49	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	21.1	J	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	21.1	J B	49.9	15.0	mg/Kg	-	06/07/22 08:17	06/07/22 22:09	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 08:17	06/07/22 22:09	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 08:17	06/07/22 22:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	06/07/22 08:17	06/07/22 22:09	1
o-Terphenyl	116		70 - 130	06/07/22 08:17	06/07/22 22:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.5		5.00	0.858	mg/Kg	-		06/16/22 05:59	1

Client Sample ID: B-22

Lab Sample ID: 890-2376-22

Date Collected: 06/04/22 09:27

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U *	0.00201	0.000387	mg/Kg	-	06/07/22 15:53	06/09/22 05:09	1
Toluene	<0.000458	U *	0.00201	0.000458	mg/Kg	-	06/07/22 15:53	06/09/22 05:09	1
Ethylbenzene	<0.000567	U *	0.00201	0.000567	mg/Kg	-	06/07/22 15:53	06/09/22 05:09	1
m,p-Xylenes	<0.00101	U	0.00402	0.00101	mg/Kg	-	06/07/22 15:53	06/09/22 05:09	1
o-Xylene	<0.000345	U	0.00201	0.000345	mg/Kg	-	06/07/22 15:53	06/09/22 05:09	1
Xylenes, Total	<0.00101	U	0.00402	0.00101	mg/Kg	-	06/07/22 15:53	06/09/22 05:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	06/07/22 15:53	06/09/22 05:09	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-22

Lab Sample ID: 890-2376-22

Date Collected: 06/04/22 09:27

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	93		70 - 130	06/07/22 15:53	06/09/22 05:09	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	17.7	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	17.7	J B	50.0	15.0	mg/Kg		06/07/22 08:17	06/07/22 23:12	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:17	06/07/22 23:12	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:17	06/07/22 23:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				06/07/22 08:17	06/07/22 23:12	1
o-Terphenyl	109		70 - 130				06/07/22 08:17	06/07/22 23:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.62	F1	5.05	0.867	mg/Kg			06/15/22 17:51	1

Client Sample ID: B-23

Lab Sample ID: 890-2376-23

Date Collected: 06/04/22 09:29

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000388	U *	0.00202	0.000388	mg/Kg		06/07/22 15:53	06/09/22 05:30	1
Toluene	<0.000460	U *	0.00202	0.000460	mg/Kg		06/07/22 15:53	06/09/22 05:30	1
Ethylbenzene	<0.000570	U *	0.00202	0.000570	mg/Kg		06/07/22 15:53	06/09/22 05:30	1
m,p-Xylenes	<0.00102	U	0.00403	0.00102	mg/Kg		06/07/22 15:53	06/09/22 05:30	1
o-Xylene	<0.000347	U	0.00202	0.000347	mg/Kg		06/07/22 15:53	06/09/22 05:30	1
Xylenes, Total	<0.00102	U	0.00403	0.00102	mg/Kg		06/07/22 15:53	06/09/22 05:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	06/07/22 15:53	06/09/22 05:30	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/07/22 15:53	06/09/22 05:30	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	17.4	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-23

Date Collected: 06/04/22 09:29

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-23

Matrix: Solid

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	17.4	J B	50.0	15.0	mg/Kg		06/07/22 08:17	06/07/22 23:33	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:17	06/07/22 23:33	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:17	06/07/22 23:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				06/07/22 08:17	06/07/22 23:33	1
o-Terphenyl	114		70 - 130				06/07/22 08:17	06/07/22 23:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.45		4.99	0.857	mg/Kg			06/15/22 18:10	1

Client Sample ID: B-24

Date Collected: 06/04/22 09:31

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-24

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U *	0.00200	0.000384	mg/Kg		06/07/22 15:53	06/09/22 05:50	1
Toluene	<0.000455	U *	0.00200	0.000455	mg/Kg		06/07/22 15:53	06/09/22 05:50	1
Ethylbenzene	<0.000564	U *	0.00200	0.000564	mg/Kg		06/07/22 15:53	06/09/22 05:50	1
m,p-Xylenes	<0.00101	U	0.00399	0.00101	mg/Kg		06/07/22 15:53	06/09/22 05:50	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg		06/07/22 15:53	06/09/22 05:50	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		06/07/22 15:53	06/09/22 05:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				06/07/22 15:53	06/09/22 05:50	1
1,4-Difluorobenzene (Surr)	99		70 - 130				06/07/22 15:53	06/09/22 05:50	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	21.0	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	21.0	J B	50.0	15.0	mg/Kg		06/07/22 08:17	06/07/22 23:54	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:17	06/07/22 23:54	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:17	06/07/22 23:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				06/07/22 08:17	06/07/22 23:54	1
o-Terphenyl	117		70 - 130				06/07/22 08:17	06/07/22 23:54	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-24

Date Collected: 06/04/22 09:31

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-24

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.19		5.00	0.858	mg/Kg			06/15/22 18:16	1

Client Sample ID: B-25

Date Collected: 06/04/22 09:33

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-25

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U *	0.00199	0.000383	mg/Kg		06/07/22 15:53	06/09/22 06:10	1
Toluene	<0.000453	U *	0.00199	0.000453	mg/Kg		06/07/22 15:53	06/09/22 06:10	1
Ethylbenzene	<0.000562	U *	0.00199	0.000562	mg/Kg		06/07/22 15:53	06/09/22 06:10	1
m,p-Xylenes	<0.00100	U	0.00398	0.00100	mg/Kg		06/07/22 15:53	06/09/22 06:10	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg		06/07/22 15:53	06/09/22 06:10	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg		06/07/22 15:53	06/09/22 06:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				06/07/22 15:53	06/09/22 06:10	1
1,4-Difluorobenzene (Surr)	100		70 - 130				06/07/22 15:53	06/09/22 06:10	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	24.9	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	24.9	J B	50.0	15.0	mg/Kg		06/07/22 08:17	06/08/22 00:15	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:17	06/08/22 00:15	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:17	06/08/22 00:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				06/07/22 08:17	06/08/22 00:15	1
o-Terphenyl	119		70 - 130				06/07/22 08:17	06/08/22 00:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.8		4.95	0.850	mg/Kg			06/15/22 18:23	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-26

Lab Sample ID: 890-2376-26

Date Collected: 06/04/22 09:35

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000382	U *	0.00198	0.000382	mg/Kg	-	06/07/22 15:53	06/09/22 06:31	1
Toluene	<0.000452	U *	0.00198	0.000452	mg/Kg	-	06/07/22 15:53	06/09/22 06:31	1
Ethylbenzene	<0.000561	U *	0.00198	0.000561	mg/Kg	-	06/07/22 15:53	06/09/22 06:31	1
m,p-Xylenes	<0.00100	U	0.00397	0.00100	mg/Kg	-	06/07/22 15:53	06/09/22 06:31	1
o-Xylene	<0.000341	U	0.00198	0.000341	mg/Kg	-	06/07/22 15:53	06/09/22 06:31	1
Xylenes, Total	<0.00100	U	0.00397	0.00100	mg/Kg	-	06/07/22 15:53	06/09/22 06:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	06/07/22 15:53	06/09/22 06:31	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/07/22 15:53	06/09/22 06:31	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	24.1	J	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	24.1	J B	50.0	15.0	mg/Kg	-	06/07/22 08:17	06/08/22 00:37	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 08:17	06/08/22 00:37	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 08:17	06/08/22 00:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	06/07/22 08:17	06/08/22 00:37	1
o-Terphenyl	117		70 - 130	06/07/22 08:17	06/08/22 00:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.13	J	5.04	0.865	mg/Kg	-		06/15/22 18:29	1

Client Sample ID: B-27

Lab Sample ID: 890-2376-27

Date Collected: 06/04/22 09:37

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U *	0.00199	0.000383	mg/Kg	-	06/07/22 15:53	06/09/22 06:51	1
Toluene	<0.000454	U *	0.00199	0.000454	mg/Kg	-	06/07/22 15:53	06/09/22 06:51	1
Ethylbenzene	<0.000563	U *	0.00199	0.000563	mg/Kg	-	06/07/22 15:53	06/09/22 06:51	1
m,p-Xylenes	<0.00101	U	0.00398	0.00101	mg/Kg	-	06/07/22 15:53	06/09/22 06:51	1
o-Xylene	<0.000343	U	0.00199	0.000343	mg/Kg	-	06/07/22 15:53	06/09/22 06:51	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg	-	06/07/22 15:53	06/09/22 06:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	06/07/22 15:53	06/09/22 06:51	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-27

Lab Sample ID: 890-2376-27

Date Collected: 06/04/22 09:37

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	101		70 - 130	06/07/22 15:53	06/09/22 06:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	29.6	J	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	29.6	J B	50.0	15.0	mg/Kg	-	06/07/22 08:17	06/08/22 00:58	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 08:17	06/08/22 00:58	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 08:17	06/08/22 00:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				06/07/22 08:17	06/08/22 00:58	1
o-Terphenyl	125		70 - 130				06/07/22 08:17	06/08/22 00:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.37	J	4.97	0.853	mg/Kg	-		06/15/22 18:48	1

Client Sample ID: B-28

Lab Sample ID: 890-2376-28

Date Collected: 06/04/22 09:39

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U *	0.00200	0.000384	mg/Kg	-	06/07/22 15:53	06/09/22 07:12	1
Toluene	<0.000455	U *	0.00200	0.000455	mg/Kg	-	06/07/22 15:53	06/09/22 07:12	1
Ethylbenzene	<0.000564	U *	0.00200	0.000564	mg/Kg	-	06/07/22 15:53	06/09/22 07:12	1
m,p-Xylenes	<0.00101	U	0.00399	0.00101	mg/Kg	-	06/07/22 15:53	06/09/22 07:12	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg	-	06/07/22 15:53	06/09/22 07:12	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg	-	06/07/22 15:53	06/09/22 07:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	06/07/22 15:53	06/09/22 07:12	1
1,4-Difluorobenzene (Surr)	99		70 - 130	06/07/22 15:53	06/09/22 07:12	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	23.4	J	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-28

Lab Sample ID: 890-2376-28

Date Collected: 06/04/22 09:39

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	23.4	J B	49.9	15.0	mg/Kg	-	06/07/22 08:17	06/08/22 01:19	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 08:17	06/08/22 01:19	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 08:17	06/08/22 01:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				06/07/22 08:17	06/08/22 01:19	1
o-Terphenyl	116		70 - 130				06/07/22 08:17	06/08/22 01:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.00		4.95	0.850	mg/Kg	-		06/15/22 18:54	1

Client Sample ID: B-29

Lab Sample ID: 890-2376-29

Date Collected: 06/04/22 09:41

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000386	U *	0.00200	0.000386	mg/Kg	-	06/07/22 15:53	06/09/22 07:32	1
Toluene	<0.000457	U *	0.00200	0.000457	mg/Kg	-	06/07/22 15:53	06/09/22 07:32	1
Ethylbenzene	<0.000566	U *	0.00200	0.000566	mg/Kg	-	06/07/22 15:53	06/09/22 07:32	1
m,p-Xylenes	<0.00101	U	0.00401	0.00101	mg/Kg	-	06/07/22 15:53	06/09/22 07:32	1
o-Xylene	<0.000345	U	0.00200	0.000345	mg/Kg	-	06/07/22 15:53	06/09/22 07:32	1
Xylenes, Total	<0.00101	U	0.00401	0.00101	mg/Kg	-	06/07/22 15:53	06/09/22 07:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				06/07/22 15:53	06/09/22 07:32	1
1,4-Difluorobenzene (Surr)	98		70 - 130				06/07/22 15:53	06/09/22 07:32	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	21.3	J	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	21.3	J B	49.9	15.0	mg/Kg	-	06/07/22 08:17	06/08/22 01:40	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 08:17	06/08/22 01:40	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 08:17	06/08/22 01:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				06/07/22 08:17	06/08/22 01:40	1
o-Terphenyl	113		70 - 130				06/07/22 08:17	06/08/22 01:40	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-29

Date Collected: 06/04/22 09:41

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-29

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.96	J	4.99	0.857	mg/Kg	-		06/15/22 19:01	1

Client Sample ID: B-30

Date Collected: 06/04/22 09:43

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-30

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U *	0.00201	0.000387	mg/Kg	-	06/07/22 15:53	06/09/22 07:52	1
Toluene	<0.000459	U *	0.00201	0.000459	mg/Kg	-	06/07/22 15:53	06/09/22 07:52	1
Ethylbenzene	<0.000568	U *	0.00201	0.000568	mg/Kg	-	06/07/22 15:53	06/09/22 07:52	1
m,p-Xylenes	<0.00102	U	0.00402	0.00102	mg/Kg	-	06/07/22 15:53	06/09/22 07:52	1
o-Xylene	<0.000346	U	0.00201	0.000346	mg/Kg	-	06/07/22 15:53	06/09/22 07:52	1
Xylenes, Total	<0.00102	U	0.00402	0.00102	mg/Kg	-	06/07/22 15:53	06/09/22 07:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				06/07/22 15:53	06/09/22 07:52	1
1,4-Difluorobenzene (Surr)	98		70 - 130				06/07/22 15:53	06/09/22 07:52	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	24.2	J	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	24.2	J B	49.8	14.9	mg/Kg	-	06/07/22 08:17	06/08/22 02:01	1
Diesel Range Organics (Over C10-C28)	<14.9	U	49.8	14.9	mg/Kg	-	06/07/22 08:17	06/08/22 02:01	1
Oil Range Organics (Over C28-C36)	<14.9	U	49.8	14.9	mg/Kg	-	06/07/22 08:17	06/08/22 02:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				06/07/22 08:17	06/08/22 02:01	1
o-Terphenyl	110		70 - 130				06/07/22 08:17	06/08/22 02:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.53	J	5.01	0.860	mg/Kg	-		06/15/22 19:07	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-31

Lab Sample ID: 890-2376-31

Date Collected: 06/04/22 09:45

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000386	U *	0.00200	0.000386	mg/Kg	-	06/07/22 15:53	06/09/22 09:43	1
Toluene	<0.000457	U *	0.00200	0.000457	mg/Kg	-	06/07/22 15:53	06/09/22 09:43	1
Ethylbenzene	<0.000566	U *	0.00200	0.000566	mg/Kg	-	06/07/22 15:53	06/09/22 09:43	1
m,p-Xylenes	<0.00101	U	0.00401	0.00101	mg/Kg	-	06/07/22 15:53	06/09/22 09:43	1
o-Xylene	<0.000345	U	0.00200	0.000345	mg/Kg	-	06/07/22 15:53	06/09/22 09:43	1
Xylenes, Total	<0.00101	U	0.00401	0.00101	mg/Kg	-	06/07/22 15:53	06/09/22 09:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	06/07/22 15:53	06/09/22 09:43	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/07/22 15:53	06/09/22 09:43	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	25.3	J	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	25.3	J B	50.0	15.0	mg/Kg	-	06/07/22 08:17	06/08/22 02:43	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 08:17	06/08/22 02:43	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 08:17	06/08/22 02:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	06/07/22 08:17	06/08/22 02:43	1
o-Terphenyl	115		70 - 130	06/07/22 08:17	06/08/22 02:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.62		4.98	0.855	mg/Kg	-		06/15/22 19:13	1

Client Sample ID: B-32

Lab Sample ID: 890-2376-32

Date Collected: 06/04/22 09:47

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000389	U *	0.00202	0.000389	mg/Kg	-	06/07/22 15:53	06/09/22 10:03	1
Toluene	<0.000461	U *	0.00202	0.000461	mg/Kg	-	06/07/22 15:53	06/09/22 10:03	1
Ethylbenzene	<0.000571	U *	0.00202	0.000571	mg/Kg	-	06/07/22 15:53	06/09/22 10:03	1
m,p-Xylenes	<0.00102	U	0.00404	0.00102	mg/Kg	-	06/07/22 15:53	06/09/22 10:03	1
o-Xylene	<0.000347	U	0.00202	0.000347	mg/Kg	-	06/07/22 15:53	06/09/22 10:03	1
Xylenes, Total	<0.00102	U	0.00404	0.00102	mg/Kg	-	06/07/22 15:53	06/09/22 10:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	06/07/22 15:53	06/09/22 10:03	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-32

Lab Sample ID: 890-2376-32

Date Collected: 06/04/22 09:47

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	99		70 - 130	06/07/22 15:53	06/09/22 10:03	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	27.1	J	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	27.1	J B	50.0	15.0	mg/Kg	-	06/07/22 08:17	06/08/22 03:04	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 08:17	06/08/22 03:04	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 08:17	06/08/22 03:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				06/07/22 08:17	06/08/22 03:04	1
o-Terphenyl	109		70 - 130				06/07/22 08:17	06/08/22 03:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.71	J F1	5.02	0.862	mg/Kg	-		06/15/22 19:19	1

Client Sample ID: B-33

Lab Sample ID: 890-2376-33

Date Collected: 06/04/22 09:49

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000388	U *	0.00202	0.000388	mg/Kg	-	06/07/22 15:53	06/09/22 10:24	1
Toluene	<0.000460	U *	0.00202	0.000460	mg/Kg	-	06/07/22 15:53	06/09/22 10:24	1
Ethylbenzene	<0.000570	U *	0.00202	0.000570	mg/Kg	-	06/07/22 15:53	06/09/22 10:24	1
m,p-Xylenes	<0.00102	U	0.00403	0.00102	mg/Kg	-	06/07/22 15:53	06/09/22 10:24	1
o-Xylene	<0.000347	U	0.00202	0.000347	mg/Kg	-	06/07/22 15:53	06/09/22 10:24	1
Xylenes, Total	<0.00102	U	0.00403	0.00102	mg/Kg	-	06/07/22 15:53	06/09/22 10:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	06/07/22 15:53	06/09/22 10:24	1
1,4-Difluorobenzene (Surr)	98		70 - 130	06/07/22 15:53	06/09/22 10:24	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	22.6	J	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-33

Date Collected: 06/04/22 09:49

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-33

Matrix: Solid

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	22.6	J B	49.9	15.0	mg/Kg		06/07/22 08:17	06/08/22 03:25	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		06/07/22 08:17	06/08/22 03:25	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		06/07/22 08:17	06/08/22 03:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				06/07/22 08:17	06/08/22 03:25	1
o-Terphenyl	111		70 - 130				06/07/22 08:17	06/08/22 03:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.01		4.99	0.857	mg/Kg			06/15/22 19:38	1

Client Sample ID: B-34

Date Collected: 06/04/22 09:51

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-34

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U *	0.00200	0.000384	mg/Kg		06/07/22 15:53	06/09/22 10:44	1
Toluene	<0.000455	U *	0.00200	0.000455	mg/Kg		06/07/22 15:53	06/09/22 10:44	1
Ethylbenzene	<0.000564	U *	0.00200	0.000564	mg/Kg		06/07/22 15:53	06/09/22 10:44	1
m,p-Xylenes	<0.00101	U	0.00399	0.00101	mg/Kg		06/07/22 15:53	06/09/22 10:44	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg		06/07/22 15:53	06/09/22 10:44	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		06/07/22 15:53	06/09/22 10:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				06/07/22 15:53	06/09/22 10:44	1
1,4-Difluorobenzene (Surr)	99		70 - 130				06/07/22 15:53	06/09/22 10:44	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	25.4	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	25.4	J B	50.0	15.0	mg/Kg		06/07/22 08:17	06/08/22 03:46	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:17	06/08/22 03:46	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:17	06/08/22 03:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				06/07/22 08:17	06/08/22 03:46	1
o-Terphenyl	115		70 - 130				06/07/22 08:17	06/08/22 03:46	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-34

Date Collected: 06/04/22 09:51

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-34

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.46	J	4.98	0.855	mg/Kg			06/15/22 19:45	1

Client Sample ID: B-35

Date Collected: 06/04/22 09:53

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-35

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U *	0.00199	0.000383	mg/Kg		06/07/22 15:53	06/09/22 11:04	1
Toluene	<0.000453	U *	0.00199	0.000453	mg/Kg		06/07/22 15:53	06/09/22 11:04	1
Ethylbenzene	<0.000562	U *	0.00199	0.000562	mg/Kg		06/07/22 15:53	06/09/22 11:04	1
m,p-Xylenes	<0.00100	U	0.00398	0.00100	mg/Kg		06/07/22 15:53	06/09/22 11:04	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg		06/07/22 15:53	06/09/22 11:04	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg		06/07/22 15:53	06/09/22 11:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				06/07/22 15:53	06/09/22 11:04	1
1,4-Difluorobenzene (Surr)	99		70 - 130				06/07/22 15:53	06/09/22 11:04	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	23.6	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	23.6	J B	50.0	15.0	mg/Kg		06/07/22 08:17	06/08/22 04:07	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:17	06/08/22 04:07	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:17	06/08/22 04:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				06/07/22 08:17	06/08/22 04:07	1
o-Terphenyl	110		70 - 130				06/07/22 08:17	06/08/22 04:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.81		5.03	0.863	mg/Kg			06/15/22 20:04	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-36

Lab Sample ID: 890-2376-36

Date Collected: 06/04/22 10:09

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U *	0.00199	0.000383	mg/Kg	-	06/07/22 15:53	06/09/22 11:25	1
Toluene	<0.000454	U *	0.00199	0.000454	mg/Kg	-	06/07/22 15:53	06/09/22 11:25	1
Ethylbenzene	<0.000563	U *	0.00199	0.000563	mg/Kg	-	06/07/22 15:53	06/09/22 11:25	1
m,p-Xylenes	<0.00101	U	0.00398	0.00101	mg/Kg	-	06/07/22 15:53	06/09/22 11:25	1
o-Xylene	<0.000343	U	0.00199	0.000343	mg/Kg	-	06/07/22 15:53	06/09/22 11:25	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg	-	06/07/22 15:53	06/09/22 11:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	06/07/22 15:53	06/09/22 11:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/07/22 15:53	06/09/22 11:25	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	20.6	J	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	20.6	J B	49.9	15.0	mg/Kg	-	06/07/22 08:17	06/08/22 04:28	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 08:17	06/08/22 04:28	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 08:17	06/08/22 04:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	06/07/22 08:17	06/08/22 04:28	1
o-Terphenyl	115		70 - 130	06/07/22 08:17	06/08/22 04:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.79	J	5.01	0.860	mg/Kg	-		06/15/22 20:10	1

Client Sample ID: B-37

Lab Sample ID: 890-2376-37

Date Collected: 06/04/22 10:11

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000382	U *	0.00198	0.000382	mg/Kg	-	06/07/22 15:53	06/09/22 11:45	1
Toluene	<0.000452	U *	0.00198	0.000452	mg/Kg	-	06/07/22 15:53	06/09/22 11:45	1
Ethylbenzene	<0.000561	U *	0.00198	0.000561	mg/Kg	-	06/07/22 15:53	06/09/22 11:45	1
m,p-Xylenes	<0.00100	U	0.00397	0.00100	mg/Kg	-	06/07/22 15:53	06/09/22 11:45	1
o-Xylene	<0.000341	U	0.00198	0.000341	mg/Kg	-	06/07/22 15:53	06/09/22 11:45	1
Xylenes, Total	<0.00100	U	0.00397	0.00100	mg/Kg	-	06/07/22 15:53	06/09/22 11:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	06/07/22 15:53	06/09/22 11:45	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-37

Lab Sample ID: 890-2376-37

Date Collected: 06/04/22 10:11

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	98		70 - 130	06/07/22 15:53	06/09/22 11:45	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	19.8	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	19.8	J B	50.0	15.0	mg/Kg		06/07/22 08:17	06/08/22 04:49	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:17	06/08/22 04:49	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:17	06/08/22 04:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				06/07/22 08:17	06/08/22 04:49	1
o-Terphenyl	112		70 - 130				06/07/22 08:17	06/08/22 04:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.22	J	5.01	0.860	mg/Kg			06/15/22 20:16	1

Client Sample ID: B-38

Lab Sample ID: 890-2376-38

Date Collected: 06/04/22 10:13

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U *	0.00199	0.000383	mg/Kg		06/07/22 15:53	06/09/22 12:06	1
Toluene	<0.000453	U *	0.00199	0.000453	mg/Kg		06/07/22 15:53	06/09/22 12:06	1
Ethylbenzene	<0.000562	U *	0.00199	0.000562	mg/Kg		06/07/22 15:53	06/09/22 12:06	1
m,p-Xylenes	<0.00100	U	0.00398	0.00100	mg/Kg		06/07/22 15:53	06/09/22 12:06	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg		06/07/22 15:53	06/09/22 12:06	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg		06/07/22 15:53	06/09/22 12:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	06/07/22 15:53	06/09/22 12:06	1
1,4-Difluorobenzene (Surr)	95		70 - 130	06/07/22 15:53	06/09/22 12:06	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	24.9	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-38

Date Collected: 06/04/22 10:13

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-38

Matrix: Solid

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	24.9	J B	50.0	15.0	mg/Kg		06/07/22 08:17	06/08/22 05:10	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:17	06/08/22 05:10	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:17	06/08/22 05:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				06/07/22 08:17	06/08/22 05:10	1
o-Terphenyl	118		70 - 130				06/07/22 08:17	06/08/22 05:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.22	J	5.00	0.858	mg/Kg			06/15/22 20:22	1

Client Sample ID: B-39

Date Collected: 06/04/22 10:15

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-39

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U *	0.00199	0.000383	mg/Kg		06/07/22 15:53	06/09/22 12:26	1
Toluene	<0.000454	U *	0.00199	0.000454	mg/Kg		06/07/22 15:53	06/09/22 12:26	1
Ethylbenzene	<0.000563	U *	0.00199	0.000563	mg/Kg		06/07/22 15:53	06/09/22 12:26	1
m,p-Xylenes	<0.00101	U	0.00398	0.00101	mg/Kg		06/07/22 15:53	06/09/22 12:26	1
o-Xylene	<0.000343	U	0.00199	0.000343	mg/Kg		06/07/22 15:53	06/09/22 12:26	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg		06/07/22 15:53	06/09/22 12:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				06/07/22 15:53	06/09/22 12:26	1
1,4-Difluorobenzene (Surr)	100		70 - 130				06/07/22 15:53	06/09/22 12:26	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	29.8	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	29.8	J B	49.9	15.0	mg/Kg		06/07/22 08:17	06/08/22 05:31	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		06/07/22 08:17	06/08/22 05:31	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		06/07/22 08:17	06/08/22 05:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				06/07/22 08:17	06/08/22 05:31	1
o-Terphenyl	127		70 - 130				06/07/22 08:17	06/08/22 05:31	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-39

Date Collected: 06/04/22 10:15

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-39

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.86		4.98	0.855	mg/Kg			06/15/22 20:29	1

Client Sample ID: B-40

Date Collected: 06/04/22 10:17

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-40

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U *	0.00200	0.000384	mg/Kg		06/07/22 15:53	06/09/22 12:46	1
Toluene	<0.000455	U *	0.00200	0.000455	mg/Kg		06/07/22 15:53	06/09/22 12:46	1
Ethylbenzene	<0.000564	U *	0.00200	0.000564	mg/Kg		06/07/22 15:53	06/09/22 12:46	1
m,p-Xylenes	<0.00101	U	0.00399	0.00101	mg/Kg		06/07/22 15:53	06/09/22 12:46	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg		06/07/22 15:53	06/09/22 12:46	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		06/07/22 15:53	06/09/22 12:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				06/07/22 15:53	06/09/22 12:46	1
1,4-Difluorobenzene (Surr)	98		70 - 130				06/07/22 15:53	06/09/22 12:46	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	23.5	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	23.5	J B	49.8	14.9	mg/Kg		06/07/22 08:17	06/08/22 05:52	1
Diesel Range Organics (Over C10-C28)	<14.9	U	49.8	14.9	mg/Kg		06/07/22 08:17	06/08/22 05:52	1
Oil Range Organics (Over C28-C36)	<14.9	U	49.8	14.9	mg/Kg		06/07/22 08:17	06/08/22 05:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				06/07/22 08:17	06/08/22 05:52	1
o-Terphenyl	107		70 - 130				06/07/22 08:17	06/08/22 05:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	349		4.96	0.851	mg/Kg			06/15/22 20:35	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-41

Lab Sample ID: 890-2376-41

Date Collected: 06/04/22 10:20

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000573	J	0.00201	0.000387	mg/Kg		06/07/22 15:57	06/09/22 13:48	1
Toluene	0.000469	J	0.00201	0.000459	mg/Kg		06/07/22 15:57	06/09/22 13:48	1
Ethylbenzene	<0.000568	U	0.00201	0.000568	mg/Kg		06/07/22 15:57	06/09/22 13:48	1
m,p-Xylenes	<0.00102	U	0.00402	0.00102	mg/Kg		06/07/22 15:57	06/09/22 13:48	1
o-Xylene	0.00115	J	0.00201	0.000346	mg/Kg		06/07/22 15:57	06/09/22 13:48	1
Xylenes, Total	0.00115	J	0.00402	0.00102	mg/Kg		06/07/22 15:57	06/09/22 13:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	06/07/22 15:57	06/09/22 13:48	1
1,4-Difluorobenzene (Surr)	102		70 - 130	06/07/22 15:57	06/09/22 13:48	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00219	J	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	47.2	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	17.4	J ** *1	49.9	15.0	mg/Kg		06/07/22 09:03	06/08/22 11:08	1
Diesel Range Organics (Over C10-C28)	<15.0	U **	49.9	15.0	mg/Kg		06/07/22 09:03	06/08/22 11:08	1
Oil Range Organics (Over C28-C36)	29.8	J B	49.9	15.0	mg/Kg		06/07/22 09:03	06/08/22 11:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	06/07/22 09:03	06/08/22 11:08	1
o-Terphenyl	111		70 - 130	06/07/22 09:03	06/08/22 11:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.46	J	5.03	0.863	mg/Kg			06/15/22 20:41	1

Client Sample ID: B-42

Lab Sample ID: 890-2376-42

Date Collected: 06/04/22 10:23

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		06/07/22 15:57	06/09/22 14:09	1
Toluene	<0.000453	U	0.00199	0.000453	mg/Kg		06/07/22 15:57	06/09/22 14:09	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg		06/07/22 15:57	06/09/22 14:09	1
m,p-Xylenes	<0.00100	U	0.00398	0.00100	mg/Kg		06/07/22 15:57	06/09/22 14:09	1
o-Xylene	0.000996	J	0.00199	0.000342	mg/Kg		06/07/22 15:57	06/09/22 14:09	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg		06/07/22 15:57	06/09/22 14:09	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-42

Lab Sample ID: 890-2376-42

Date Collected: 06/04/22 10:23

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	06/07/22 15:57	06/09/22 14:09	1
1,4-Difluorobenzene (Surr)	104		70 - 130	06/07/22 15:57	06/09/22 14:09	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	40.3	J	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	15.8	J ** *1	50.0	15.0	mg/Kg	-	06/07/22 09:03	06/08/22 12:13	1
Diesel Range Organics (Over C10-C28)	<15.0	U **	50.0	15.0	mg/Kg	-	06/07/22 09:03	06/08/22 12:13	1
Oil Range Organics (Over C28-C36)	24.5	J B	50.0	15.0	mg/Kg	-	06/07/22 09:03	06/08/22 12:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	06/07/22 09:03	06/08/22 12:13	1
o-Terphenyl	109		70 - 130	06/07/22 09:03	06/08/22 12:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.5		5.03	0.863	mg/Kg	-		06/16/22 15:45	1

Client Sample ID: B-43

Lab Sample ID: 890-2376-43

Date Collected: 06/04/22 10:25

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg	-	06/07/22 15:57	06/09/22 14:30	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg	-	06/07/22 15:57	06/09/22 14:30	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg	-	06/07/22 15:57	06/09/22 14:30	1
m,p-Xylenes	<0.00101	U	0.00399	0.00101	mg/Kg	-	06/07/22 15:57	06/09/22 14:30	1
o-Xylene	0.000988	J	0.00200	0.000343	mg/Kg	-	06/07/22 15:57	06/09/22 14:30	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg	-	06/07/22 15:57	06/09/22 14:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	06/07/22 15:57	06/09/22 14:30	1
1,4-Difluorobenzene (Surr)	108		70 - 130	06/07/22 15:57	06/09/22 14:30	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-43

Lab Sample ID: 890-2376-43

Date Collected: 06/04/22 10:25

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	47.7	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	26.4	J ** *1	50.0	15.0	mg/Kg		06/07/22 09:03	06/08/22 12:35	1
Diesel Range Organics (Over C10-C28)	<15.0	U **	50.0	15.0	mg/Kg		06/07/22 09:03	06/08/22 12:35	1
Oil Range Organics (Over C28-C36)	21.3	J B	50.0	15.0	mg/Kg		06/07/22 09:03	06/08/22 12:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				06/07/22 09:03	06/08/22 12:35	1
o-Terphenyl	109		70 - 130				06/07/22 09:03	06/08/22 12:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.8		5.00	0.858	mg/Kg			06/16/22 16:08	1

Client Sample ID: B-44

Lab Sample ID: 890-2376-44

Date Collected: 06/04/22 10:27

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		06/07/22 15:57	06/09/22 14:50	1
Toluene	<0.000454	U	0.00199	0.000454	mg/Kg		06/07/22 15:57	06/09/22 14:50	1
Ethylbenzene	<0.000563	U	0.00199	0.000563	mg/Kg		06/07/22 15:57	06/09/22 14:50	1
m,p-Xylenes	<0.00101	U	0.00398	0.00101	mg/Kg		06/07/22 15:57	06/09/22 14:50	1
o-Xylene	0.00103	J	0.00199	0.000343	mg/Kg		06/07/22 15:57	06/09/22 14:50	1
Xylenes, Total	0.00103	J	0.00398	0.00101	mg/Kg		06/07/22 15:57	06/09/22 14:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				06/07/22 15:57	06/09/22 14:50	1
1,4-Difluorobenzene (Surr)	98		70 - 130				06/07/22 15:57	06/09/22 14:50	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00103	J	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	22.9	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U ** *1	50.0	15.0	mg/Kg		06/07/22 09:03	06/08/22 12:57	1
Diesel Range Organics (Over C10-C28)	<15.0	U **	50.0	15.0	mg/Kg		06/07/22 09:03	06/08/22 12:57	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-44

Date Collected: 06/04/22 10:27

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-44

Matrix: Solid

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	22.9	J B	50.0	15.0	mg/Kg	-	06/07/22 09:03	06/08/22 12:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				06/07/22 09:03	06/08/22 12:57	1
o-Terphenyl	101		70 - 130				06/07/22 09:03	06/08/22 12:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.6		4.99	0.857	mg/Kg	-		06/16/22 16:16	1

Client Sample ID: B-45

Date Collected: 06/04/22 10:30

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-45

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg	-	06/07/22 15:57	06/09/22 15:11	1
Toluene	<0.000453	U	0.00199	0.000453	mg/Kg	-	06/07/22 15:57	06/09/22 15:11	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg	-	06/07/22 15:57	06/09/22 15:11	1
m,p-Xylenes	<0.00100	U	0.00398	0.00100	mg/Kg	-	06/07/22 15:57	06/09/22 15:11	1
o-Xylene	0.00101	J	0.00199	0.000342	mg/Kg	-	06/07/22 15:57	06/09/22 15:11	1
Xylenes, Total	0.00101	J	0.00398	0.00100	mg/Kg	-	06/07/22 15:57	06/09/22 15:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				06/07/22 15:57	06/09/22 15:11	1
1,4-Difluorobenzene (Surr)	104		70 - 130				06/07/22 15:57	06/09/22 15:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00101	J	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	45.6	J	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	22.0	J *+ *1	50.0	15.0	mg/Kg	-	06/07/22 09:03	06/08/22 13:18	1
Diesel Range Organics (Over C10-C28)	<15.0	U *+	50.0	15.0	mg/Kg	-	06/07/22 09:03	06/08/22 13:18	1
Oil Range Organics (Over C28-C36)	23.6	J B	50.0	15.0	mg/Kg	-	06/07/22 09:03	06/08/22 13:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				06/07/22 09:03	06/08/22 13:18	1
o-Terphenyl	112		70 - 130				06/07/22 09:03	06/08/22 13:18	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-45

Date Collected: 06/04/22 10:30

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-45

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.7		4.95	0.850	mg/Kg			06/16/22 16:24	1

Client Sample ID: B-46

Date Collected: 06/04/22 10:32

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-46

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		06/07/22 15:57	06/09/22 15:32	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		06/07/22 15:57	06/09/22 15:32	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		06/07/22 15:57	06/09/22 15:32	1
m,p-Xylenes	<0.00101	U	0.00400	0.00101	mg/Kg		06/07/22 15:57	06/09/22 15:32	1
o-Xylene	0.00108	J	0.00200	0.000344	mg/Kg		06/07/22 15:57	06/09/22 15:32	1
Xylenes, Total	0.00108	J	0.00400	0.00101	mg/Kg		06/07/22 15:57	06/09/22 15:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				06/07/22 15:57	06/09/22 15:32	1
1,4-Difluorobenzene (Surr)	103		70 - 130				06/07/22 15:57	06/09/22 15:32	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00108	J	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	22.5	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U *+ *1	50.0	15.0	mg/Kg		06/07/22 09:03	06/08/22 13:40	1
Diesel Range Organics (Over C10-C28)	<15.0	U *+	50.0	15.0	mg/Kg		06/07/22 09:03	06/08/22 13:40	1
Oil Range Organics (Over C28-C36)	22.5	J B	50.0	15.0	mg/Kg		06/07/22 09:03	06/08/22 13:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				06/07/22 09:03	06/08/22 13:40	1
o-Terphenyl	108		70 - 130				06/07/22 09:03	06/08/22 13:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.3		4.97	0.853	mg/Kg			06/16/22 16:32	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-47

Lab Sample ID: 890-2376-47

Date Collected: 06/04/22 10:34

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 6 - 7

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg		06/07/22 15:57	06/09/22 15:53	1
Toluene	<0.000458	U	0.00201	0.000458	mg/Kg		06/07/22 15:57	06/09/22 15:53	1
Ethylbenzene	<0.000567	U	0.00201	0.000567	mg/Kg		06/07/22 15:57	06/09/22 15:53	1
m,p-Xylenes	<0.00101	U	0.00402	0.00101	mg/Kg		06/07/22 15:57	06/09/22 15:53	1
o-Xylene	0.00102	J	0.00201	0.000345	mg/Kg		06/07/22 15:57	06/09/22 15:53	1
Xylenes, Total	0.00102	J	0.00402	0.00101	mg/Kg		06/07/22 15:57	06/09/22 15:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	06/07/22 15:57	06/09/22 15:53	1
1,4-Difluorobenzene (Surr)	98		70 - 130	06/07/22 15:57	06/09/22 15:53	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00102	J	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	24.4	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U ** *1	50.0	15.0	mg/Kg		06/07/22 09:03	06/08/22 14:02	1
Diesel Range Organics (Over C10-C28)	<15.0	U **	50.0	15.0	mg/Kg		06/07/22 09:03	06/08/22 14:02	1
Oil Range Organics (Over C28-C36)	24.4	J B	50.0	15.0	mg/Kg		06/07/22 09:03	06/08/22 14:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	06/07/22 09:03	06/08/22 14:02	1
o-Terphenyl	101		70 - 130	06/07/22 09:03	06/08/22 14:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.1		5.00	0.858	mg/Kg			06/16/22 16:56	1

Client Sample ID: B-48

Lab Sample ID: 890-2376-48

Date Collected: 06/04/22 10:37

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 6 - 7

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg		06/07/22 15:57	06/09/22 16:13	1
Toluene	<0.000459	U	0.00201	0.000459	mg/Kg		06/07/22 15:57	06/09/22 16:13	1
Ethylbenzene	<0.000568	U	0.00201	0.000568	mg/Kg		06/07/22 15:57	06/09/22 16:13	1
m,p-Xylenes	<0.00102	U	0.00402	0.00102	mg/Kg		06/07/22 15:57	06/09/22 16:13	1
o-Xylene	0.000929	J	0.00201	0.000346	mg/Kg		06/07/22 15:57	06/09/22 16:13	1
Xylenes, Total	<0.00102	U	0.00402	0.00102	mg/Kg		06/07/22 15:57	06/09/22 16:13	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-48

Lab Sample ID: 890-2376-48

Date Collected: 06/04/22 10:37

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 6 - 7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	06/07/22 15:57	06/09/22 16:13	1
1,4-Difluorobenzene (Surr)	45	S1-	70 - 130	06/07/22 15:57	06/09/22 16:13	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	21.0	J	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U *+ *1	49.9	15.0	mg/Kg	-	06/07/22 09:03	06/08/22 14:24	1
Diesel Range Organics (Over C10-C28)	<15.0	U *+	49.9	15.0	mg/Kg	-	06/07/22 09:03	06/08/22 14:24	1
Oil Range Organics (Over C28-C36)	21.0	J B	49.9	15.0	mg/Kg	-	06/07/22 09:03	06/08/22 14:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	06/07/22 09:03	06/08/22 14:24	1
o-Terphenyl	114		70 - 130	06/07/22 09:03	06/08/22 14:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.7		4.98	0.855	mg/Kg	-		06/16/22 17:03	1

Client Sample ID: B-49

Lab Sample ID: 890-2376-49

Date Collected: 06/04/22 10:39

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000386	U	0.00200	0.000386	mg/Kg	-	06/07/22 15:57	06/09/22 16:34	1
Toluene	<0.000457	U	0.00200	0.000457	mg/Kg	-	06/07/22 15:57	06/09/22 16:34	1
Ethylbenzene	<0.000566	U	0.00200	0.000566	mg/Kg	-	06/07/22 15:57	06/09/22 16:34	1
m,p-Xylenes	<0.00101	U	0.00401	0.00101	mg/Kg	-	06/07/22 15:57	06/09/22 16:34	1
o-Xylene	0.00117	J	0.00200	0.000345	mg/Kg	-	06/07/22 15:57	06/09/22 16:34	1
Xylenes, Total	0.00117	J	0.00401	0.00101	mg/Kg	-	06/07/22 15:57	06/09/22 16:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	06/07/22 15:57	06/09/22 16:34	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/07/22 15:57	06/09/22 16:34	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00117	J	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-49

Lab Sample ID: 890-2376-49

Date Collected: 06/04/22 10:39

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	47.6	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	23.6	J ** *1	49.9	15.0	mg/Kg		06/07/22 09:03	06/08/22 14:46	1
Diesel Range Organics (Over C10-C28)	<15.0	U **	49.9	15.0	mg/Kg		06/07/22 09:03	06/08/22 14:46	1
Oil Range Organics (Over C28-C36)	24.0	J B	49.9	15.0	mg/Kg		06/07/22 09:03	06/08/22 14:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				06/07/22 09:03	06/08/22 14:46	1
o-Terphenyl	118		70 - 130				06/07/22 09:03	06/08/22 14:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.5		5.04	0.865	mg/Kg			06/16/22 17:11	1

Client Sample ID: B-50

Lab Sample ID: 890-2376-50

Date Collected: 06/04/22 10:42

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		06/07/22 15:57	06/09/22 16:55	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg		06/07/22 15:57	06/09/22 16:55	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg		06/07/22 15:57	06/09/22 16:55	1
m,p-Xylenes	<0.00101	U	0.00399	0.00101	mg/Kg		06/07/22 15:57	06/09/22 16:55	1
o-Xylene	0.000846	J	0.00200	0.000343	mg/Kg		06/07/22 15:57	06/09/22 16:55	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		06/07/22 15:57	06/09/22 16:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				06/07/22 15:57	06/09/22 16:55	1
1,4-Difluorobenzene (Surr)	104		70 - 130				06/07/22 15:57	06/09/22 16:55	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	36.2	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	16.5	J ** *1	49.8	14.9	mg/Kg		06/07/22 09:03	06/08/22 15:08	1
Diesel Range Organics (Over C10-C28)	<14.9	U **	49.8	14.9	mg/Kg		06/07/22 09:03	06/08/22 15:08	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-50

Date Collected: 06/04/22 10:42

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-50

Matrix: Solid

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	19.7	J B	49.8	14.9	mg/Kg	-	06/07/22 09:03	06/08/22 15:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				06/07/22 09:03	06/08/22 15:08	1
o-Terphenyl	108		70 - 130				06/07/22 09:03	06/08/22 15:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.1		4.99	0.857	mg/Kg	-		06/16/22 17:19	1

Client Sample ID: B-51

Date Collected: 06/04/22 10:45

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-51

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg	-	06/10/22 08:05	06/10/22 18:26	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg	-	06/10/22 08:05	06/10/22 18:26	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg	-	06/10/22 08:05	06/10/22 18:26	1
m,p-Xylenes	<0.00101	U	0.00399	0.00101	mg/Kg	-	06/10/22 08:05	06/10/22 18:26	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg	-	06/10/22 08:05	06/10/22 18:26	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg	-	06/10/22 08:05	06/10/22 18:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				06/10/22 08:05	06/10/22 18:26	1
1,4-Difluorobenzene (Surr)	99		70 - 130				06/10/22 08:05	06/10/22 18:26	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	49.9	J	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	27.7	J *+ *1	50.0	15.0	mg/Kg	-	06/07/22 09:03	06/08/22 15:54	1
Diesel Range Organics (Over C10-C28)	<15.0	U *+	50.0	15.0	mg/Kg	-	06/07/22 09:03	06/08/22 15:54	1
Oil Range Organics (Over C28-C36)	22.2	J B	50.0	15.0	mg/Kg	-	06/07/22 09:03	06/08/22 15:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				06/07/22 09:03	06/08/22 15:54	1
o-Terphenyl	117		70 - 130				06/07/22 09:03	06/08/22 15:54	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-51

Date Collected: 06/04/22 10:45

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-51

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.3		4.98	0.855	mg/Kg			06/16/22 17:27	1

Client Sample ID: B-52

Date Collected: 06/04/22 10:47

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-52

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		06/10/22 08:05	06/10/22 18:46	1
Toluene	<0.000453	U	0.00199	0.000453	mg/Kg		06/10/22 08:05	06/10/22 18:46	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg		06/10/22 08:05	06/10/22 18:46	1
m,p-Xylenes	<0.00100	U	0.00398	0.00100	mg/Kg		06/10/22 08:05	06/10/22 18:46	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg		06/10/22 08:05	06/10/22 18:46	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg		06/10/22 08:05	06/10/22 18:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				06/10/22 08:05	06/10/22 18:46	1
1,4-Difluorobenzene (Surr)	98		70 - 130				06/10/22 08:05	06/10/22 18:46	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	37.5	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	15.8	J *+ *1	50.0	15.0	mg/Kg		06/07/22 09:03	06/08/22 16:38	1
Diesel Range Organics (Over C10-C28)	<15.0	U *+	50.0	15.0	mg/Kg		06/07/22 09:03	06/08/22 16:38	1
Oil Range Organics (Over C28-C36)	21.7	J B	50.0	15.0	mg/Kg		06/07/22 09:03	06/08/22 16:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				06/07/22 09:03	06/08/22 16:38	1
o-Terphenyl	108		70 - 130				06/07/22 09:03	06/08/22 16:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.4		5.00	0.858	mg/Kg			06/16/22 17:35	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-53

Lab Sample ID: 890-2376-53

Date Collected: 06/04/22 10:48

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		06/10/22 08:00	06/10/22 19:07	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		06/10/22 08:00	06/10/22 19:07	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		06/10/22 08:00	06/10/22 19:07	1
m,p-Xylenes	<0.00101	U	0.00400	0.00101	mg/Kg		06/10/22 08:00	06/10/22 19:07	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		06/10/22 08:00	06/10/22 19:07	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		06/10/22 08:00	06/10/22 19:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	06/10/22 08:00	06/10/22 19:07	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/10/22 08:00	06/10/22 19:07	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	39.3	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	17.4	J *+ *1	49.9	15.0	mg/Kg		06/07/22 09:03	06/08/22 17:00	1
Diesel Range Organics (Over C10-C28)	<15.0	U *+	49.9	15.0	mg/Kg		06/07/22 09:03	06/08/22 17:00	1
Oil Range Organics (Over C28-C36)	21.9	J B	49.9	15.0	mg/Kg		06/07/22 09:03	06/08/22 17:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				06/07/22 09:03	06/08/22 17:00	1
o-Terphenyl	102		70 - 130				06/07/22 09:03	06/08/22 17:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.6		4.95	0.850	mg/Kg			06/16/22 17:58	1

Client Sample ID: B-54

Lab Sample ID: 890-2376-54

Date Collected: 06/04/22 10:52

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.00198	0.000381	mg/Kg		06/09/22 08:05	06/10/22 19:28	1
Toluene	<0.000451	U	0.00198	0.000451	mg/Kg		06/09/22 08:05	06/10/22 19:28	1
Ethylbenzene	<0.000559	U	0.00198	0.000559	mg/Kg		06/09/22 08:05	06/10/22 19:28	1
m,p-Xylenes	<0.00100	U	0.00396	0.00100	mg/Kg		06/09/22 08:05	06/10/22 19:28	1
o-Xylene	<0.000341	U	0.00198	0.000341	mg/Kg		06/09/22 08:05	06/10/22 19:28	1
Xylenes, Total	<0.00100	U	0.00396	0.00100	mg/Kg		06/09/22 08:05	06/10/22 19:28	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-54

Lab Sample ID: 890-2376-54

Date Collected: 06/04/22 10:52

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	06/09/22 08:05	06/10/22 19:28	1
1,4-Difluorobenzene (Surr)	95		70 - 130	06/09/22 08:05	06/10/22 19:28	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	36.2	J	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	15.5	J ** *1	50.0	15.0	mg/Kg	-	06/07/22 09:03	06/08/22 17:23	1
Diesel Range Organics (Over C10-C28)	<15.0	U **	50.0	15.0	mg/Kg	-	06/07/22 09:03	06/08/22 17:23	1
Oil Range Organics (Over C28-C36)	20.7	J B	50.0	15.0	mg/Kg	-	06/07/22 09:03	06/08/22 17:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	06/07/22 09:03	06/08/22 17:23	1
o-Terphenyl	107		70 - 130	06/07/22 09:03	06/08/22 17:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.0		4.99	0.857	mg/Kg	-		06/16/22 18:06	1

Client Sample ID: B-55

Lab Sample ID: 890-2376-55

Date Collected: 06/04/22 10:54

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg	-	06/10/22 08:05	06/10/22 19:48	1
Toluene	<0.000458	U	0.00201	0.000458	mg/Kg	-	06/10/22 08:05	06/10/22 19:48	1
Ethylbenzene	<0.000567	U	0.00201	0.000567	mg/Kg	-	06/10/22 08:05	06/10/22 19:48	1
m,p-Xylenes	<0.00101	U	0.00402	0.00101	mg/Kg	-	06/10/22 08:05	06/10/22 19:48	1
o-Xylene	<0.000345	U	0.00201	0.000345	mg/Kg	-	06/10/22 08:05	06/10/22 19:48	1
Xylenes, Total	<0.00101	U	0.00402	0.00101	mg/Kg	-	06/10/22 08:05	06/10/22 19:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	06/10/22 08:05	06/10/22 19:48	1
1,4-Difluorobenzene (Surr)	96		70 - 130	06/10/22 08:05	06/10/22 19:48	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-55

Lab Sample ID: 890-2376-55

Date Collected: 06/04/22 10:54

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	20.4	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U ** *1	50.0	15.0	mg/Kg		06/07/22 09:03	06/08/22 17:45	1
Diesel Range Organics (Over C10-C28)	<15.0	U **	50.0	15.0	mg/Kg		06/07/22 09:03	06/08/22 17:45	1
Oil Range Organics (Over C28-C36)	20.4	J B	50.0	15.0	mg/Kg		06/07/22 09:03	06/08/22 17:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				06/07/22 09:03	06/08/22 17:45	1
o-Terphenyl	106		70 - 130				06/07/22 09:03	06/08/22 17:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.2		5.04	0.865	mg/Kg			06/16/22 18:30	1

Client Sample ID: B-56

Lab Sample ID: 890-2376-56

Date Collected: 06/04/22 10:57

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000432	J F1 F2 *1	0.00199	0.000383	mg/Kg		06/10/22 09:30	06/14/22 03:48	1
Toluene	<0.000453	U F1 F2	0.00199	0.000453	mg/Kg		06/10/22 09:30	06/14/22 03:48	1
Ethylbenzene	<0.000562	U F1 F2	0.00199	0.000562	mg/Kg		06/10/22 09:30	06/14/22 03:48	1
m,p-Xylenes	<0.00100	U F1 F2	0.00398	0.00100	mg/Kg		06/10/22 09:30	06/14/22 03:48	1
o-Xylene	<0.000342	U F1 F2	0.00199	0.000342	mg/Kg		06/10/22 09:30	06/14/22 03:48	1
Xylenes, Total	<0.00100	U F1 F2	0.00398	0.00100	mg/Kg		06/10/22 09:30	06/14/22 03:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				06/10/22 09:30	06/14/22 03:48	1
1,4-Difluorobenzene (Surr)	91		70 - 130				06/10/22 09:30	06/14/22 03:48	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	39.6	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	21.5	J ** *1	49.9	15.0	mg/Kg		06/07/22 09:03	06/08/22 18:07	1
Diesel Range Organics (Over C10-C28)	<15.0	U **	49.9	15.0	mg/Kg		06/07/22 09:03	06/08/22 18:07	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-56

Date Collected: 06/04/22 10:57

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-56

Matrix: Solid

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	18.1	J B	49.9	15.0	mg/Kg	-	06/07/22 09:03	06/08/22 18:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				06/07/22 09:03	06/08/22 18:07	1
o-Terphenyl	118		70 - 130				06/07/22 09:03	06/08/22 18:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.62		4.98	0.855	mg/Kg	-		06/16/22 19:18	1

Client Sample ID: B-57

Date Collected: 06/04/22 10:58

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-57

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000382	U *1	0.00198	0.000382	mg/Kg	-	06/10/22 09:30	06/14/22 04:09	1
Toluene	<0.000452	U	0.00198	0.000452	mg/Kg	-	06/10/22 09:30	06/14/22 04:09	1
Ethylbenzene	<0.000561	U	0.00198	0.000561	mg/Kg	-	06/10/22 09:30	06/14/22 04:09	1
m,p-Xylenes	<0.00100	U	0.00397	0.00100	mg/Kg	-	06/10/22 09:30	06/14/22 04:09	1
o-Xylene	<0.000341	U	0.00198	0.000341	mg/Kg	-	06/10/22 09:30	06/14/22 04:09	1
Xylenes, Total	<0.00100	U	0.00397	0.00100	mg/Kg	-	06/10/22 09:30	06/14/22 04:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				06/10/22 09:30	06/14/22 04:09	1
1,4-Difluorobenzene (Surr)	100		70 - 130				06/10/22 09:30	06/14/22 04:09	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	36.9	J	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	16.2	J *+ *1	50.0	15.0	mg/Kg	-	06/07/22 09:03	06/08/22 18:28	1
Diesel Range Organics (Over C10-C28)	<15.0	U *+	50.0	15.0	mg/Kg	-	06/07/22 09:03	06/08/22 18:28	1
Oil Range Organics (Over C28-C36)	20.7	J B	50.0	15.0	mg/Kg	-	06/07/22 09:03	06/08/22 18:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				06/07/22 09:03	06/08/22 18:28	1
o-Terphenyl	122		70 - 130				06/07/22 09:03	06/08/22 18:28	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-57

Date Collected: 06/04/22 10:58

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-57

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.57		4.95	0.850	mg/Kg			06/16/22 18:39	1

Client Sample ID: B-58

Date Collected: 06/04/22 11:27

Date Received: 06/06/22 08:05

Sample Depth: 6 - 7

Lab Sample ID: 890-2376-58

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U *1	0.00201	0.000387	mg/Kg		06/10/22 09:30	06/14/22 04:29	1
Toluene	<0.000459	U	0.00201	0.000459	mg/Kg		06/10/22 09:30	06/14/22 04:29	1
Ethylbenzene	<0.000568	U	0.00201	0.000568	mg/Kg		06/10/22 09:30	06/14/22 04:29	1
m,p-Xylenes	<0.00102	U	0.00402	0.00102	mg/Kg		06/10/22 09:30	06/14/22 04:29	1
o-Xylene	<0.000346	U	0.00201	0.000346	mg/Kg		06/10/22 09:30	06/14/22 04:29	1
Xylenes, Total	<0.00102	U	0.00402	0.00102	mg/Kg		06/10/22 09:30	06/14/22 04:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				06/10/22 09:30	06/14/22 04:29	1
1,4-Difluorobenzene (Surr)	99		70 - 130				06/10/22 09:30	06/14/22 04:29	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	47.0	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	26.9	J *+ *1	50.0	15.0	mg/Kg		06/07/22 09:03	06/08/22 18:50	1
Diesel Range Organics (Over C10-C28)	<15.0	U *+	50.0	15.0	mg/Kg		06/07/22 09:03	06/08/22 18:50	1
Oil Range Organics (Over C28-C36)	20.1	J B	50.0	15.0	mg/Kg		06/07/22 09:03	06/08/22 18:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				06/07/22 09:03	06/08/22 18:50	1
o-Terphenyl	104		70 - 130				06/07/22 09:03	06/08/22 18:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.1		4.95	0.850	mg/Kg			06/16/22 18:47	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-59

Lab Sample ID: 890-2376-59

Date Collected: 06/04/22 11:30

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 6 - 7

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U *1	0.00201	0.000387	mg/Kg	-	06/10/22 09:30	06/14/22 04:50	1
Toluene	<0.000458	U	0.00201	0.000458	mg/Kg	-	06/10/22 09:30	06/14/22 04:50	1
Ethylbenzene	<0.000567	U	0.00201	0.000567	mg/Kg	-	06/10/22 09:30	06/14/22 04:50	1
m,p-Xylenes	<0.00101	U	0.00402	0.00101	mg/Kg	-	06/10/22 09:30	06/14/22 04:50	1
o-Xylene	<0.000345	U	0.00201	0.000345	mg/Kg	-	06/10/22 09:30	06/14/22 04:50	1
Xylenes, Total	<0.00101	U	0.00402	0.00101	mg/Kg	-	06/10/22 09:30	06/14/22 04:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	06/10/22 09:30	06/14/22 04:50	1
1,4-Difluorobenzene (Surr)	98		70 - 130	06/10/22 09:30	06/14/22 04:50	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	34.3	J	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	16.3	J *+ *1	49.9	15.0	mg/Kg	-	06/07/22 09:03	06/08/22 19:12	1
Diesel Range Organics (Over C10-C28)	<15.0	U *+	49.9	15.0	mg/Kg	-	06/07/22 09:03	06/08/22 19:12	1
Oil Range Organics (Over C28-C36)	18.0	J B	49.9	15.0	mg/Kg	-	06/07/22 09:03	06/08/22 19:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	06/07/22 09:03	06/08/22 19:12	1
o-Terphenyl	102		70 - 130	06/07/22 09:03	06/08/22 19:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.4		5.02	0.862	mg/Kg	-		06/16/22 18:55	1

Client Sample ID: B-60

Lab Sample ID: 890-2376-60

Date Collected: 06/04/22 11:33

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 6 - 7

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000386	U *1	0.00200	0.000386	mg/Kg	-	06/10/22 09:30	06/14/22 05:11	1
Toluene	<0.000457	U	0.00200	0.000457	mg/Kg	-	06/10/22 09:30	06/14/22 05:11	1
Ethylbenzene	<0.000566	U	0.00200	0.000566	mg/Kg	-	06/10/22 09:30	06/14/22 05:11	1
m,p-Xylenes	<0.00101	U	0.00401	0.00101	mg/Kg	-	06/10/22 09:30	06/14/22 05:11	1
o-Xylene	<0.000345	U	0.00200	0.000345	mg/Kg	-	06/10/22 09:30	06/14/22 05:11	1
Xylenes, Total	<0.00101	U	0.00401	0.00101	mg/Kg	-	06/10/22 09:30	06/14/22 05:11	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-60

Lab Sample ID: 890-2376-60

Date Collected: 06/04/22 11:33

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 6 - 7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	06/10/22 09:30	06/14/22 05:11	1
1,4-Difluorobenzene (Surr)	96		70 - 130	06/10/22 09:30	06/14/22 05:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	17.8	J	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.9	U *+ *1	49.8	14.9	mg/Kg	-	06/07/22 09:03	06/08/22 19:34	1
Diesel Range Organics (Over C10-C28)	<14.9	U *+	49.8	14.9	mg/Kg	-	06/07/22 09:03	06/08/22 19:34	1
Oil Range Organics (Over C28-C36)	17.8	J B	49.8	14.9	mg/Kg	-	06/07/22 09:03	06/08/22 19:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	06/07/22 09:03	06/08/22 19:34	1
o-Terphenyl	99		70 - 130	06/07/22 09:03	06/08/22 19:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.1		5.01	0.860	mg/Kg	-		06/16/22 19:02	1

Client Sample ID: B-61

Lab Sample ID: 890-2376-61

Date Collected: 06/04/22 11:35

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 6 - 7

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U F1	0.00201	0.000387	mg/Kg	-	06/07/22 16:00	06/09/22 23:15	1
Toluene	<0.000458	U F1	0.00201	0.000458	mg/Kg	-	06/07/22 16:00	06/09/22 23:15	1
Ethylbenzene	<0.000567	U F1	0.00201	0.000567	mg/Kg	-	06/07/22 16:00	06/09/22 23:15	1
m,p-Xylenes	<0.00101	U F1	0.00402	0.00101	mg/Kg	-	06/07/22 16:00	06/09/22 23:15	1
o-Xylene	<0.000345	U F1	0.00201	0.000345	mg/Kg	-	06/07/22 16:00	06/09/22 23:15	1
Xylenes, Total	<0.00101	U F1	0.00402	0.00101	mg/Kg	-	06/07/22 16:00	06/09/22 23:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	06/07/22 16:00	06/09/22 23:15	1
1,4-Difluorobenzene (Surr)	96		70 - 130	06/07/22 16:00	06/09/22 23:15	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-61

Lab Sample ID: 890-2376-61

Date Collected: 06/04/22 11:35

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 6 - 7

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	18.4	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	49.9	15.0	mg/Kg		06/07/22 09:24	06/08/22 11:08	1
Diesel Range Organics (Over C10-C28)	18.4	J B	49.9	15.0	mg/Kg		06/07/22 09:24	06/08/22 11:08	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		06/07/22 09:24	06/08/22 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				06/07/22 09:24	06/08/22 11:08	1
o-Terphenyl	86		70 - 130				06/07/22 09:24	06/08/22 11:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.4		4.98	0.855	mg/Kg			06/16/22 19:10	1

Client Sample ID: B-62

Lab Sample ID: 890-2376-62

Date Collected: 06/04/22 11:39

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 6 - 7

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		06/07/22 16:00	06/09/22 23:35	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		06/07/22 16:00	06/09/22 23:35	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		06/07/22 16:00	06/09/22 23:35	1
m,p-Xylenes	<0.00101	U	0.00400	0.00101	mg/Kg		06/07/22 16:00	06/09/22 23:35	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		06/07/22 16:00	06/09/22 23:35	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		06/07/22 16:00	06/09/22 23:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				06/07/22 16:00	06/09/22 23:35	1
1,4-Difluorobenzene (Surr)	95		70 - 130				06/07/22 16:00	06/09/22 23:35	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	19.9	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		06/07/22 09:24	06/08/22 12:13	1
Diesel Range Organics (Over C10-C28)	19.9	J B	50.0	15.0	mg/Kg		06/07/22 09:24	06/08/22 12:13	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 09:24	06/08/22 12:13	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-62

Date Collected: 06/04/22 11:39

Date Received: 06/06/22 08:05

Sample Depth: 6 - 7

Lab Sample ID: 890-2376-62

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	06/07/22 09:24	06/08/22 12:13	1
o-Terphenyl	89		70 - 130	06/07/22 09:24	06/08/22 12:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.1		4.99	0.857	mg/Kg			06/16/22 07:13	1

Client Sample ID: B-63

Date Collected: 06/04/22 11:41

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-63

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		06/07/22 16:00	06/09/22 23:56	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg		06/07/22 16:00	06/09/22 23:56	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg		06/07/22 16:00	06/09/22 23:56	1
m,p-Xylenes	<0.00101	U	0.00399	0.00101	mg/Kg		06/07/22 16:00	06/09/22 23:56	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg		06/07/22 16:00	06/09/22 23:56	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		06/07/22 16:00	06/09/22 23:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	06/07/22 16:00	06/09/22 23:56	1
1,4-Difluorobenzene (Surr)	96		70 - 130	06/07/22 16:00	06/09/22 23:56	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	19.4	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		06/07/22 09:24	06/08/22 12:35	1
Diesel Range Organics (Over C10-C28)	19.4	J B	50.0	15.0	mg/Kg		06/07/22 09:24	06/08/22 12:35	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 09:24	06/08/22 12:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	06/07/22 09:24	06/08/22 12:35	1
o-Terphenyl	85		70 - 130	06/07/22 09:24	06/08/22 12:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.8		4.98	0.855	mg/Kg			06/16/22 07:40	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-64

Lab Sample ID: 890-2376-64

Date Collected: 06/04/22 11:43

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg	-	06/07/22 16:00	06/10/22 00:16	1
Toluene	<0.000453	U	0.00199	0.000453	mg/Kg	-	06/07/22 16:00	06/10/22 00:16	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg	-	06/07/22 16:00	06/10/22 00:16	1
m,p-Xylenes	<0.00100	U	0.00398	0.00100	mg/Kg	-	06/07/22 16:00	06/10/22 00:16	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg	-	06/07/22 16:00	06/10/22 00:16	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg	-	06/07/22 16:00	06/10/22 00:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	06/07/22 16:00	06/10/22 00:16	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/07/22 16:00	06/10/22 00:16	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	15.8	J	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 09:24	06/08/22 12:57	1
Diesel Range Organics (Over C10-C28)	15.8	J B	50.0	15.0	mg/Kg	-	06/07/22 09:24	06/08/22 12:57	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 09:24	06/08/22 12:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	06/07/22 09:24	06/08/22 12:57	1
o-Terphenyl	85		70 - 130	06/07/22 09:24	06/08/22 12:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.4		4.95	0.850	mg/Kg	-		06/16/22 07:49	1

Client Sample ID: B-65

Lab Sample ID: 890-2376-65

Date Collected: 06/04/22 11:45

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg	-	06/07/22 16:00	06/10/22 00:37	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg	-	06/07/22 16:00	06/10/22 00:37	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg	-	06/07/22 16:00	06/10/22 00:37	1
m,p-Xylenes	<0.00101	U	0.00399	0.00101	mg/Kg	-	06/07/22 16:00	06/10/22 00:37	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg	-	06/07/22 16:00	06/10/22 00:37	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg	-	06/07/22 16:00	06/10/22 00:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	06/07/22 16:00	06/10/22 00:37	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-65

Lab Sample ID: 890-2376-65

Date Collected: 06/04/22 11:45

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	96		70 - 130	06/07/22 16:00	06/10/22 00:37	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	16.3	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		06/07/22 09:24	06/08/22 13:18	1
Diesel Range Organics (Over C10-C28)	16.3	J B	50.0	15.0	mg/Kg		06/07/22 09:24	06/08/22 13:18	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 09:24	06/08/22 13:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				06/07/22 09:24	06/08/22 13:18	1
o-Terphenyl	85		70 - 130				06/07/22 09:24	06/08/22 13:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31.1		5.01	0.860	mg/Kg			06/16/22 07:59	1

Client Sample ID: B-66

Lab Sample ID: 890-2376-66

Date Collected: 06/04/22 11:47

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000382	U	0.00198	0.000382	mg/Kg		06/07/22 16:00	06/10/22 00:57	1
Toluene	<0.000452	U	0.00198	0.000452	mg/Kg		06/07/22 16:00	06/10/22 00:57	1
Ethylbenzene	<0.000561	U	0.00198	0.000561	mg/Kg		06/07/22 16:00	06/10/22 00:57	1
m,p-Xylenes	<0.00100	U	0.00397	0.00100	mg/Kg		06/07/22 16:00	06/10/22 00:57	1
o-Xylene	<0.000341	U	0.00198	0.000341	mg/Kg		06/07/22 16:00	06/10/22 00:57	1
Xylenes, Total	<0.00100	U	0.00397	0.00100	mg/Kg		06/07/22 16:00	06/10/22 00:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	06/07/22 16:00	06/10/22 00:57	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/07/22 16:00	06/10/22 00:57	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	17.3	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-66

Lab Sample ID: 890-2376-66

Date Collected: 06/04/22 11:47

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 09:24	06/08/22 13:40	1
Diesel Range Organics (Over C10-C28)	17.3	J B	50.0	15.0	mg/Kg	-	06/07/22 09:24	06/08/22 13:40	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 09:24	06/08/22 13:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				06/07/22 09:24	06/08/22 13:40	1
o-Terphenyl	86		70 - 130				06/07/22 09:24	06/08/22 13:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.8		4.98	0.855	mg/Kg	-		06/16/22 08:08	1

Client Sample ID: B-67

Lab Sample ID: 890-2376-67

Date Collected: 06/04/22 11:50

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000386	U	0.00200	0.000386	mg/Kg	-	06/07/22 16:00	06/10/22 01:18	1
Toluene	<0.000457	U	0.00200	0.000457	mg/Kg	-	06/07/22 16:00	06/10/22 01:18	1
Ethylbenzene	<0.000566	U	0.00200	0.000566	mg/Kg	-	06/07/22 16:00	06/10/22 01:18	1
m,p-Xylenes	<0.00101	U	0.00401	0.00101	mg/Kg	-	06/07/22 16:00	06/10/22 01:18	1
o-Xylene	<0.000345	U	0.00200	0.000345	mg/Kg	-	06/07/22 16:00	06/10/22 01:18	1
Xylenes, Total	<0.00101	U	0.00401	0.00101	mg/Kg	-	06/07/22 16:00	06/10/22 01:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				06/07/22 16:00	06/10/22 01:18	1
1,4-Difluorobenzene (Surr)	97		70 - 130				06/07/22 16:00	06/10/22 01:18	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	17.5	J	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 09:24	06/08/22 14:02	1
Diesel Range Organics (Over C10-C28)	17.5	J B	49.9	15.0	mg/Kg	-	06/07/22 09:24	06/08/22 14:02	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 09:24	06/08/22 14:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				06/07/22 09:24	06/08/22 14:02	1
o-Terphenyl	86		70 - 130				06/07/22 09:24	06/08/22 14:02	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-67

Date Collected: 06/04/22 11:50

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-67

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.3		4.96	0.851	mg/Kg			06/16/22 08:36	1

Client Sample ID: B-68

Date Collected: 06/04/22 11:52

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-68

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg		06/07/22 16:00	06/10/22 01:39	1
Toluene	<0.000458	U	0.00201	0.000458	mg/Kg		06/07/22 16:00	06/10/22 01:39	1
Ethylbenzene	<0.000567	U	0.00201	0.000567	mg/Kg		06/07/22 16:00	06/10/22 01:39	1
m,p-Xylenes	<0.00101	U	0.00402	0.00101	mg/Kg		06/07/22 16:00	06/10/22 01:39	1
o-Xylene	<0.000345	U	0.00201	0.000345	mg/Kg		06/07/22 16:00	06/10/22 01:39	1
Xylenes, Total	<0.00101	U	0.00402	0.00101	mg/Kg		06/07/22 16:00	06/10/22 01:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				06/07/22 16:00	06/10/22 01:39	1
1,4-Difluorobenzene (Surr)	94		70 - 130				06/07/22 16:00	06/10/22 01:39	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		06/07/22 09:24	06/08/22 14:24	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 09:24	06/08/22 14:24	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 09:24	06/08/22 14:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				06/07/22 09:24	06/08/22 14:24	1
o-Terphenyl	83		70 - 130				06/07/22 09:24	06/08/22 14:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.6		5.04	0.865	mg/Kg			06/16/22 08:45	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-69

Lab Sample ID: 890-2376-69

Date Collected: 06/04/22 11:55

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		06/07/22 16:00	06/10/22 01:59	1
Toluene	<0.000454	U	0.00199	0.000454	mg/Kg		06/07/22 16:00	06/10/22 01:59	1
Ethylbenzene	<0.000563	U	0.00199	0.000563	mg/Kg		06/07/22 16:00	06/10/22 01:59	1
m,p-Xylenes	<0.00101	U	0.00398	0.00101	mg/Kg		06/07/22 16:00	06/10/22 01:59	1
o-Xylene	<0.000343	U	0.00199	0.000343	mg/Kg		06/07/22 16:00	06/10/22 01:59	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg		06/07/22 16:00	06/10/22 01:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	06/07/22 16:00	06/10/22 01:59	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/07/22 16:00	06/10/22 01:59	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	16.4	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		06/07/22 09:24	06/08/22 14:46	1
Diesel Range Organics (Over C10-C28)	16.4	J B	50.0	15.0	mg/Kg		06/07/22 09:24	06/08/22 14:46	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 09:24	06/08/22 14:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130	06/07/22 09:24	06/08/22 14:46	1
o-Terphenyl	87		70 - 130	06/07/22 09:24	06/08/22 14:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.2		4.98	0.855	mg/Kg			06/16/22 08:54	1

Client Sample ID: B-70

Lab Sample ID: 890-2376-70

Date Collected: 06/04/22 11:58

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		06/07/22 16:00	06/10/22 02:20	1
Toluene	<0.000453	U	0.00199	0.000453	mg/Kg		06/07/22 16:00	06/10/22 02:20	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg		06/07/22 16:00	06/10/22 02:20	1
m,p-Xylenes	<0.00100	U	0.00398	0.00100	mg/Kg		06/07/22 16:00	06/10/22 02:20	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg		06/07/22 16:00	06/10/22 02:20	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg		06/07/22 16:00	06/10/22 02:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	06/07/22 16:00	06/10/22 02:20	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-70

Lab Sample ID: 890-2376-70

Date Collected: 06/04/22 11:58

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	96		70 - 130	06/07/22 16:00	06/10/22 02:20	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	20.0	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.9	U	49.8	14.9	mg/Kg		06/07/22 09:24	06/08/22 15:08	1
Diesel Range Organics (Over C10-C28)	20.0	J B	49.8	14.9	mg/Kg		06/07/22 09:24	06/08/22 15:08	1
Oil Range Organics (Over C28-C36)	<14.9	U	49.8	14.9	mg/Kg		06/07/22 09:24	06/08/22 15:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				06/07/22 09:24	06/08/22 15:08	1
o-Terphenyl	87		70 - 130				06/07/22 09:24	06/08/22 15:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.8		4.99	0.857	mg/Kg			06/16/22 09:03	1

Client Sample ID: B-71

Lab Sample ID: 890-2376-71

Date Collected: 06/04/22 12:00

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 6 - 7

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		06/07/22 16:00	06/10/22 03:42	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg		06/07/22 16:00	06/10/22 03:42	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg		06/07/22 16:00	06/10/22 03:42	1
m,p-Xylenes	<0.00101	U	0.00399	0.00101	mg/Kg		06/07/22 16:00	06/10/22 03:42	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg		06/07/22 16:00	06/10/22 03:42	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		06/07/22 16:00	06/10/22 03:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	06/07/22 16:00	06/10/22 03:42	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/07/22 16:00	06/10/22 03:42	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg			06/08/22 10:33	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-71

Date Collected: 06/04/22 12:00

Date Received: 06/06/22 08:05

Sample Depth: 6 - 7

Lab Sample ID: 890-2376-71

Matrix: Solid

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		06/07/22 09:24	06/08/22 15:54	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 09:24	06/08/22 15:54	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 09:24	06/08/22 15:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				06/07/22 09:24	06/08/22 15:54	1
o-Terphenyl	87		70 - 130				06/07/22 09:24	06/08/22 15:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.89		5.00	0.858	mg/Kg			06/16/22 09:13	1

Client Sample ID: B-72

Date Collected: 06/04/22 12:02

Date Received: 06/06/22 08:05

Sample Depth: 6 - 7

Lab Sample ID: 890-2376-72

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		06/07/22 16:00	06/10/22 04:03	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		06/07/22 16:00	06/10/22 04:03	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		06/07/22 16:00	06/10/22 04:03	1
m,p-Xylenes	<0.00101	U	0.00400	0.00101	mg/Kg		06/07/22 16:00	06/10/22 04:03	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		06/07/22 16:00	06/10/22 04:03	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		06/07/22 16:00	06/10/22 04:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				06/07/22 16:00	06/10/22 04:03	1
1,4-Difluorobenzene (Surr)	93		70 - 130				06/07/22 16:00	06/10/22 04:03	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		06/07/22 09:24	06/08/22 16:38	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 09:24	06/08/22 16:38	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 09:24	06/08/22 16:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				06/07/22 09:24	06/08/22 16:38	1
o-Terphenyl	88		70 - 130				06/07/22 09:24	06/08/22 16:38	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-72

Date Collected: 06/04/22 12:02

Date Received: 06/06/22 08:05

Sample Depth: 6 - 7

Lab Sample ID: 890-2376-72

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.5		4.99	0.857	mg/Kg			06/16/22 09:22	1

Client Sample ID: B-73

Date Collected: 06/04/22 12:04

Date Received: 06/06/22 08:05

Sample Depth: 6 - 7

Lab Sample ID: 890-2376-73

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg		06/07/22 16:00	06/10/22 04:23	1
Toluene	<0.000458	U	0.00201	0.000458	mg/Kg		06/07/22 16:00	06/10/22 04:23	1
Ethylbenzene	<0.000567	U	0.00201	0.000567	mg/Kg		06/07/22 16:00	06/10/22 04:23	1
m,p-Xylenes	<0.00101	U	0.00402	0.00101	mg/Kg		06/07/22 16:00	06/10/22 04:23	1
o-Xylene	<0.000345	U	0.00201	0.000345	mg/Kg		06/07/22 16:00	06/10/22 04:23	1
Xylenes, Total	<0.00101	U	0.00402	0.00101	mg/Kg		06/07/22 16:00	06/10/22 04:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				06/07/22 16:00	06/10/22 04:23	1
1,4-Difluorobenzene (Surr)	92		70 - 130				06/07/22 16:00	06/10/22 04:23	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	16.9	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	49.9	15.0	mg/Kg		06/07/22 09:24	06/08/22 17:00	1
Diesel Range Organics (Over C10-C28)	16.9	J B	49.9	15.0	mg/Kg		06/07/22 09:24	06/08/22 17:00	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		06/07/22 09:24	06/08/22 17:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				06/07/22 09:24	06/08/22 17:00	1
o-Terphenyl	87		70 - 130				06/07/22 09:24	06/08/22 17:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.6		5.04	0.865	mg/Kg			06/16/22 09:49	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-74

Lab Sample ID: 890-2376-74

Date Collected: 06/04/22 12:07

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 6 - 7

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000386	U	0.00200	0.000386	mg/Kg		06/07/22 16:00	06/10/22 04:44	1
Toluene	<0.000457	U	0.00200	0.000457	mg/Kg		06/07/22 16:00	06/10/22 04:44	1
Ethylbenzene	<0.000566	U	0.00200	0.000566	mg/Kg		06/07/22 16:00	06/10/22 04:44	1
m,p-Xylenes	<0.00101	U	0.00401	0.00101	mg/Kg		06/07/22 16:00	06/10/22 04:44	1
o-Xylene	<0.000345	U	0.00200	0.000345	mg/Kg		06/07/22 16:00	06/10/22 04:44	1
Xylenes, Total	<0.00101	U	0.00401	0.00101	mg/Kg		06/07/22 16:00	06/10/22 04:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	06/07/22 16:00	06/10/22 04:44	1
1,4-Difluorobenzene (Surr)	91		70 - 130	06/07/22 16:00	06/10/22 04:44	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	15.1	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		06/07/22 09:24	06/08/22 17:23	1
Diesel Range Organics (Over C10-C28)	15.1	J B	50.0	15.0	mg/Kg		06/07/22 09:24	06/08/22 17:23	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 09:24	06/08/22 17:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130	06/07/22 09:24	06/08/22 17:23	1
o-Terphenyl	84		70 - 130	06/07/22 09:24	06/08/22 17:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.8		4.98	0.855	mg/Kg			06/16/22 09:59	1

Client Sample ID: B-75

Lab Sample ID: 890-2376-75

Date Collected: 06/04/22 12:09

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 6 - 7

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		06/07/22 16:00	06/10/22 05:04	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg		06/07/22 16:00	06/10/22 05:04	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg		06/07/22 16:00	06/10/22 05:04	1
m,p-Xylenes	<0.00101	U	0.00399	0.00101	mg/Kg		06/07/22 16:00	06/10/22 05:04	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg		06/07/22 16:00	06/10/22 05:04	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		06/07/22 16:00	06/10/22 05:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	06/07/22 16:00	06/10/22 05:04	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-75

Lab Sample ID: 890-2376-75

Date Collected: 06/04/22 12:09

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 6 - 7

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	93		70 - 130	06/07/22 16:00	06/10/22 05:04	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	15.3	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	49.9	15.0	mg/Kg		06/07/22 09:24	06/08/22 17:45	1
Diesel Range Organics (Over C10-C28)	15.3	J B	49.9	15.0	mg/Kg		06/07/22 09:24	06/08/22 17:45	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		06/07/22 09:24	06/08/22 17:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				06/07/22 09:24	06/08/22 17:45	1
o-Terphenyl	86		70 - 130				06/07/22 09:24	06/08/22 17:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.4		4.95	0.850	mg/Kg			06/16/22 10:26	1

Client Sample ID: B-76

Lab Sample ID: 890-2376-76

Date Collected: 06/04/22 12:11

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		06/07/22 16:00	06/10/22 05:25	1
Toluene	<0.000453	U	0.00199	0.000453	mg/Kg		06/07/22 16:00	06/10/22 05:25	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg		06/07/22 16:00	06/10/22 05:25	1
m,p-Xylenes	<0.00100	U	0.00398	0.00100	mg/Kg		06/07/22 16:00	06/10/22 05:25	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg		06/07/22 16:00	06/10/22 05:25	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg		06/07/22 16:00	06/10/22 05:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	06/07/22 16:00	06/10/22 05:25	1
1,4-Difluorobenzene (Surr)	92		70 - 130	06/07/22 16:00	06/10/22 05:25	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	15.3	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-76

Date Collected: 06/04/22 12:11

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-76

Matrix: Solid

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 09:24	06/08/22 18:07	1
Diesel Range Organics (Over C10-C28)	15.3	J B	49.9	15.0	mg/Kg	-	06/07/22 09:24	06/08/22 18:07	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 09:24	06/08/22 18:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				06/07/22 09:24	06/08/22 18:07	1
o-Terphenyl	84		70 - 130				06/07/22 09:24	06/08/22 18:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.2		5.03	0.863	mg/Kg	-		06/16/22 10:36	1

Client Sample ID: B-77

Date Collected: 06/04/22 12:14

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-77

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg	-	06/07/22 16:00	06/10/22 05:45	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg	-	06/07/22 16:00	06/10/22 05:45	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg	-	06/07/22 16:00	06/10/22 05:45	1
m,p-Xylenes	<0.00101	U	0.00399	0.00101	mg/Kg	-	06/07/22 16:00	06/10/22 05:45	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg	-	06/07/22 16:00	06/10/22 05:45	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg	-	06/07/22 16:00	06/10/22 05:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				06/07/22 16:00	06/10/22 05:45	1
1,4-Difluorobenzene (Surr)	92		70 - 130				06/07/22 16:00	06/10/22 05:45	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	17.2	J	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 09:24	06/08/22 18:28	1
Diesel Range Organics (Over C10-C28)	17.2	J B	49.9	15.0	mg/Kg	-	06/07/22 09:24	06/08/22 18:28	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 09:24	06/08/22 18:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				06/07/22 09:24	06/08/22 18:28	1
o-Terphenyl	86		70 - 130				06/07/22 09:24	06/08/22 18:28	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-77

Date Collected: 06/04/22 12:14

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-77

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.1		4.98	0.855	mg/Kg			06/16/22 10:45	1

Client Sample ID: B-78

Date Collected: 06/04/22 12:15

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-78

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000382	U	0.00198	0.000382	mg/Kg		06/07/22 16:00	06/10/22 06:06	1
Toluene	<0.000452	U	0.00198	0.000452	mg/Kg		06/07/22 16:00	06/10/22 06:06	1
Ethylbenzene	<0.000561	U	0.00198	0.000561	mg/Kg		06/07/22 16:00	06/10/22 06:06	1
m,p-Xylenes	<0.00100	U	0.00397	0.00100	mg/Kg		06/07/22 16:00	06/10/22 06:06	1
o-Xylene	<0.000341	U	0.00198	0.000341	mg/Kg		06/07/22 16:00	06/10/22 06:06	1
Xylenes, Total	<0.00100	U	0.00397	0.00100	mg/Kg		06/07/22 16:00	06/10/22 06:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				06/07/22 16:00	06/10/22 06:06	1
1,4-Difluorobenzene (Surr)	92		70 - 130				06/07/22 16:00	06/10/22 06:06	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	16.8	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.9	U	49.8	14.9	mg/Kg		06/07/22 09:24	06/08/22 18:50	1
Diesel Range Organics (Over C10-C28)	16.8	J B	49.8	14.9	mg/Kg		06/07/22 09:24	06/08/22 18:50	1
Oil Range Organics (Over C28-C36)	<14.9	U	49.8	14.9	mg/Kg		06/07/22 09:24	06/08/22 18:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				06/07/22 09:24	06/08/22 18:50	1
o-Terphenyl	83		70 - 130				06/07/22 09:24	06/08/22 18:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.3		4.95	0.850	mg/Kg			06/16/22 10:54	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-79

Lab Sample ID: 890-2376-79

Date Collected: 06/04/22 12:19

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.00198	0.000381	mg/Kg	-	06/07/22 16:00	06/10/22 06:26	1
Toluene	<0.000451	U	0.00198	0.000451	mg/Kg	-	06/07/22 16:00	06/10/22 06:26	1
Ethylbenzene	<0.000559	U	0.00198	0.000559	mg/Kg	-	06/07/22 16:00	06/10/22 06:26	1
m,p-Xylenes	<0.00100	U	0.00396	0.00100	mg/Kg	-	06/07/22 16:00	06/10/22 06:26	1
o-Xylene	<0.000341	U	0.00198	0.000341	mg/Kg	-	06/07/22 16:00	06/10/22 06:26	1
Xylenes, Total	<0.00100	U	0.00396	0.00100	mg/Kg	-	06/07/22 16:00	06/10/22 06:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	06/07/22 16:00	06/10/22 06:26	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/07/22 16:00	06/10/22 06:26	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	32.3	J	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	17.1	J	49.9	15.0	mg/Kg	-	06/07/22 09:24	06/08/22 19:12	1
Diesel Range Organics (Over C10-C28)	15.2	J B	49.9	15.0	mg/Kg	-	06/07/22 09:24	06/08/22 19:12	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 09:24	06/08/22 19:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	06/07/22 09:24	06/08/22 19:12	1
o-Terphenyl	94		70 - 130	06/07/22 09:24	06/08/22 19:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.7		4.99	0.857	mg/Kg	-		06/16/22 11:03	1

Client Sample ID: B-80

Lab Sample ID: 890-2376-80

Date Collected: 06/04/22 12:22

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000386	U	0.00200	0.000386	mg/Kg	-	06/07/22 16:00	06/10/22 06:47	1
Toluene	<0.000457	U	0.00200	0.000457	mg/Kg	-	06/07/22 16:00	06/10/22 06:47	1
Ethylbenzene	<0.000566	U	0.00200	0.000566	mg/Kg	-	06/07/22 16:00	06/10/22 06:47	1
m,p-Xylenes	<0.00101	U	0.00401	0.00101	mg/Kg	-	06/07/22 16:00	06/10/22 06:47	1
o-Xylene	<0.000345	U	0.00200	0.000345	mg/Kg	-	06/07/22 16:00	06/10/22 06:47	1
Xylenes, Total	<0.00101	U	0.00401	0.00101	mg/Kg	-	06/07/22 16:00	06/10/22 06:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	06/07/22 16:00	06/10/22 06:47	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-80

Lab Sample ID: 890-2376-80

Date Collected: 06/04/22 12:22

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	94		70 - 130	06/07/22 16:00	06/10/22 06:47	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	141		50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.9	U	49.8	14.9	mg/Kg		06/07/22 09:24	06/08/22 19:34	1
Diesel Range Organics (Over C10-C28)	141	B	49.8	14.9	mg/Kg		06/07/22 09:24	06/08/22 19:34	1
Oil Range Organics (Over C28-C36)	<14.9	U	49.8	14.9	mg/Kg		06/07/22 09:24	06/08/22 19:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				06/07/22 09:24	06/08/22 19:34	1
o-Terphenyl	87		70 - 130				06/07/22 09:24	06/08/22 19:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.4		5.00	0.858	mg/Kg			06/16/22 11:12	1

Client Sample ID: B-81

Lab Sample ID: 890-2376-81

Date Collected: 06/04/22 12:24

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg		06/07/22 16:09	06/10/22 12:13	1
Toluene	<0.000458	U	0.00201	0.000458	mg/Kg		06/07/22 16:09	06/10/22 12:13	1
Ethylbenzene	<0.000567	U	0.00201	0.000567	mg/Kg		06/07/22 16:09	06/10/22 12:13	1
m,p-Xylenes	<0.00101	U	0.00402	0.00101	mg/Kg		06/07/22 16:09	06/10/22 12:13	1
o-Xylene	<0.000345	U	0.00201	0.000345	mg/Kg		06/07/22 16:09	06/10/22 12:13	1
Xylenes, Total	<0.00101	U	0.00402	0.00101	mg/Kg		06/07/22 16:09	06/10/22 12:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	06/07/22 16:09	06/10/22 12:13	1
1,4-Difluorobenzene (Surr)	90		70 - 130	06/07/22 16:09	06/10/22 12:13	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	32.3	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-81

Lab Sample ID: 890-2376-81

Date Collected: 06/04/22 12:24

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	32.3	J *	49.9	15.0	mg/Kg	-	06/07/22 09:28	06/07/22 22:12	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 09:28	06/07/22 22:12	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 09:28	06/07/22 22:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				06/07/22 09:28	06/07/22 22:12	1
o-Terphenyl	98		70 - 130				06/07/22 09:28	06/07/22 22:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.5		5.05	0.867	mg/Kg	-		06/16/22 11:22	1

Client Sample ID: B-82

Lab Sample ID: 890-2376-82

Date Collected: 06/04/22 12:25

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000386	U	0.00200	0.000386	mg/Kg	-	06/07/22 16:09	06/10/22 12:39	1
Toluene	<0.000457	U	0.00200	0.000457	mg/Kg	-	06/07/22 16:09	06/10/22 12:39	1
Ethylbenzene	<0.000566	U	0.00200	0.000566	mg/Kg	-	06/07/22 16:09	06/10/22 12:39	1
m,p-Xylenes	<0.00101	U	0.00401	0.00101	mg/Kg	-	06/07/22 16:09	06/10/22 12:39	1
o-Xylene	<0.000345	U	0.00200	0.000345	mg/Kg	-	06/07/22 16:09	06/10/22 12:39	1
Xylenes, Total	<0.00101	U	0.00401	0.00101	mg/Kg	-	06/07/22 16:09	06/10/22 12:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				06/07/22 16:09	06/10/22 12:39	1
1,4-Difluorobenzene (Surr)	93		70 - 130				06/07/22 16:09	06/10/22 12:39	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	31.7	J	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	16.4	J *	50.0	15.0	mg/Kg	-	06/07/22 09:28	06/07/22 23:14	1
Diesel Range Organics (Over C10-C28)	15.3	J	50.0	15.0	mg/Kg	-	06/07/22 09:28	06/07/22 23:14	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 09:28	06/07/22 23:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				06/07/22 09:28	06/07/22 23:14	1
o-Terphenyl	89		70 - 130				06/07/22 09:28	06/07/22 23:14	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-82

Date Collected: 06/04/22 12:25

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-82

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.8		5.05	0.867	mg/Kg			06/16/22 20:36	1

Client Sample ID: B-83

Date Collected: 06/04/22 12:28

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-83

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		06/07/22 16:09	06/10/22 13:05	1
Toluene	<0.000454	U	0.00199	0.000454	mg/Kg		06/07/22 16:09	06/10/22 13:05	1
Ethylbenzene	<0.000563	U	0.00199	0.000563	mg/Kg		06/07/22 16:09	06/10/22 13:05	1
m,p-Xylenes	<0.00101	U	0.00398	0.00101	mg/Kg		06/07/22 16:09	06/10/22 13:05	1
o-Xylene	<0.000343	U	0.00199	0.000343	mg/Kg		06/07/22 16:09	06/10/22 13:05	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg		06/07/22 16:09	06/10/22 13:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				06/07/22 16:09	06/10/22 13:05	1
1,4-Difluorobenzene (Surr)	92		70 - 130				06/07/22 16:09	06/10/22 13:05	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	32.2	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	15.9	J *	50.0	15.0	mg/Kg		06/07/22 09:28	06/07/22 23:34	1
Diesel Range Organics (Over C10-C28)	16.3	J	50.0	15.0	mg/Kg		06/07/22 09:28	06/07/22 23:34	1
OII Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 09:28	06/07/22 23:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				06/07/22 09:28	06/07/22 23:34	1
o-Terphenyl	93		70 - 130				06/07/22 09:28	06/07/22 23:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.4		4.95	0.850	mg/Kg			06/16/22 21:00	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-84

Lab Sample ID: 890-2376-84

Date Collected: 06/04/22 13:00

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 6 - 7

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg	-	06/07/22 16:09	06/10/22 13:31	1
Toluene	<0.000453	U	0.00199	0.000453	mg/Kg	-	06/07/22 16:09	06/10/22 13:31	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg	-	06/07/22 16:09	06/10/22 13:31	1
m,p-Xylenes	<0.00100	U	0.00398	0.00100	mg/Kg	-	06/07/22 16:09	06/10/22 13:31	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg	-	06/07/22 16:09	06/10/22 13:31	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg	-	06/07/22 16:09	06/10/22 13:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	06/07/22 16:09	06/10/22 13:31	1
1,4-Difluorobenzene (Surr)	89		70 - 130	06/07/22 16:09	06/10/22 13:31	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	40.0	J	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	21.1	J *	50.0	15.0	mg/Kg	-	06/07/22 09:28	06/07/22 23:54	1
Diesel Range Organics (Over C10-C28)	18.9	J	50.0	15.0	mg/Kg	-	06/07/22 09:28	06/07/22 23:54	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 09:28	06/07/22 23:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130	06/07/22 09:28	06/07/22 23:54	1
o-Terphenyl	94		70 - 130	06/07/22 09:28	06/07/22 23:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.1		4.96	0.851	mg/Kg	-		06/16/22 21:07	1

Client Sample ID: B-85

Lab Sample ID: 890-2376-85

Date Collected: 06/04/22 13:02

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 6 - 7

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg	-	06/07/22 16:09	06/10/22 13:56	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg	-	06/07/22 16:09	06/10/22 13:56	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg	-	06/07/22 16:09	06/10/22 13:56	1
m,p-Xylenes	<0.00101	U	0.00399	0.00101	mg/Kg	-	06/07/22 16:09	06/10/22 13:56	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg	-	06/07/22 16:09	06/10/22 13:56	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg	-	06/07/22 16:09	06/10/22 13:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	06/07/22 16:09	06/10/22 13:56	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-85

Lab Sample ID: 890-2376-85

Date Collected: 06/04/22 13:02

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 6 - 7

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	96		70 - 130	06/07/22 16:09	06/10/22 13:56	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	19.6	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U *	50.0	15.0	mg/Kg		06/07/22 09:28	06/08/22 00:15	1
Diesel Range Organics (Over C10-C28)	19.6	J	50.0	15.0	mg/Kg		06/07/22 09:28	06/08/22 00:15	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 09:28	06/08/22 00:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				06/07/22 09:28	06/08/22 00:15	1
o-Terphenyl	104		70 - 130				06/07/22 09:28	06/08/22 00:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.7		5.01	0.860	mg/Kg			06/16/22 21:15	1

Client Sample ID: B-86

Lab Sample ID: 890-2376-86

Date Collected: 06/04/22 13:04

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 6 - 7

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		06/07/22 16:09	06/10/22 14:22	1
Toluene	<0.000454	U	0.00199	0.000454	mg/Kg		06/07/22 16:09	06/10/22 14:22	1
Ethylbenzene	<0.000563	U	0.00199	0.000563	mg/Kg		06/07/22 16:09	06/10/22 14:22	1
m,p-Xylenes	<0.00101	U	0.00398	0.00101	mg/Kg		06/07/22 16:09	06/10/22 14:22	1
o-Xylene	<0.000343	U	0.00199	0.000343	mg/Kg		06/07/22 16:09	06/10/22 14:22	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg		06/07/22 16:09	06/10/22 14:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	06/07/22 16:09	06/10/22 14:22	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/07/22 16:09	06/10/22 14:22	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	23.9	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-86

Lab Sample ID: 890-2376-86

Date Collected: 06/04/22 13:04

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 6 - 7

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U *	50.0	15.0	mg/Kg	-	06/07/22 09:28	06/08/22 00:36	1
Diesel Range Organics (Over C10-C28)	23.9	J	50.0	15.0	mg/Kg	-	06/07/22 09:28	06/08/22 00:36	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 09:28	06/08/22 00:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				06/07/22 09:28	06/08/22 00:36	1
o-Terphenyl	93		70 - 130				06/07/22 09:28	06/08/22 00:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.4		4.97	0.853	mg/Kg	-		06/16/22 21:23	1

Client Sample ID: B-87

Lab Sample ID: 890-2376-87

Date Collected: 06/04/22 13:05

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 6 - 7

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg	-	06/07/22 16:09	06/10/22 14:48	1
Toluene	<0.000453	U	0.00199	0.000453	mg/Kg	-	06/07/22 16:09	06/10/22 14:48	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg	-	06/07/22 16:09	06/10/22 14:48	1
m,p-Xylenes	<0.00100	U	0.00398	0.00100	mg/Kg	-	06/07/22 16:09	06/10/22 14:48	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg	-	06/07/22 16:09	06/10/22 14:48	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg	-	06/07/22 16:09	06/10/22 14:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				06/07/22 16:09	06/10/22 14:48	1
1,4-Difluorobenzene (Surr)	93		70 - 130				06/07/22 16:09	06/10/22 14:48	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	41.9	J	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	20.7	J *	49.9	15.0	mg/Kg	-	06/07/22 09:28	06/08/22 00:56	1
Diesel Range Organics (Over C10-C28)	21.2	J	49.9	15.0	mg/Kg	-	06/07/22 09:28	06/08/22 00:56	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 09:28	06/08/22 00:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				06/07/22 09:28	06/08/22 00:56	1
o-Terphenyl	96		70 - 130				06/07/22 09:28	06/08/22 00:56	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-87

Date Collected: 06/04/22 13:05

Date Received: 06/06/22 08:05

Sample Depth: 6 - 7

Lab Sample ID: 890-2376-87

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.6		4.99	0.857	mg/Kg			06/16/22 21:47	1

Client Sample ID: B-88

Date Collected: 06/04/22 13:08

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-88

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		06/07/22 16:09	06/10/22 15:14	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		06/07/22 16:09	06/10/22 15:14	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		06/07/22 16:09	06/10/22 15:14	1
m,p-Xylenes	<0.00101	U	0.00400	0.00101	mg/Kg		06/07/22 16:09	06/10/22 15:14	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		06/07/22 16:09	06/10/22 15:14	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		06/07/22 16:09	06/10/22 15:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				06/07/22 16:09	06/10/22 15:14	1
1,4-Difluorobenzene (Surr)	94		70 - 130				06/07/22 16:09	06/10/22 15:14	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	41.7	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	19.5	J *	50.0	15.0	mg/Kg		06/07/22 09:28	06/08/22 01:17	1
Diesel Range Organics (Over C10-C28)	22.2	J	50.0	15.0	mg/Kg		06/07/22 09:28	06/08/22 01:17	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 09:28	06/08/22 01:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				06/07/22 09:28	06/08/22 01:17	1
o-Terphenyl	90		70 - 130				06/07/22 09:28	06/08/22 01:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.0		4.95	0.850	mg/Kg			06/16/22 21:54	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-89

Lab Sample ID: 890-2376-89

Date Collected: 06/04/22 13:10

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000386	U	0.00200	0.000386	mg/Kg	-	06/07/22 16:09	06/10/22 15:40	1
Toluene	<0.000457	U	0.00200	0.000457	mg/Kg	-	06/07/22 16:09	06/10/22 15:40	1
Ethylbenzene	<0.000566	U	0.00200	0.000566	mg/Kg	-	06/07/22 16:09	06/10/22 15:40	1
m,p-Xylenes	<0.00101	U	0.00401	0.00101	mg/Kg	-	06/07/22 16:09	06/10/22 15:40	1
o-Xylene	<0.000345	U	0.00200	0.000345	mg/Kg	-	06/07/22 16:09	06/10/22 15:40	1
Xylenes, Total	<0.00101	U	0.00401	0.00101	mg/Kg	-	06/07/22 16:09	06/10/22 15:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	06/07/22 16:09	06/10/22 15:40	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/07/22 16:09	06/10/22 15:40	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	42.4	J	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	22.2	J *	50.0	15.0	mg/Kg	-	06/07/22 09:28	06/08/22 01:38	1
Diesel Range Organics (Over C10-C28)	20.2	J	50.0	15.0	mg/Kg	-	06/07/22 09:28	06/08/22 01:38	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 09:28	06/08/22 01:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	06/07/22 09:28	06/08/22 01:38	1
o-Terphenyl	92		70 - 130	06/07/22 09:28	06/08/22 01:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.3		4.99	0.857	mg/Kg	-		06/16/22 22:02	1

Client Sample ID: B-90

Lab Sample ID: 890-2376-90

Date Collected: 06/04/22 13:12

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg	-	06/07/22 16:09	06/10/22 16:06	1
Toluene	<0.000458	U	0.00201	0.000458	mg/Kg	-	06/07/22 16:09	06/10/22 16:06	1
Ethylbenzene	<0.000567	U	0.00201	0.000567	mg/Kg	-	06/07/22 16:09	06/10/22 16:06	1
m,p-Xylenes	<0.00101	U	0.00402	0.00101	mg/Kg	-	06/07/22 16:09	06/10/22 16:06	1
o-Xylene	0.000490	J	0.00201	0.000345	mg/Kg	-	06/07/22 16:09	06/10/22 16:06	1
Xylenes, Total	<0.00101	U	0.00402	0.00101	mg/Kg	-	06/07/22 16:09	06/10/22 16:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	06/07/22 16:09	06/10/22 16:06	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-90

Lab Sample ID: 890-2376-90

Date Collected: 06/04/22 13:12

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	96		70 - 130	06/07/22 16:09	06/10/22 16:06	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	27.5	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U *	50.0	15.0	mg/Kg		06/07/22 09:28	06/08/22 01:58	1
Diesel Range Organics (Over C10-C28)	27.5	J	50.0	15.0	mg/Kg		06/07/22 09:28	06/08/22 01:58	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 09:28	06/08/22 01:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				06/07/22 09:28	06/08/22 01:58	1
o-Terphenyl	89		70 - 130				06/07/22 09:28	06/08/22 01:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.6		5.02	0.862	mg/Kg			06/16/22 22:10	1

Client Sample ID: B-91

Lab Sample ID: 890-2376-91

Date Collected: 06/04/22 13:14

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000401	J	0.00200	0.000384	mg/Kg		06/13/22 16:50	06/13/22 23:00	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg		06/13/22 16:50	06/13/22 23:00	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg		06/13/22 16:50	06/13/22 23:00	1
m,p-Xylenes	<0.00101	U	0.00399	0.00101	mg/Kg		06/13/22 16:50	06/13/22 23:00	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg		06/13/22 16:50	06/13/22 23:00	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		06/13/22 16:50	06/13/22 23:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	06/13/22 16:50	06/13/22 23:00	1
1,4-Difluorobenzene (Surr)	105		70 - 130	06/13/22 16:50	06/13/22 23:00	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	39.1	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-91

Lab Sample ID: 890-2376-91

Date Collected: 06/04/22 13:14

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	15.9	J *	50.0	15.0	mg/Kg	-	06/07/22 09:28	06/08/22 02:40	1
Diesel Range Organics (Over C10-C28)	23.2	J	50.0	15.0	mg/Kg	-	06/07/22 09:28	06/08/22 02:40	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 09:28	06/08/22 02:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				06/07/22 09:28	06/08/22 02:40	1
o-Terphenyl	90		70 - 130				06/07/22 09:28	06/08/22 02:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.2		5.04	0.865	mg/Kg	-		06/16/22 22:18	1

Client Sample ID: B-92

Lab Sample ID: 890-2376-92

Date Collected: 06/04/22 13:15

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg	-	06/07/22 16:09	06/10/22 18:33	1
Toluene	<0.000453	U	0.00199	0.000453	mg/Kg	-	06/07/22 16:09	06/10/22 18:33	1
Ethylbenzene	0.00227		0.00199	0.000562	mg/Kg	-	06/07/22 16:09	06/10/22 18:33	1
m,p-Xylenes	<0.00100	U	0.00398	0.00100	mg/Kg	-	06/07/22 16:09	06/10/22 18:33	1
o-Xylene	0.0191		0.00199	0.000342	mg/Kg	-	06/07/22 16:09	06/10/22 18:33	1
Xylenes, Total	0.0191		0.00398	0.00100	mg/Kg	-	06/07/22 16:09	06/10/22 18:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				06/07/22 16:09	06/10/22 18:33	1
1,4-Difluorobenzene (Surr)	71		70 - 130				06/07/22 16:09	06/10/22 18:33	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0214		0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	40.2	J	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	18.9	J *	50.0	15.0	mg/Kg	-	06/07/22 09:28	06/08/22 03:00	1
Diesel Range Organics (Over C10-C28)	21.3	J	50.0	15.0	mg/Kg	-	06/07/22 09:28	06/08/22 03:00	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 09:28	06/08/22 03:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				06/07/22 09:28	06/08/22 03:00	1
o-Terphenyl	89		70 - 130				06/07/22 09:28	06/08/22 03:00	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-92

Date Collected: 06/04/22 13:15

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-92

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	82.1		4.98	0.855	mg/Kg			06/16/22 22:26	1

Client Sample ID: B-93

Date Collected: 06/04/22 13:17

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-93

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		06/07/22 16:09	06/10/22 18:59	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg		06/07/22 16:09	06/10/22 18:59	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg		06/07/22 16:09	06/10/22 18:59	1
m,p-Xylenes	<0.00101	U	0.00399	0.00101	mg/Kg		06/07/22 16:09	06/10/22 18:59	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg		06/07/22 16:09	06/10/22 18:59	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		06/07/22 16:09	06/10/22 18:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				06/07/22 16:09	06/10/22 18:59	1
1,4-Difluorobenzene (Surr)	87		70 - 130				06/07/22 16:09	06/10/22 18:59	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	52.3		50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	32.6	J *	49.9	15.0	mg/Kg		06/07/22 09:28	06/08/22 03:21	1
Diesel Range Organics (Over C10-C28)	19.7	J	49.9	15.0	mg/Kg		06/07/22 09:28	06/08/22 03:21	1
OII Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		06/07/22 09:28	06/08/22 03:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				06/07/22 09:28	06/08/22 03:21	1
o-Terphenyl	90		70 - 130				06/07/22 09:28	06/08/22 03:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.9		5.00	0.858	mg/Kg			06/16/22 22:49	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-94

Lab Sample ID: 890-2376-94

Date Collected: 06/04/22 13:18

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg	-	06/07/22 16:09	06/10/22 19:25	1
Toluene	<0.000453	U	0.00199	0.000453	mg/Kg	-	06/07/22 16:09	06/10/22 19:25	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg	-	06/07/22 16:09	06/10/22 19:25	1
m,p-Xylenes	<0.00100	U	0.00398	0.00100	mg/Kg	-	06/07/22 16:09	06/10/22 19:25	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg	-	06/07/22 16:09	06/10/22 19:25	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg	-	06/07/22 16:09	06/10/22 19:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	06/07/22 16:09	06/10/22 19:25	1
1,4-Difluorobenzene (Surr)	92		70 - 130	06/07/22 16:09	06/10/22 19:25	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	48.7	J	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	23.9	J *	50.0	15.0	mg/Kg	-	06/07/22 09:28	06/08/22 03:41	1
Diesel Range Organics (Over C10-C28)	24.8	J	50.0	15.0	mg/Kg	-	06/07/22 09:28	06/08/22 03:41	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 09:28	06/08/22 03:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130	06/07/22 09:28	06/08/22 03:41	1
o-Terphenyl	91		70 - 130	06/07/22 09:28	06/08/22 03:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.9		5.03	0.863	mg/Kg	-		06/16/22 22:57	1

Client Sample ID: B-95

Lab Sample ID: 890-2376-95

Date Collected: 06/04/22 13:20

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 6 - 7

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000386	U	0.00200	0.000386	mg/Kg	-	06/07/22 16:09	06/10/22 19:51	1
Toluene	<0.000457	U	0.00200	0.000457	mg/Kg	-	06/07/22 16:09	06/10/22 19:51	1
Ethylbenzene	<0.000566	U	0.00200	0.000566	mg/Kg	-	06/07/22 16:09	06/10/22 19:51	1
m,p-Xylenes	<0.00101	U	0.00401	0.00101	mg/Kg	-	06/07/22 16:09	06/10/22 19:51	1
o-Xylene	<0.000345	U	0.00200	0.000345	mg/Kg	-	06/07/22 16:09	06/10/22 19:51	1
Xylenes, Total	<0.00101	U	0.00401	0.00101	mg/Kg	-	06/07/22 16:09	06/10/22 19:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	06/07/22 16:09	06/10/22 19:51	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-95

Date Collected: 06/04/22 13:20

Date Received: 06/06/22 08:05

Sample Depth: 6 - 7

Lab Sample ID: 890-2376-95

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	06/07/22 16:09	06/10/22 19:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	23.7	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U *	50.0	15.0	mg/Kg	-	06/07/22 09:28	06/08/22 04:01	1
Diesel Range Organics (Over C10-C28)	23.7	J	50.0	15.0	mg/Kg		06/07/22 09:28	06/08/22 04:01	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 09:28	06/08/22 04:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				06/07/22 09:28	06/08/22 04:01	1
o-Terphenyl	89		70 - 130				06/07/22 09:28	06/08/22 04:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.8		5.00	0.858	mg/Kg			06/16/22 23:21	1

Client Sample ID: B-96

Date Collected: 06/04/22 13:22

Date Received: 06/06/22 08:05

Sample Depth: 6 - 7

Lab Sample ID: 890-2376-96

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg		06/07/22 16:09	06/10/22 20:17	1
Toluene	<0.000459	U	0.00201	0.000459	mg/Kg		06/07/22 16:09	06/10/22 20:17	1
Ethylbenzene	<0.000568	U	0.00201	0.000568	mg/Kg		06/07/22 16:09	06/10/22 20:17	1
m,p-Xylenes	<0.00102	U	0.00402	0.00102	mg/Kg		06/07/22 16:09	06/10/22 20:17	1
o-Xylene	<0.000346	U	0.00201	0.000346	mg/Kg		06/07/22 16:09	06/10/22 20:17	1
Xylenes, Total	<0.00102	U	0.00402	0.00102	mg/Kg		06/07/22 16:09	06/10/22 20:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	06/07/22 16:09	06/10/22 20:17	1
1,4-Difluorobenzene (Surr)	91		70 - 130	06/07/22 16:09	06/10/22 20:17	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	37.9	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-96

Lab Sample ID: 890-2376-96

Date Collected: 06/04/22 13:22

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 6 - 7

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	15.6	J *	49.9	15.0	mg/Kg	-	06/07/22 09:28	06/08/22 04:22	1
Diesel Range Organics (Over C10-C28)	22.3	J	49.9	15.0	mg/Kg	-	06/07/22 09:28	06/08/22 04:22	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 09:28	06/08/22 04:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				06/07/22 09:28	06/08/22 04:22	1
o-Terphenyl	87		70 - 130				06/07/22 09:28	06/08/22 04:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.7		4.95	0.850	mg/Kg	-		06/16/22 23:29	1

Client Sample ID: B-97

Lab Sample ID: 890-2376-97

Date Collected: 06/04/22 13:24

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 6 - 7

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg	-	06/07/22 16:09	06/10/22 20:43	1
Toluene	<0.000454	U	0.00199	0.000454	mg/Kg	-	06/07/22 16:09	06/10/22 20:43	1
Ethylbenzene	<0.000563	U	0.00199	0.000563	mg/Kg	-	06/07/22 16:09	06/10/22 20:43	1
m,p-Xylenes	<0.00101	U	0.00398	0.00101	mg/Kg	-	06/07/22 16:09	06/10/22 20:43	1
o-Xylene	<0.000343	U	0.00199	0.000343	mg/Kg	-	06/07/22 16:09	06/10/22 20:43	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg	-	06/07/22 16:09	06/10/22 20:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130				06/07/22 16:09	06/10/22 20:43	1
1,4-Difluorobenzene (Surr)	103		70 - 130				06/07/22 16:09	06/10/22 20:43	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	19.1	J	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U *	49.9	15.0	mg/Kg	-	06/07/22 09:28	06/08/22 04:42	1
Diesel Range Organics (Over C10-C28)	19.1	J	49.9	15.0	mg/Kg	-	06/07/22 09:28	06/08/22 04:42	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 09:28	06/08/22 04:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				06/07/22 09:28	06/08/22 04:42	1
o-Terphenyl	90		70 - 130				06/07/22 09:28	06/08/22 04:42	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-97

Date Collected: 06/04/22 13:24

Date Received: 06/06/22 08:05

Sample Depth: 6 - 7

Lab Sample ID: 890-2376-97

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.1		5.01	0.860	mg/Kg			06/16/22 23:37	1

Client Sample ID: B-98

Date Collected: 06/04/22 13:26

Date Received: 06/06/22 08:05

Sample Depth: 6 - 7

Lab Sample ID: 890-2376-98

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		06/07/22 16:09	06/10/22 21:09	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg		06/07/22 16:09	06/10/22 21:09	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg		06/07/22 16:09	06/10/22 21:09	1
m,p-Xylenes	<0.00101	U	0.00399	0.00101	mg/Kg		06/07/22 16:09	06/10/22 21:09	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg		06/07/22 16:09	06/10/22 21:09	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		06/07/22 16:09	06/10/22 21:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				06/07/22 16:09	06/10/22 21:09	1
1,4-Difluorobenzene (Surr)	92		70 - 130				06/07/22 16:09	06/10/22 21:09	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	28.2	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.9	U *	49.8	14.9	mg/Kg		06/07/22 09:28	06/08/22 05:03	1
Diesel Range Organics (Over C10-C28)	28.2	J	49.8	14.9	mg/Kg		06/07/22 09:28	06/08/22 05:03	1
Oil Range Organics (Over C28-C36)	<14.9	U	49.8	14.9	mg/Kg		06/07/22 09:28	06/08/22 05:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				06/07/22 09:28	06/08/22 05:03	1
o-Terphenyl	88		70 - 130				06/07/22 09:28	06/08/22 05:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.5		4.98	0.855	mg/Kg			06/16/22 23:44	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-99

Lab Sample ID: 890-2376-99

Date Collected: 06/04/22 13:28

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg	-	06/07/22 16:09	06/10/22 21:35	1
Toluene	<0.000453	U	0.00199	0.000453	mg/Kg	-	06/07/22 16:09	06/10/22 21:35	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg	-	06/07/22 16:09	06/10/22 21:35	1
m,p-Xylenes	<0.00100	U	0.00398	0.00100	mg/Kg	-	06/07/22 16:09	06/10/22 21:35	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg	-	06/07/22 16:09	06/10/22 21:35	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg	-	06/07/22 16:09	06/10/22 21:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	06/07/22 16:09	06/10/22 21:35	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/07/22 16:09	06/10/22 21:35	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	39.5	J	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	15.0	J *	50.0	15.0	mg/Kg	-	06/07/22 09:28	06/08/22 05:23	1
Diesel Range Organics (Over C10-C28)	24.5	J	50.0	15.0	mg/Kg	-	06/07/22 09:28	06/08/22 05:23	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 09:28	06/08/22 05:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	06/07/22 09:28	06/08/22 05:23	1
o-Terphenyl	87		70 - 130	06/07/22 09:28	06/08/22 05:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.0		4.99	0.857	mg/Kg	-		06/16/22 23:52	1

Client Sample ID: B-100

Lab Sample ID: 890-2376-100

Date Collected: 06/04/22 13:30

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg	-	06/07/22 16:09	06/10/22 22:01	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg	-	06/07/22 16:09	06/10/22 22:01	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg	-	06/07/22 16:09	06/10/22 22:01	1
m,p-Xylenes	<0.00101	U	0.00400	0.00101	mg/Kg	-	06/07/22 16:09	06/10/22 22:01	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg	-	06/07/22 16:09	06/10/22 22:01	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg	-	06/07/22 16:09	06/10/22 22:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	06/07/22 16:09	06/10/22 22:01	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-100

Lab Sample ID: 890-2376-100

Date Collected: 06/04/22 13:30

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	91		70 - 130	06/07/22 16:09	06/10/22 22:01	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	45.5	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	20.8	J *	50.0	15.0	mg/Kg		06/07/22 09:28	06/08/22 05:44	1
Diesel Range Organics (Over C10-C28)	24.7	J	50.0	15.0	mg/Kg		06/07/22 09:28	06/08/22 05:44	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 09:28	06/08/22 05:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				06/07/22 09:28	06/08/22 05:44	1
o-Terphenyl	86		70 - 130				06/07/22 09:28	06/08/22 05:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	150		4.97	0.853	mg/Kg			06/17/22 00:00	1

Client Sample ID: B-101

Lab Sample ID: 890-2376-101

Date Collected: 06/04/22 13:32

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000574	J	0.00199	0.000383	mg/Kg		06/08/22 10:09	06/08/22 12:10	1
Toluene	0.000844	J	0.00199	0.000453	mg/Kg		06/08/22 10:09	06/08/22 12:10	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg		06/08/22 10:09	06/08/22 12:10	1
m,p-Xylenes	<0.00100	U *	0.00398	0.00100	mg/Kg		06/08/22 10:09	06/08/22 12:10	1
o-Xylene	0.00131	J	0.00199	0.000342	mg/Kg		06/08/22 10:09	06/08/22 12:10	1
Xylenes, Total	0.00131	J	0.00398	0.00100	mg/Kg		06/08/22 10:09	06/08/22 12:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	06/08/22 10:09	06/08/22 12:10	1
1,4-Difluorobenzene (Surr)	88		70 - 130	06/08/22 10:09	06/08/22 12:10	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00273	J	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	60.3		50.0	15.0	mg/Kg			06/08/22 10:33	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-101

Date Collected: 06/04/22 13:32

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-101

Matrix: Solid

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U F1	49.9	15.0	mg/Kg	-	06/07/22 08:15	06/07/22 12:09	1
Diesel Range Organics (Over C10-C28)	60.3		49.9	15.0	mg/Kg		06/07/22 08:15	06/07/22 12:09	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		06/07/22 08:15	06/07/22 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130				06/07/22 08:15	06/07/22 12:09	1
o-Terphenyl	79		70 - 130				06/07/22 08:15	06/07/22 12:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.1		4.95	0.850	mg/Kg	-		06/17/22 00:08	1

Client Sample ID: B-102

Date Collected: 06/04/22 13:36

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-102

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg	-	06/08/22 10:09	06/08/22 12:31	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg	-	06/08/22 10:09	06/08/22 12:31	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg	-	06/08/22 10:09	06/08/22 12:31	1
m,p-Xylenes	<0.00101	U *	0.00399	0.00101	mg/Kg	-	06/08/22 10:09	06/08/22 12:31	1
o-Xylene	0.00107	J	0.00200	0.000343	mg/Kg	-	06/08/22 10:09	06/08/22 12:31	1
Xylenes, Total	0.00107	J	0.00399	0.00101	mg/Kg	-	06/08/22 10:09	06/08/22 12:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				06/08/22 10:09	06/08/22 12:31	1
1,4-Difluorobenzene (Surr)	103		70 - 130				06/08/22 10:09	06/08/22 12:31	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00107	J	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	37.5	J	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg	-	06/07/22 08:15	06/07/22 13:17	1
Diesel Range Organics (Over C10-C28)	37.5	J	50.0	15.0	mg/Kg		06/07/22 08:15	06/07/22 13:17	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:15	06/07/22 13:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				06/07/22 08:15	06/07/22 13:17	1
o-Terphenyl	94		70 - 130				06/07/22 08:15	06/07/22 13:17	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-102

Date Collected: 06/04/22 13:36

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-102

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91.4		5.01	0.860	mg/Kg			06/10/22 17:59	1

Client Sample ID: B-103

Date Collected: 06/04/22 13:38

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Lab Sample ID: 890-2376-103

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		06/08/22 10:09	06/08/22 12:52	1
Toluene	<0.000453	U	0.00199	0.000453	mg/Kg		06/08/22 10:09	06/08/22 12:52	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg		06/08/22 10:09	06/08/22 12:52	1
m,p-Xylenes	<0.00100	U *	0.00398	0.00100	mg/Kg		06/08/22 10:09	06/08/22 12:52	1
o-Xylene	0.00114	J	0.00199	0.000342	mg/Kg		06/08/22 10:09	06/08/22 12:52	1
Xylenes, Total	0.00114	J	0.00398	0.00100	mg/Kg		06/08/22 10:09	06/08/22 12:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				06/08/22 10:09	06/08/22 12:52	1
1,4-Difluorobenzene (Surr)	100		70 - 130				06/08/22 10:09	06/08/22 12:52	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00114	J	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	24.2	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:15	06/07/22 13:40	1
Diesel Range Organics (Over C10-C28)	24.2	J	50.0	15.0	mg/Kg		06/07/22 08:15	06/07/22 13:40	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:15	06/07/22 13:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				06/07/22 08:15	06/07/22 13:40	1
o-Terphenyl	88		70 - 130				06/07/22 08:15	06/07/22 13:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	77.4		4.97	0.853	mg/Kg			06/10/22 18:07	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-104

Lab Sample ID: 890-2376-104

Date Collected: 06/04/22 13:40

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		06/08/22 10:09	06/08/22 13:12	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		06/08/22 10:09	06/08/22 13:12	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		06/08/22 10:09	06/08/22 13:12	1
m,p-Xylenes	<0.00101	U *	0.00400	0.00101	mg/Kg		06/08/22 10:09	06/08/22 13:12	1
o-Xylene	0.00104	J	0.00200	0.000344	mg/Kg		06/08/22 10:09	06/08/22 13:12	1
Xylenes, Total	0.00104	J	0.00400	0.00101	mg/Kg		06/08/22 10:09	06/08/22 13:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	06/08/22 10:09	06/08/22 13:12	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/08/22 10:09	06/08/22 13:12	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00104	J	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	33.2	J	50.0	15.0	mg/Kg			06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	49.9	15.0	mg/Kg		06/07/22 08:15	06/07/22 14:04	1
Diesel Range Organics (Over C10-C28)	33.2	J	49.9	15.0	mg/Kg		06/07/22 08:15	06/07/22 14:04	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		06/07/22 08:15	06/07/22 14:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130	06/07/22 08:15	06/07/22 14:04	1
o-Terphenyl	88		70 - 130	06/07/22 08:15	06/07/22 14:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	111		5.02	0.862	mg/Kg			06/10/22 18:15	1

Client Sample ID: B-105

Lab Sample ID: 890-2376-105

Date Collected: 06/04/22 13:43

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000386	U	0.00200	0.000386	mg/Kg		06/08/22 10:09	06/08/22 13:33	1
Toluene	<0.000457	U	0.00200	0.000457	mg/Kg		06/08/22 10:09	06/08/22 13:33	1
Ethylbenzene	<0.000566	U	0.00200	0.000566	mg/Kg		06/08/22 10:09	06/08/22 13:33	1
m,p-Xylenes	<0.00101	U *	0.00401	0.00101	mg/Kg		06/08/22 10:09	06/08/22 13:33	1
o-Xylene	0.00112	J	0.00200	0.000345	mg/Kg		06/08/22 10:09	06/08/22 13:33	1
Xylenes, Total	0.00112	J	0.00401	0.00101	mg/Kg		06/08/22 10:09	06/08/22 13:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	06/08/22 10:09	06/08/22 13:33	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-105

Lab Sample ID: 890-2376-105

Date Collected: 06/04/22 13:43

Matrix: Solid

Date Received: 06/06/22 08:05

Sample Depth: 7 - 8

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	95		70 - 130	06/08/22 10:09	06/08/22 13:33	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00112	J	0.00400	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	16.1	J	50.0	15.0	mg/Kg	-		06/08/22 10:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 08:15	06/07/22 14:27	1
Diesel Range Organics (Over C10-C28)	16.1	J	49.9	15.0	mg/Kg	-	06/07/22 08:15	06/07/22 14:27	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg	-	06/07/22 08:15	06/07/22 14:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				06/07/22 08:15	06/07/22 14:27	1
o-Terphenyl	99		70 - 130				06/07/22 08:15	06/07/22 14:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.3		4.99	0.857	mg/Kg	-		06/10/22 18:23	1

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Surrogate Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
890-2376-1	B-1	108	101
890-2376-1 MS	B-1	109	101
890-2376-1 MSD	B-1	102	102
890-2376-2	B-2	108	102
890-2376-3	B-3	111	101
890-2376-4	B-4	105	102
890-2376-5	B-5	114	104
890-2376-6	B-6	109	98
890-2376-7	B-7	109	102
890-2376-8	B-8	115	101
890-2376-9	B-9	105	94
890-2376-10	B-10	104	98
890-2376-11	B-11	112	101
890-2376-12	B-12	106	100
890-2376-13	B-13	111	102
890-2376-14	B-14	107	100
890-2376-15	B-15	110	103
890-2376-16	B-16	110	96
890-2376-17	B-17	112	93
890-2376-18	B-18	109	99
890-2376-19	B-19	109	99
890-2376-20	B-20	113	100
890-2376-21	B-21	108	98
890-2376-21 MS	B-21	107	98
890-2376-21 MSD	B-21	105	97
890-2376-22	B-22	108	93
890-2376-23	B-23	115	100
890-2376-24	B-24	110	99
890-2376-25	B-25	112	100
890-2376-26	B-26	116	101
890-2376-27	B-27	117	101
890-2376-28	B-28	114	99
890-2376-29	B-29	113	98
890-2376-30	B-30	114	98
890-2376-31	B-31	113	100
890-2376-32	B-32	112	99
890-2376-33	B-33	107	98
890-2376-34	B-34	114	99
890-2376-35	B-35	114	99
890-2376-36	B-36	117	101
890-2376-37	B-37	113	98
890-2376-38	B-38	108	95
890-2376-39	B-39	115	100
890-2376-40	B-40	117	98
890-2376-41	B-41	99	102
890-2376-41 MS	B-41	103	93
890-2376-41 MSD	B-41	115	95
890-2376-42	B-42	98	104
890-2376-43	B-43	101	108

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Surrogate Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
890-2376-44	B-44	110	98
890-2376-45	B-45	103	104
890-2376-46	B-46	104	103
890-2376-47	B-47	112	98
890-2376-48	B-48	98	45 S1-
890-2376-49	B-49	112	94
890-2376-50	B-50	94	104
890-2376-51	B-51	106	99
890-2376-52	B-52	106	98
890-2376-53	B-53	106	97
890-2376-54	B-54	107	95
890-2376-55	B-55	110	96
890-2376-56	B-56	111	91
890-2376-56 MS	B-56	96	84
890-2376-56 MSD	B-56	120	90
890-2376-57	B-57	91	100
890-2376-58	B-58	93	99
890-2376-59	B-59	102	98
890-2376-60	B-60	101	96
890-2376-61	B-61	104	96
890-2376-61 MS	B-61	102	100
890-2376-61 MSD	B-61	100	91
890-2376-62	B-62	106	95
890-2376-63	B-63	107	96
890-2376-64	B-64	108	97
890-2376-65	B-65	107	96
890-2376-66	B-66	104	94
890-2376-67	B-67	106	97
890-2376-68	B-68	104	94
890-2376-69	B-69	104	94
890-2376-70	B-70	106	96
890-2376-71	B-71	104	93
890-2376-72	B-72	108	93
890-2376-73	B-73	106	92
890-2376-74	B-74	108	91
890-2376-75	B-75	105	93
890-2376-76	B-76	105	92
890-2376-77	B-77	106	92
890-2376-78	B-78	109	92
890-2376-79	B-79	107	93
890-2376-80	B-80	109	94
890-2376-81	B-81	111	90
890-2376-81 MS	B-81	109	99
890-2376-81 MSD	B-81	105	100
890-2376-82	B-82	109	93
890-2376-83	B-83	122	92
890-2376-84	B-84	113	89
890-2376-85	B-85	117	96
890-2376-86	B-86	115	101
890-2376-87	B-87	112	93

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Surrogate Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-2376-88	B-88	112	94
890-2376-89	B-89	122	94
890-2376-90	B-90	120	96
890-2376-91	B-91	100	105
890-2376-92	B-92	87	71
890-2376-93	B-93	107	87
890-2376-94	B-94	114	92
890-2376-95	B-95	121	103
890-2376-96	B-96	117	91
890-2376-97	B-97	127	103
890-2376-98	B-98	115	92
890-2376-99	B-99	123	94
890-2376-100	B-100	121	91
890-2376-101	B-101	103	88
890-2376-101 MS	B-101	90	83
890-2376-101 MSD	B-101	123	96
890-2376-102	B-102	100	103
890-2376-103	B-103	106	100
890-2376-104	B-104	121	93
890-2376-105	B-105	103	95
LCS 880-27023/1-A	Lab Control Sample	102	100
LCS 880-27025/1-A	Lab Control Sample	112	95
LCS 880-27028/1-A	Lab Control Sample	104	94
LCS 880-27030/1-A	Lab Control Sample	103	102
LCS 880-27033/1-A	Lab Control Sample	107	104
LCS 880-27074/1-A	Lab Control Sample	104	100
LCS 880-27174/1-A	Lab Control Sample	119	104
LCS 880-27259/1-A	Lab Control Sample	103	91
LCS 880-27306/1-A	Lab Control Sample	118	97
LCSD 880-27023/2-A	Lab Control Sample Dup	107	99
LCSD 880-27025/2-A	Lab Control Sample Dup	111	91
LCSD 880-27028/2-A	Lab Control Sample Dup	109	94
LCSD 880-27030/2-A	Lab Control Sample Dup	105	102
LCSD 880-27033/2-A	Lab Control Sample Dup	111	98
LCSD 880-27074/2-A	Lab Control Sample Dup	126	99
LCSD 880-27174/2-A	Lab Control Sample Dup	107	104
LCSD 880-27259/2-A	Lab Control Sample Dup	92	106
LCSD 880-27306/2-A	Lab Control Sample Dup	101	100
MB 880-27023/5-A	Method Blank	99	97
MB 880-27025/5-A	Method Blank	98	96
MB 880-27028/5-A	Method Blank	101	97
MB 880-27030/5-A	Method Blank	100	90
MB 880-27033/5-A	Method Blank	84	94
MB 880-27074/5-A	Method Blank	101	101
MB 880-27164/5-A	Method Blank	100	91
MB 880-27174/5-B	Method Blank	97	89
MB 880-27259/5-A	Method Blank	98	99
MB 880-27306/5-A	Method Blank	91	102

Surrogate Legend

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Surrogate Summary

Client: Ranger Environmental Services, Inc

Job ID: 890-2376-1

Project/Site: Lakewood 28 Fed Com

SDG: 5198

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)
Matrix: Solid
Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-2376-1	B-1	119	117
890-2376-1 MS	B-1	96	87
890-2376-1 MSD	B-1	99	89
890-2376-2	B-2	114	119
890-2376-3	B-3	109	111
890-2376-4	B-4	106	106
890-2376-5	B-5	109	109
890-2376-6	B-6	105	106
890-2376-7	B-7	110	109
890-2376-8	B-8	104	104
890-2376-9	B-9	119	121
890-2376-10	B-10	104	105
890-2376-11	B-11	105	101
890-2376-12	B-12	98	99
890-2376-13	B-13	107	109
890-2376-14	B-14	106	107
890-2376-15	B-15	104	102
890-2376-16	B-16	103	104
890-2376-17	B-17	102	101
890-2376-18	B-18	111	110
890-2376-19	B-19	110	115
890-2376-20	B-20	106	106
890-2376-21	B-21	101	116
890-2376-21 MS	B-21	95	98
890-2376-21 MSD	B-21	95	98
890-2376-22	B-22	99	109
890-2376-23	B-23	99	114
890-2376-24	B-24	104	117
890-2376-25	B-25	104	119
890-2376-26	B-26	103	117
890-2376-27	B-27	112	125
890-2376-28	B-28	102	116
890-2376-29	B-29	99	113
890-2376-30	B-30	95	110
890-2376-31	B-31	102	115
890-2376-32	B-32	95	109
890-2376-33	B-33	100	111
890-2376-34	B-34	100	115
890-2376-35	B-35	96	110
890-2376-36	B-36	99	115
890-2376-37	B-37	96	112
890-2376-38	B-38	101	118
890-2376-39	B-39	114	127
890-2376-40	B-40	92	107
890-2376-41	B-41	104	111
890-2376-41 MS	B-41	105	100
890-2376-41 MSD	B-41	98	91

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Surrogate Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-2376-42	B-42	102	109
890-2376-43	B-43	102	109
890-2376-44	B-44	96	101
890-2376-45	B-45	103	112
890-2376-46	B-46	101	108
890-2376-47	B-47	96	101
890-2376-48	B-48	106	114
890-2376-49	B-49	110	118
890-2376-50	B-50	102	108
890-2376-51	B-51	110	117
890-2376-52	B-52	102	108
890-2376-53	B-53	95	102
890-2376-54	B-54	101	107
890-2376-55	B-55	101	106
890-2376-56	B-56	109	118
890-2376-57	B-57	113	122
890-2376-58	B-58	100	104
890-2376-59	B-59	96	102
890-2376-60	B-60	96	99
890-2376-61	B-61	82	86
890-2376-61 MS	B-61	85	78
890-2376-61 MSD	B-61	84	77
890-2376-62	B-62	83	89
890-2376-63	B-63	81	85
890-2376-64	B-64	81	85
890-2376-65	B-65	81	85
890-2376-66	B-66	81	86
890-2376-67	B-67	83	86
890-2376-68	B-68	81	83
890-2376-69	B-69	82	87
890-2376-70	B-70	81	87
890-2376-71	B-71	82	87
890-2376-72	B-72	83	88
890-2376-73	B-73	81	87
890-2376-74	B-74	79	84
890-2376-75	B-75	81	86
890-2376-76	B-76	81	84
890-2376-77	B-77	84	86
890-2376-78	B-78	81	83
890-2376-79	B-79	92	94
890-2376-80	B-80	84	87
890-2376-81	B-81	87	98
890-2376-81 MS	B-81	87	84
890-2376-81 MSD	B-81	87	84
890-2376-82	B-82	80	89
890-2376-83	B-83	81	93
890-2376-84	B-84	82	94
890-2376-85	B-85	96	104
890-2376-86	B-86	84	93
890-2376-87	B-87	86	96

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Surrogate Summary

Client: Ranger Environmental Services, Inc
 Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
 SDG: 5198

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-2376-88	B-88	82	90
890-2376-89	B-89	84	92
890-2376-90	B-90	81	89
890-2376-91	B-91	82	90
890-2376-92	B-92	81	89
890-2376-93	B-93	84	90
890-2376-94	B-94	82	91
890-2376-95	B-95	81	89
890-2376-96	B-96	81	87
890-2376-97	B-97	81	90
890-2376-98	B-98	81	88
890-2376-99	B-99	80	87
890-2376-100	B-100	78	86
890-2376-101	B-101	71	79
890-2376-101 MS	B-101	86	84
890-2376-101 MSD	B-101	84	80
890-2376-102	B-102	84	94
890-2376-103	B-103	79	88
890-2376-104	B-104	79	88
890-2376-105	B-105	88	99
LCS 880-26968/2-A	Lab Control Sample	85	86
LCS 880-26969/2-A	Lab Control Sample	108	114
LCS 880-26970/2-A	Lab Control Sample	128	144 S1+
LCS 880-26989/2-A	Lab Control Sample	129	128
LCS 880-26998/2-A	Lab Control Sample	80	75
LCS 880-26999/2-A	Lab Control Sample	74	74
LCSD 880-26968/3-A	Lab Control Sample Dup	75	74
LCSD 880-26969/3-A	Lab Control Sample Dup	122	121
LCSD 880-26970/3-A	Lab Control Sample Dup	124	138 S1+
LCSD 880-26989/3-A	Lab Control Sample Dup	149 S1+	149 S1+
LCSD 880-26998/3-A	Lab Control Sample Dup	81	76
LCSD 880-26999/3-A	Lab Control Sample Dup	75	72
MB 880-26968/1-A	Method Blank	72	86
MB 880-26969/1-A	Method Blank	131 S1+	135 S1+
MB 880-26970/1-A	Method Blank	129	159 S1+
MB 880-26989/1-A	Method Blank	100	109
MB 880-26998/1-A	Method Blank	79	84
MB 880-26999/1-A	Method Blank	76	83

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-27023/5-A

Matrix: Solid

Analysis Batch: 27093

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27023

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		06/07/22 15:47	06/08/22 16:43	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		06/07/22 15:47	06/08/22 16:43	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		06/07/22 15:47	06/08/22 16:43	1
m,p-Xylenes	<0.00101	U	0.00400	0.00101	mg/Kg		06/07/22 15:47	06/08/22 16:43	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		06/07/22 15:47	06/08/22 16:43	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		06/07/22 15:47	06/08/22 16:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	06/07/22 15:47	06/08/22 16:43	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/07/22 15:47	06/08/22 16:43	1

Lab Sample ID: LCS 880-27023/1-A

Matrix: Solid

Analysis Batch: 27093

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27023

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09554		mg/Kg		96	70 - 130
Toluene	0.100	0.09556		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.09212		mg/Kg		92	70 - 130
m,p-Xylenes	0.200	0.2065		mg/Kg		103	70 - 130
o-Xylene	0.100	0.1022		mg/Kg		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-27023/2-A

Matrix: Solid

Analysis Batch: 27093

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27023

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09473		mg/Kg		95	70 - 130	1	35
Toluene	0.100	0.1005		mg/Kg		100	70 - 130	5	35
Ethylbenzene	0.100	0.09646		mg/Kg		96	70 - 130	5	35
m,p-Xylenes	0.200	0.2179		mg/Kg		109	70 - 130	5	35
o-Xylene	0.100	0.1082		mg/Kg		108	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-2376-1 MS

Matrix: Solid

Analysis Batch: 27093

Client Sample ID: B-1

Prep Type: Total/NA

Prep Batch: 27023

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.000387	U	0.100	0.09451		mg/Kg		94	70 - 130
Toluene	<0.000458	U	0.100	0.09912		mg/Kg		99	70 - 130

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-2376-1 MS

Matrix: Solid

Analysis Batch: 27093

Client Sample ID: B-1

Prep Type: Total/NA

Prep Batch: 27023

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.000567	U	0.100	0.09233		mg/Kg		92	70 - 130
m,p-Xylenes	<0.00101	U	0.200	0.2121		mg/Kg		106	70 - 130
o-Xylene	<0.000345	U	0.100	0.1044		mg/Kg		104	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-2376-1 MSD

Matrix: Solid

Analysis Batch: 27093

Client Sample ID: B-1

Prep Type: Total/NA

Prep Batch: 27023

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.000387	U	0.0990	0.09352		mg/Kg		94	70 - 130	1	35
Toluene	<0.000458	U	0.0990	0.09292		mg/Kg		94	70 - 130	6	35
Ethylbenzene	<0.000567	U	0.0990	0.08588		mg/Kg		87	70 - 130	7	35
m,p-Xylenes	<0.00101	U	0.198	0.1962		mg/Kg		99	70 - 130	8	35
o-Xylene	<0.000345	U	0.0990	0.09666		mg/Kg		98	70 - 130	8	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: MB 880-27025/5-A

Matrix: Solid

Analysis Batch: 27093

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27025

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		06/07/22 15:53	06/09/22 04:20	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		06/07/22 15:53	06/09/22 04:20	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		06/07/22 15:53	06/09/22 04:20	1
m,p-Xylenes	<0.00101	U	0.00400	0.00101	mg/Kg		06/07/22 15:53	06/09/22 04:20	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		06/07/22 15:53	06/09/22 04:20	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		06/07/22 15:53	06/09/22 04:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	06/07/22 15:53	06/09/22 04:20	1
1,4-Difluorobenzene (Surr)	96		70 - 130	06/07/22 15:53	06/09/22 04:20	1

Lab Sample ID: LCS 880-27025/1-A

Matrix: Solid

Analysis Batch: 27093

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27025

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.05807	*-	mg/Kg		58	70 - 130
Toluene	0.100	0.06863	*-	mg/Kg		69	70 - 130
Ethylbenzene	0.100	0.06681	*-	mg/Kg		67	70 - 130
m,p-Xylenes	0.200	0.1534		mg/Kg		77	70 - 130

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-27025/1-A

Matrix: Solid

Analysis Batch: 27093

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27025

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.08053		mg/Kg		81	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-27025/2-A

Matrix: Solid

Analysis Batch: 27093

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27025

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.07044		mg/Kg		70	70 - 130	19	35
Toluene	0.100	0.08874		mg/Kg		89	70 - 130	26	35
Ethylbenzene	0.100	0.08614		mg/Kg		86	70 - 130	25	35
m,p-Xylenes	0.200	0.1974		mg/Kg		99	70 - 130	25	35
o-Xylene	0.100	0.1007		mg/Kg		101	70 - 130	22	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: 890-2376-21 MS

Matrix: Solid

Analysis Batch: 27093

Client Sample ID: B-21

Prep Type: Total/NA

Prep Batch: 27025

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.000385	U *	0.0994	0.08650		mg/Kg		87	70 - 130
Toluene	<0.000456	U *	0.0994	0.09073		mg/Kg		91	70 - 130
Ethylbenzene	<0.000565	U *	0.0994	0.08250		mg/Kg		83	70 - 130
m,p-Xylenes	<0.00101	U	0.199	0.1928		mg/Kg		97	70 - 130
o-Xylene	<0.000344	U	0.0994	0.09637		mg/Kg		97	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 890-2376-21 MSD

Matrix: Solid

Analysis Batch: 27093

Client Sample ID: B-21

Prep Type: Total/NA

Prep Batch: 27025

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.000385	U *	0.0998	0.08221		mg/Kg		82	70 - 130	5	35
Toluene	<0.000456	U *	0.0998	0.08871		mg/Kg		89	70 - 130	2	35
Ethylbenzene	<0.000565	U *	0.0998	0.08004		mg/Kg		80	70 - 130	3	35
m,p-Xylenes	<0.00101	U	0.200	0.1881		mg/Kg		94	70 - 130	2	35
o-Xylene	<0.000344	U	0.0998	0.09385		mg/Kg		94	70 - 130	3	35

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-2376-21 MSD

Matrix: Solid

Analysis Batch: 27093

Client Sample ID: B-21

Prep Type: Total/NA

Prep Batch: 27025

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: MB 880-27028/5-A

Matrix: Solid

Analysis Batch: 27130

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27028

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		06/07/22 15:57	06/09/22 13:26	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		06/07/22 15:57	06/09/22 13:26	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		06/07/22 15:57	06/09/22 13:26	1
m,p-Xylenes	<0.00101	U	0.00400	0.00101	mg/Kg		06/07/22 15:57	06/09/22 13:26	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		06/07/22 15:57	06/09/22 13:26	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		06/07/22 15:57	06/09/22 13:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	06/07/22 15:57	06/09/22 13:26	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/07/22 15:57	06/09/22 13:26	1

Lab Sample ID: LCS 880-27028/1-A

Matrix: Solid

Analysis Batch: 27130

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27028

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08555		mg/Kg		86	70 - 130
Toluene	0.100	0.09483		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.1068		mg/Kg		107	70 - 130
m,p-Xylenes	0.200	0.2150		mg/Kg		107	70 - 130
o-Xylene	0.100	0.09891		mg/Kg		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-27028/2-A

Matrix: Solid

Analysis Batch: 27130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27028

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.08119		mg/Kg		81	70 - 130	5	35
Toluene	0.100	0.09480		mg/Kg		95	70 - 130	0	35
Ethylbenzene	0.100	0.1106		mg/Kg		111	70 - 130	3	35
m,p-Xylenes	0.200	0.2261		mg/Kg		113	70 - 130	5	35
o-Xylene	0.100	0.1044		mg/Kg		104	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-27028/2-A

Matrix: Solid

Analysis Batch: 27130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27028

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 890-2376-41 MS

Matrix: Solid

Analysis Batch: 27130

Client Sample ID: B-41

Prep Type: Total/NA

Prep Batch: 27028

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.000573	J	0.100	0.08430		mg/Kg		83	70 - 130
Toluene	0.000469	J	0.100	0.08635		mg/Kg		86	70 - 130
Ethylbenzene	<0.000568	U	0.100	0.08662		mg/Kg		86	70 - 130
m,p-Xylenes	<0.00102	U	0.201	0.1800		mg/Kg		90	70 - 130
o-Xylene	0.00115	J	0.100	0.08537		mg/Kg		84	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 890-2376-41 MSD

Matrix: Solid

Analysis Batch: 27130

Client Sample ID: B-41

Prep Type: Total/NA

Prep Batch: 27028

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.000573	J	0.0996	0.08803		mg/Kg		88	70 - 130	4	35
Toluene	0.000469	J	0.0996	0.09383		mg/Kg		94	70 - 130	8	35
Ethylbenzene	<0.000568	U	0.0996	0.09714		mg/Kg		98	70 - 130	11	35
m,p-Xylenes	<0.00102	U	0.199	0.2066		mg/Kg		104	70 - 130	14	35
o-Xylene	0.00115	J	0.0996	0.09794		mg/Kg		97	70 - 130	14	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: MB 880-27030/5-A

Matrix: Solid

Analysis Batch: 27136

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27030

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		06/07/22 16:00	06/09/22 22:53	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		06/07/22 16:00	06/09/22 22:53	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		06/07/22 16:00	06/09/22 22:53	1
m,p-Xylenes	<0.00101	U	0.00400	0.00101	mg/Kg		06/07/22 16:00	06/09/22 22:53	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		06/07/22 16:00	06/09/22 22:53	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		06/07/22 16:00	06/09/22 22:53	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	100		70 - 130	06/07/22 16:00	06/09/22 22:53	1			
1,4-Difluorobenzene (Surr)	90		70 - 130	06/07/22 16:00	06/09/22 22:53	1			

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-27030/1-A

Matrix: Solid

Analysis Batch: 27136

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27030

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08689		mg/Kg		87	70 - 130
Toluene	0.100	0.08355		mg/Kg		84	70 - 130
Ethylbenzene	0.100	0.08655		mg/Kg		87	70 - 130
m,p-Xylenes	0.200	0.1713		mg/Kg		86	70 - 130
o-Xylene	0.100	0.08767		mg/Kg		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-27030/2-A

Matrix: Solid

Analysis Batch: 27136

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27030

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09718		mg/Kg		97	70 - 130	11	35
Toluene	0.100	0.08965		mg/Kg		90	70 - 130	7	35
Ethylbenzene	0.100	0.08834		mg/Kg		88	70 - 130	2	35
m,p-Xylenes	0.200	0.1769		mg/Kg		88	70 - 130	3	35
o-Xylene	0.100	0.08974		mg/Kg		90	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 890-2376-61 MS

Matrix: Solid

Analysis Batch: 27136

Client Sample ID: B-61

Prep Type: Total/NA

Prep Batch: 27030

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.000387	U F1	0.100	0.1026		mg/Kg		102	70 - 130
Toluene	<0.000458	U F1	0.100	0.09692		mg/Kg		97	70 - 130
Ethylbenzene	<0.000567	U F1	0.100	0.09500		mg/Kg		95	70 - 130
m,p-Xylenes	<0.00101	U F1	0.200	0.1913		mg/Kg		95	70 - 130
o-Xylene	<0.000345	U F1	0.100	0.09624		mg/Kg		96	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-2376-61 MSD

Matrix: Solid

Analysis Batch: 27136

Client Sample ID: B-61

Prep Type: Total/NA

Prep Batch: 27030

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.000387	U F1	0.0990	<0.000381	U F1	mg/Kg		0	70 - 130	NC	35
Toluene	<0.000458	U F1	0.0990	<0.000451	U F1	mg/Kg		0	70 - 130	NC	35
Ethylbenzene	<0.000567	U F1	0.0990	<0.000559	U F1	mg/Kg		0	70 - 130	NC	35

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-2376-61 MSD

Matrix: Solid

Analysis Batch: 27136

Client Sample ID: B-61

Prep Type: Total/NA

Prep Batch: 27030

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	<0.00101	U F1	0.198	<0.00100	U F1	mg/Kg		0	70 - 130	NC	35
o-Xylene	<0.000345	U F1	0.0990	<0.000341	U F1	mg/Kg		0	70 - 130	NC	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	100		70 - 130								
1,4-Difluorobenzene (Surr)	91		70 - 130								

Lab Sample ID: MB 880-27033/5-A

Matrix: Solid

Analysis Batch: 27241

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27033

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		06/07/22 16:09	06/10/22 11:47	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		06/07/22 16:09	06/10/22 11:47	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		06/07/22 16:09	06/10/22 11:47	1
m,p-Xylenes	<0.00101	U	0.00400	0.00101	mg/Kg		06/07/22 16:09	06/10/22 11:47	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		06/07/22 16:09	06/10/22 11:47	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		06/07/22 16:09	06/10/22 11:47	1
Surrogate	MB MB		Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	84		70 - 130				06/07/22 16:09	06/10/22 11:47	1
1,4-Difluorobenzene (Surr)	94		70 - 130				06/07/22 16:09	06/10/22 11:47	1

Lab Sample ID: LCS 880-27033/1-A

Matrix: Solid

Analysis Batch: 27241

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27033

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier				Limits		
Benzene			0.100	0.09462		mg/Kg		95	70 - 130		
Toluene			0.100	0.08186		mg/Kg		82	70 - 130		
Ethylbenzene			0.100	0.08523		mg/Kg		85	70 - 130		
m,p-Xylenes			0.200	0.1656		mg/Kg		83	70 - 130		
o-Xylene			0.100	0.08458		mg/Kg		85	70 - 130		
											</

Lab Sample ID: LCSD 880-27033/2-A

Matrix: Solid

Analysis Batch: 27241

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27033

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.07068		mg/Kg		71	70 - 130	29	35
Toluene	0.100	0.07121		mg/Kg		71	70 - 130	14	35
Ethylbenzene	0.100	0.07371		mg/Kg		74	70 - 130	15	35
m,p-Xylenes	0.200	0.1461		mg/Kg		73	70 - 130	13	35
o-Xylene	0.100	0.07580		mg/Kg		76	70 - 130	11	35

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 890-2376-81 MS

Matrix: Solid

Analysis Batch: 27241

Client Sample ID: B-81

Prep Type: Total/NA

Prep Batch: 27033

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.000387	U	0.0998	0.1067		mg/Kg		107	70 - 130
Toluene	<0.000458	U	0.0998	0.1053		mg/Kg		106	70 - 130
Ethylbenzene	<0.000567	U	0.0998	0.1067		mg/Kg		107	70 - 130
m,p-Xylenes	<0.00101	U	0.200	0.2117		mg/Kg		106	70 - 130
o-Xylene	<0.000345	U	0.0998	0.1025		mg/Kg		103	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-2376-81 MSD

Matrix: Solid

Analysis Batch: 27241

Client Sample ID: B-81

Prep Type: Total/NA

Prep Batch: 27033

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.000387	U	0.100	0.1174		mg/Kg		117	70 - 130	10	35
Toluene	<0.000458	U	0.100	0.1139		mg/Kg		113	70 - 130	8	35
Ethylbenzene	<0.000567	U	0.100	0.1220		mg/Kg		121	70 - 130	13	35
m,p-Xylenes	<0.00101	U	0.201	0.2421		mg/Kg		121	70 - 130	13	35
o-Xylene	<0.000345	U	0.100	0.1190		mg/Kg		118	70 - 130	15	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: MB 880-27074/5-A

Matrix: Solid

Analysis Batch: 27073

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27074

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		06/08/22 10:09	06/08/22 11:48	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		06/08/22 10:09	06/08/22 11:48	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		06/08/22 10:09	06/08/22 11:48	1
m,p-Xylenes	<0.00101	U	0.00400	0.00101	mg/Kg		06/08/22 10:09	06/08/22 11:48	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		06/08/22 10:09	06/08/22 11:48	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		06/08/22 10:09	06/08/22 11:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	06/08/22 10:09	06/08/22 11:48	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/08/22 10:09	06/08/22 11:48	1

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-27074/1-A

Matrix: Solid

Analysis Batch: 27073

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27074

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09918		mg/Kg		99	70 - 130
Toluene	0.100	0.1003		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.1122		mg/Kg		112	70 - 130
m,p-Xylenes	0.200	0.2196		mg/Kg		110	70 - 130
o-Xylene	0.100	0.1007		mg/Kg		101	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-27074/2-A

Matrix: Solid

Analysis Batch: 27073

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27074

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09481		mg/Kg		95	70 - 130	5	35
Toluene	0.100	0.1073		mg/Kg		107	70 - 130	7	35
Ethylbenzene	0.100	0.1286		mg/Kg		129	70 - 130	14	35
m,p-Xylenes	0.200	0.2676	*+	mg/Kg		134	70 - 130	20	35
o-Xylene	0.100	0.1233		mg/Kg		123	70 - 130	20	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	126		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-2376-101 MS

Matrix: Solid

Analysis Batch: 27073

Client Sample ID: B-101

Prep Type: Total/NA

Prep Batch: 27074

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.000574	J	0.0998	0.08366		mg/Kg		83	70 - 130
Toluene	0.000844	J	0.0998	0.09585		mg/Kg		95	70 - 130
Ethylbenzene	<0.000562	U	0.0998	0.1011		mg/Kg		101	70 - 130
m,p-Xylenes	<0.00100	U *+	0.200	0.1912		mg/Kg		96	70 - 130
o-Xylene	0.00131	J	0.0998	0.08458		mg/Kg		83	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	83		70 - 130

Lab Sample ID: 890-2376-101 MSD

Matrix: Solid

Analysis Batch: 27073

Client Sample ID: B-101

Prep Type: Total/NA

Prep Batch: 27074

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.000574	J	0.0990	0.08110		mg/Kg		81	70 - 130	3	35
Toluene	0.000844	J	0.0990	0.09378		mg/Kg		94	70 - 130	2	35
Ethylbenzene	<0.000562	U	0.0990	0.1126		mg/Kg		114	70 - 130	11	35

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-2376-101 MSD

Matrix: Solid

Analysis Batch: 27073

Client Sample ID: B-101

Prep Type: Total/NA

Prep Batch: 27074

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	<0.00100	U *	0.198	0.2352		mg/Kg		119	70 - 130	21	35
o-Xylene	0.00131	J	0.0990	0.1072		mg/Kg		107	70 - 130	24	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	123		70 - 130								
1,4-Difluorobenzene (Surr)	96		70 - 130								

Lab Sample ID: MB 880-27164/5-A

Matrix: Solid

Analysis Batch: 27136

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27164

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		06/09/22 10:05	06/09/22 12:16	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		06/09/22 10:05	06/09/22 12:16	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		06/09/22 10:05	06/09/22 12:16	1
m,p-Xylenes	<0.00101	U	0.00400	0.00101	mg/Kg		06/09/22 10:05	06/09/22 12:16	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		06/09/22 10:05	06/09/22 12:16	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		06/09/22 10:05	06/09/22 12:16	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				06/09/22 10:05	06/09/22 12:16	1
1,4-Difluorobenzene (Surr)	91		70 - 130				06/09/22 10:05	06/09/22 12:16	1

Lab Sample ID: MB 880-27174/5-B

Matrix: Solid

Analysis Batch: 27243

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27174

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		06/10/22 08:05	06/10/22 11:49	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		06/10/22 08:05	06/10/22 11:49	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		06/10/22 08:05	06/10/22 11:49	1
m,p-Xylenes	<0.00101	U	0.00400	0.00101	mg/Kg		06/10/22 08:05	06/10/22 11:49	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		06/10/22 08:05	06/10/22 11:49	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		06/10/22 08:05	06/10/22 11:49	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				06/10/22 08:05	06/10/22 11:49	1
1,4-Difluorobenzene (Surr)	89		70 - 130				06/10/22 08:05	06/10/22 11:49	1

Lab Sample ID: LCS 880-27174/1-A

Matrix: Solid

Analysis Batch: 27243

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27174

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07837		mg/Kg		78	70 - 130
Toluene	0.100	0.09276		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.07869		mg/Kg		79	70 - 130
m,p-Xylenes	0.200	0.1594		mg/Kg		80	70 - 130

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-27174/1-A

Matrix: Solid

Analysis Batch: 27243

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27174

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.07550		mg/Kg		76	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-27174/2-A

Matrix: Solid

Analysis Batch: 27243

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27174

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09025		mg/Kg		90	70 - 130	14	35
Toluene	0.100	0.08609		mg/Kg		86	70 - 130	7	35
Ethylbenzene	0.100	0.08999		mg/Kg		90	70 - 130	13	35
m,p-Xylenes	0.200	0.1801		mg/Kg		90	70 - 130	12	35
o-Xylene	0.100	0.09553		mg/Kg		96	70 - 130	23	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: MB 880-27259/5-A

Matrix: Solid

Analysis Batch: 27440

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27259

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		06/10/22 09:30	06/14/22 03:26	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		06/10/22 09:30	06/14/22 03:26	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		06/10/22 09:30	06/14/22 03:26	1
m,p-Xylenes	<0.00101	U	0.00400	0.00101	mg/Kg		06/10/22 09:30	06/14/22 03:26	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		06/10/22 09:30	06/14/22 03:26	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		06/10/22 09:30	06/14/22 03:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	06/10/22 09:30	06/14/22 03:26	1
1,4-Difluorobenzene (Surr)	99		70 - 130	06/10/22 09:30	06/14/22 03:26	1

Lab Sample ID: LCS 880-27259/1-A

Matrix: Solid

Analysis Batch: 27440

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27259

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07243		mg/Kg		72	70 - 130
Toluene	0.100	0.08666		mg/Kg		87	70 - 130
Ethylbenzene	0.100	0.08391		mg/Kg		84	70 - 130
m,p-Xylenes	0.200	0.1688		mg/Kg		84	70 - 130
o-Xylene	0.100	0.09442		mg/Kg		94	70 - 130

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-27259/1-A

Matrix: Solid

Analysis Batch: 27440

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27259

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: LCSD 880-27259/2-A

Matrix: Solid

Analysis Batch: 27440

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27259

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1076	*1	mg/Kg		108	70 - 130	39	35
Toluene	0.100	0.09612		mg/Kg		96	70 - 130	10	35
Ethylbenzene	0.100	0.08092		mg/Kg		81	70 - 130	4	35
m,p-Xylenes	0.200	0.1513		mg/Kg		76	70 - 130	11	35
o-Xylene	0.100	0.08396		mg/Kg		84	70 - 130	12	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 890-2376-56 MS

Matrix: Solid

Analysis Batch: 27440

Client Sample ID: B-56

Prep Type: Total/NA

Prep Batch: 27259

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.000432	J F1 F2 *1	0.0996	0.03597	F1	mg/Kg		36	70 - 130
Toluene	<0.000453	U F1 F2	0.0996	0.05113	F1	mg/Kg		51	70 - 130
Ethylbenzene	<0.000562	U F1 F2	0.0996	0.04197	F1	mg/Kg		42	70 - 130
m,p-Xylenes	<0.00100	U F1 F2	0.199	0.08677	F1	mg/Kg		44	70 - 130
o-Xylene	<0.000342	U F1 F2	0.0996	0.05112	F1	mg/Kg		51	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	84		70 - 130

Lab Sample ID: 890-2376-56 MSD

Matrix: Solid

Analysis Batch: 27440

Client Sample ID: B-56

Prep Type: Total/NA

Prep Batch: 27259

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.000432	J F1 F2 *1	0.100	0.06649	F1 F2	mg/Kg		66	70 - 130	60	35
Toluene	<0.000453	U F1 F2	0.100	0.08524	F2	mg/Kg		85	70 - 130	50	35
Ethylbenzene	<0.000562	U F1 F2	0.100	0.08169	F2	mg/Kg		82	70 - 130	64	35
m,p-Xylenes	<0.00100	U F1 F2	0.200	0.1746	F2	mg/Kg		87	70 - 130	67	35
o-Xylene	<0.000342	U F1 F2	0.100	0.09769	F2	mg/Kg		97	70 - 130	63	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-27306/5-A

Matrix: Solid

Analysis Batch: 27440

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27306

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		06/10/22 12:47	06/13/22 16:45	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		06/10/22 12:47	06/13/22 16:45	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		06/10/22 12:47	06/13/22 16:45	1
m,p-Xylenes	<0.00101	U	0.00400	0.00101	mg/Kg		06/10/22 12:47	06/13/22 16:45	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		06/10/22 12:47	06/13/22 16:45	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		06/10/22 12:47	06/13/22 16:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	06/10/22 12:47	06/13/22 16:45	1
1,4-Difluorobenzene (Surr)	102		70 - 130	06/10/22 12:47	06/13/22 16:45	1

Lab Sample ID: LCS 880-27306/1-A

Matrix: Solid

Analysis Batch: 27440

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27306

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08388		mg/Kg		84	70 - 130
Toluene	0.100	0.1036		mg/Kg		104	70 - 130
Ethylbenzene	0.100	0.1050		mg/Kg		105	70 - 130
m,p-Xylenes	0.200	0.2149		mg/Kg		107	70 - 130
o-Xylene	0.100	0.1181		mg/Kg		118	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: LCSD 880-27306/2-A

Matrix: Solid

Analysis Batch: 27440

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27306

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08586		mg/Kg		86	70 - 130	2	35
Toluene	0.100	0.09646		mg/Kg		96	70 - 130	7	35
Ethylbenzene	0.100	0.09253		mg/Kg		93	70 - 130	13	35
m,p-Xylenes	0.200	0.1839		mg/Kg		92	70 - 130	16	35
o-Xylene	0.100	0.1006		mg/Kg		101	70 - 130	16	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-26968/1-A

Matrix: Solid

Analysis Batch: 26955

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 26968

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:15	06/07/22 10:51	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:15	06/07/22 10:51	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:15	06/07/22 10:51	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				06/07/22 08:15	06/07/22 10:51	1
o-Terphenyl	86		70 - 130				06/07/22 08:15	06/07/22 10:51	1

Lab Sample ID: LCS 880-26968/2-A

Matrix: Solid

Analysis Batch: 26955

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 26968

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	810.3		mg/Kg		81	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1021		mg/Kg		102	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	85		70 - 130				
o-Terphenyl	86		70 - 130				

Lab Sample ID: LCSD 880-26968/3-A

Matrix: Solid

Analysis Batch: 26955

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 26968

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	727.7		mg/Kg		73	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	1000	863.1		mg/Kg		86	70 - 130	17	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	75		70 - 130						
o-Terphenyl	74		70 - 130						

Lab Sample ID: 890-2376-101 MS

Matrix: Solid

Analysis Batch: 26955

Client Sample ID: B-101

Prep Type: Total/NA

Prep Batch: 26968

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<15.0	U F1	997	677.2	F1	mg/Kg		68	70 - 130
Diesel Range Organics (Over C10-C28)	60.3		997	814.5		mg/Kg		76	70 - 130

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-2376-101 MS

Matrix: Solid

Analysis Batch: 26955

Client Sample ID: B-101

Prep Type: Total/NA

Prep Batch: 26968

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	86		70 - 130
o-Terphenyl	84		70 - 130

Lab Sample ID: 890-2376-101 MSD

Matrix: Solid

Analysis Batch: 26955

Client Sample ID: B-101

Prep Type: Total/NA

Prep Batch: 26968

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<15.0	U F1	1000	672.4	F1	mg/Kg		67	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	60.3		1000	791.9		mg/Kg		73	70 - 130	3	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	84		70 - 130
o-Terphenyl	80		70 - 130

Lab Sample ID: MB 880-26969/1-A

Matrix: Solid

Analysis Batch: 26957

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 26969

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:16	06/07/22 21:05	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:16	06/07/22 21:05	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:16	06/07/22 21:05	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	131	S1+	70 - 130	06/07/22 08:16	06/07/22 21:05	1			
o-Terphenyl	135	S1+	70 - 130	06/07/22 08:16	06/07/22 21:05	1			

Lab Sample ID: LCS 880-26969/2-A

Matrix: Solid

Analysis Batch: 26957

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 26969

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	832.2		mg/Kg		83	70 - 130
Diesel Range Organics (Over C10-C28)	1000	920.6		mg/Kg		92	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	108		70 - 130
o-Terphenyl	114		70 - 130

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-26969/3-A

Matrix: Solid

Analysis Batch: 26957

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 26969

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	915.7		mg/Kg		92	70 - 130	10	20
Diesel Range Organics (Over C10-C28)	1000	1014		mg/Kg		101	70 - 130	10	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	122		70 - 130						
o-Terphenyl	121		70 - 130						

Lab Sample ID: 890-2376-1 MS

Matrix: Solid

Analysis Batch: 26957

Client Sample ID: B-1

Prep Type: Total/NA

Prep Batch: 26969

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	997	1021		mg/Kg		102	70 - 130		
Diesel Range Organics (Over C10-C28)	<15.0	U	997	1035		mg/Kg		104	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	96		70 - 130								
o-Terphenyl	87		70 - 130								

Lab Sample ID: 890-2376-1 MSD

Matrix: Solid

Analysis Batch: 26957

Client Sample ID: B-1

Prep Type: Total/NA

Prep Batch: 26969

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	1000	1047		mg/Kg		105	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<15.0	U	1000	1063		mg/Kg		106	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	99		70 - 130								
o-Terphenyl	89		70 - 130								

Lab Sample ID: MB 880-26970/1-A

Matrix: Solid

Analysis Batch: 26959

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 26970

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	15.04	J	50.0	15.0	mg/Kg		06/07/22 08:17	06/07/22 21:05	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:17	06/07/22 21:05	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 08:17	06/07/22 21:05	1

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-26970/1-A

Matrix: Solid

Analysis Batch: 26959

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 26970

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
1-Chlorooctane	129		70 - 130	06/07/22 08:17	06/07/22 21:05	1				
o-Terphenyl	159	S1+	70 - 130	06/07/22 08:17	06/07/22 21:05	1				

Lab Sample ID: LCS 880-26970/2-A

Matrix: Solid

Analysis Batch: 26959

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 26970

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1195		mg/Kg		120	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1011		mg/Kg		101	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	128		70 - 130
o-Terphenyl	144	S1+	70 - 130

Lab Sample ID: LCSD 880-26970/3-A

Matrix: Solid

Analysis Batch: 26959

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 26970

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1188		mg/Kg		119	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	982.1		mg/Kg		98	70 - 130	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	124		70 - 130
o-Terphenyl	138	S1+	70 - 130

Lab Sample ID: 890-2376-21 MS

Matrix: Solid

Analysis Batch: 26959

Client Sample ID: B-21

Prep Type: Total/NA

Prep Batch: 26970

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	21.1	J B	997	940.9		mg/Kg		92	70 - 130		
Diesel Range Organics (Over C10-C28)	<15.0	U	997	955.8		mg/Kg		96	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	95		70 - 130
o-Terphenyl	98		70 - 130

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-2376-21 MSD

Matrix: Solid

Analysis Batch: 26959

Client Sample ID: B-21

Prep Type: Total/NA

Prep Batch: 26970

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	21.1	J B	1000	948.1		mg/Kg		93	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<15.0	U	1000	961.8		mg/Kg		96	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	95		70 - 130								
o-Terphenyl	98		70 - 130								

Lab Sample ID: MB 880-26989/1-A

Matrix: Solid

Analysis Batch: 27061

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 26989

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		06/07/22 09:03	06/08/22 10:02	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 09:03	06/08/22 10:02	1
Oil Range Organics (Over C28-C36)	32.75	J	50.0	15.0	mg/Kg		06/07/22 09:03	06/08/22 10:02	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				06/07/22 09:03	06/08/22 10:02	1
o-Terphenyl	109		70 - 130				06/07/22 09:03	06/08/22 10:02	1

Lab Sample ID: LCS 880-26989/2-A

Matrix: Solid

Analysis Batch: 27061

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 26989

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	995.1		mg/Kg		100	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1252		mg/Kg		125	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	129		70 - 130						
o-Terphenyl	128		70 - 130						

Lab Sample ID: LCSD 880-26989/3-A

Matrix: Solid

Analysis Batch: 27061

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 26989

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1308	*+ *1	mg/Kg		131	70 - 130	27	20
Diesel Range Organics (Over C10-C28)	1000	1465	*+	mg/Kg		146	70 - 130	16	20

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-26989/3-A

Matrix: Solid

Analysis Batch: 27061

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 26989

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	149	S1+	70 - 130
o-Terphenyl	149	S1+	70 - 130

Lab Sample ID: 890-2376-41 MS

Matrix: Solid

Analysis Batch: 27061

Client Sample ID: B-41

Prep Type: Total/NA

Prep Batch: 26989

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	17.4	J ** *1	997	1086		mg/Kg		107	70 - 130
Diesel Range Organics (Over C10-C28)	<15.0	U **	997	926.6		mg/Kg		93	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	105		70 - 130						
o-Terphenyl	100		70 - 130						

Lab Sample ID: 890-2376-41 MSD

Matrix: Solid

Analysis Batch: 27061

Client Sample ID: B-41

Prep Type: Total/NA

Prep Batch: 26989

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	17.4	J ** *1	1000	964.4		mg/Kg		95	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	<15.0	U **	1000	861.1		mg/Kg		86	70 - 130	7	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	98		70 - 130								
o-Terphenyl	91		70 - 130								

Lab Sample ID: MB 880-26998/1-A

Matrix: Solid

Analysis Batch: 27063

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 26998

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		06/07/22 09:24	06/08/22 10:02	1
Diesel Range Organics (Over C10-C28)	22.90	J	50.0	15.0	mg/Kg		06/07/22 09:24	06/08/22 10:02	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 09:24	06/08/22 10:02	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				06/07/22 09:24	06/08/22 10:02	1
o-Terphenyl	84		70 - 130				06/07/22 09:24	06/08/22 10:02	1

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-26998/2-A

Matrix: Solid

Analysis Batch: 27063

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 26998

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			Limits	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	806.7		mg/Kg		81	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	895.9		mg/Kg		90	70 - 130		
Surrogate	LCS	LCS	Limits								
	%Recovery	Qualifier									
1-Chlorooctane	80		70 - 130								
o-Terphenyl	75		70 - 130								

Lab Sample ID: LCSD 880-26998/3-A

Matrix: Solid

Analysis Batch: 27063

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 26998

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	806.5		mg/Kg		81	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	909.5		mg/Kg		91	70 - 130	2	20

Lab Sample ID: 890-2376-61 MS

Matrix: Solid

Analysis Batch: 27063

Client Sample ID: B-61

Prep Type: Total/NA

Prep Batch: 26998

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	997	731.9		mg/Kg		73	70 - 130		
Diesel Range Organics (Over C10-C28)	18.4	J B	997	909.7		mg/Kg		89	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	85		70 - 130								
o-Terphenyl	78		70 - 130								

Lab Sample ID: 890-2376-61 MSD

Matrix: Solid

Analysis Batch: 27063

Client Sample ID: B-61

Prep Type: Total/NA

Prep Batch: 26998

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	1000	802.5		mg/Kg		80	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	18.4	J B	1000	910.9		mg/Kg		89	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	84		70 - 130								

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-2376-61 MSD

Matrix: Solid

Analysis Batch: 27063

Client Sample ID: B-61

Prep Type: Total/NA

Prep Batch: 26998

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	77		70 - 130

Lab Sample ID: MB 880-26999/1-A

Matrix: Solid

Analysis Batch: 26955

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 26999

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		06/07/22 09:28	06/07/22 21:10	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 09:28	06/07/22 21:10	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/07/22 09:28	06/07/22 21:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				06/07/22 09:28	06/07/22 21:10	1
<i>o</i> -Terphenyl	83		70 - 130				06/07/22 09:28	06/07/22 21:10	1

Lab Sample ID: LCS 880-26999/2-A

Matrix: Solid

Analysis Batch: 26955

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 26999

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	693.9	*-	mg/Kg		69	70 - 130
Diesel Range Organics (Over C10-C28)	1000	867.0		mg/Kg		87	70 - 130
Surrogate	%Recovery	Qualifier	Limits				
1-Chlorooctane	74		70 - 130				
<i>o</i> -Terphenyl	74		70 - 130				

Lab Sample ID: LCSD 880-26999/3-A

Matrix: Solid

Analysis Batch: 26955

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 26999

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	699.1		mg/Kg		70	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	860.5		mg/Kg		86	70 - 130	1	20
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	75		70 - 130						
<i>o</i> -Terphenyl	72		70 - 130						

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-2376-81 MS

Matrix: Solid

Analysis Batch: 26955

Client Sample ID: B-81

Prep Type: Total/NA

Prep Batch: 26999

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	32.3	J *	997	788.3		mg/Kg		76	70 - 130
Diesel Range Organics (Over C10-C28)	<15.0	U	997	965.2		mg/Kg		97	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	87		70 - 130						
o-Terphenyl	84		70 - 130						

Lab Sample ID: 890-2376-81 MSD

Matrix: Solid

Analysis Batch: 26955

Client Sample ID: B-81

Prep Type: Total/NA

Prep Batch: 26999

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	32.3	J *	1000	825.1		mg/Kg		79	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<15.0	U	1000	971.1		mg/Kg		97	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	87		70 - 130								
o-Terphenyl	84		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-27038/1-A

Matrix: Solid

Analysis Batch: 27303

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.858	U	5.00	0.858	mg/Kg			06/10/22 12:12	1

Lab Sample ID: LCS 880-27038/2-A

Matrix: Solid

Analysis Batch: 27303

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	269.5		mg/Kg		108	90 - 110

Lab Sample ID: LCSD 880-27038/3-A

Matrix: Solid

Analysis Batch: 27303

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	261.3		mg/Kg		105	90 - 110	3	20

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-27173/1-A

Matrix: Solid

Analysis Batch: 27310

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.858	U	5.00	0.858	mg/Kg			06/10/22 14:35	1

Lab Sample ID: LCS 880-27173/2-A

Matrix: Solid

Analysis Batch: 27310

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	236.4		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-27173/3-A

Matrix: Solid

Analysis Batch: 27310

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	238.9		mg/Kg		96	90 - 110	1	20

Lab Sample ID: MB 880-27043/1-A

Matrix: Solid

Analysis Batch: 27621

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.858	U	5.00	0.858	mg/Kg			06/16/22 15:21	1

Lab Sample ID: LCS 880-27043/2-A

Matrix: Solid

Analysis Batch: 27621

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	253.3		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-27043/3-A

Matrix: Solid

Analysis Batch: 27621

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	255.5		mg/Kg		102	90 - 110	1	20

Lab Sample ID: 890-2376-42 MS

Matrix: Solid

Analysis Batch: 27621

Client Sample ID: B-42

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	14.5		252	258.0		mg/Kg		97	90 - 110

Lab Sample ID: 890-2376-42 MSD

Matrix: Solid

Analysis Batch: 27621

Client Sample ID: B-42

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	14.5		252	259.8		mg/Kg		98	90 - 110	1	20

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-2376-52 MS

Matrix: Solid

Analysis Batch: 27621

Client Sample ID: B-52

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride	15.4		250	261.4		mg/Kg		98	90 - 110	

Lab Sample ID: 890-2376-52 MSD

Matrix: Solid

Analysis Batch: 27621

Client Sample ID: B-52

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	15.4		250	275.7		mg/Kg		104	90 - 110	5	20

Lab Sample ID: MB 880-27039/1-A

Matrix: Solid

Analysis Batch: 27622

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.858	U	5.00	0.858	mg/Kg			06/16/22 01:22	1

Lab Sample ID: LCS 880-27039/2-A

Matrix: Solid

Analysis Batch: 27622

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride	250	255.3		mg/Kg		102	90 - 110	

Lab Sample ID: LCSD 880-27039/3-A

Matrix: Solid

Analysis Batch: 27622

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	255.7		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 890-2376-2 MS

Matrix: Solid

Analysis Batch: 27622

Client Sample ID: B-2

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride	7.78		252	255.4		mg/Kg		98	90 - 110	

Lab Sample ID: 890-2376-2 MSD

Matrix: Solid

Analysis Batch: 27622

Client Sample ID: B-2

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7.78		252	256.0		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 890-2376-12 MS

Matrix: Solid

Analysis Batch: 27622

Client Sample ID: B-12

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride	11.2		248	256.0		mg/Kg		99	90 - 110	

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-2376-12 MSD

Matrix: Solid

Analysis Batch: 27622

Client Sample ID: B-12

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	11.2		248	256.2		mg/Kg		99	90 - 110	0	20

Lab Sample ID: MB 880-27042/1-A

Matrix: Solid

Analysis Batch: 27662

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.858	U	5.00	0.858	mg/Kg			06/15/22 17:33	1

Lab Sample ID: LCS 880-27042/2-A

Matrix: Solid

Analysis Batch: 27662

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	225.1		mg/Kg		90	90 - 110

Lab Sample ID: LCSD 880-27042/3-A

Matrix: Solid

Analysis Batch: 27662

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	241.9		mg/Kg		97	90 - 110	7	20

Lab Sample ID: 890-2376-22 MS

Matrix: Solid

Analysis Batch: 27662

Client Sample ID: B-22

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.62	F1	253	245.4		mg/Kg		95	90 - 110

Lab Sample ID: 890-2376-22 MSD

Matrix: Solid

Analysis Batch: 27662

Client Sample ID: B-22

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5.62	F1	253	230.7	F1	mg/Kg		89	90 - 110	6	20

Lab Sample ID: 890-2376-32 MS

Matrix: Solid

Analysis Batch: 27662

Client Sample ID: B-32

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3.71	J F1	251	228.1	F1	mg/Kg		89	90 - 110

Lab Sample ID: 890-2376-32 MSD

Matrix: Solid

Analysis Batch: 27662

Client Sample ID: B-32

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3.71	J F1	251	212.3	F1	mg/Kg		83	90 - 110	7	20

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-27044/1-A

Matrix: Solid

Analysis Batch: 27663

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.858	U	5.00	0.858	mg/Kg			06/16/22 06:45	1

Lab Sample ID: LCS 880-27044/2-A

Matrix: Solid

Analysis Batch: 27663

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	259.1		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-27044/3-A

Matrix: Solid

Analysis Batch: 27663

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	258.8		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 890-2376-62 MS

Matrix: Solid

Analysis Batch: 27663

Client Sample ID: B-62

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	12.1		250	264.9		mg/Kg		101	90 - 110

Lab Sample ID: 890-2376-62 MSD

Matrix: Solid

Analysis Batch: 27663

Client Sample ID: B-62

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	12.1		250	255.6		mg/Kg		98	90 - 110	4	20

Lab Sample ID: 890-2376-72 MS

Matrix: Solid

Analysis Batch: 27663

Client Sample ID: B-72

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	17.5		250	257.7		mg/Kg		96	90 - 110

Lab Sample ID: 890-2376-72 MSD

Matrix: Solid

Analysis Batch: 27663

Client Sample ID: B-72

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	17.5		250	262.2		mg/Kg		98	90 - 110	2	20

Lab Sample ID: MB 880-27045/1-A

Matrix: Solid

Analysis Batch: 27727

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.858	U	5.00	0.858	mg/Kg			06/16/22 19:58	1

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-27045/2-A

Matrix: Solid

Analysis Batch: 27727

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	245.4		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-27045/3-A

Matrix: Solid

Analysis Batch: 27727

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	254.2		mg/Kg		102	90 - 110	4	20

Lab Sample ID: 890-2376-82 MS

Matrix: Solid

Analysis Batch: 27727

Client Sample ID: B-82

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	27.8		253	265.4		mg/Kg		94	90 - 110

Lab Sample ID: 890-2376-82 MSD

Matrix: Solid

Analysis Batch: 27727

Client Sample ID: B-82

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	27.8		253	271.5		mg/Kg		96	90 - 110	2	20

Lab Sample ID: 890-2376-92 MS

Matrix: Solid

Analysis Batch: 27727

Client Sample ID: B-92

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	82.1		249	319.1		mg/Kg		95	90 - 110

Lab Sample ID: 890-2376-92 MSD

Matrix: Solid

Analysis Batch: 27727

Client Sample ID: B-92

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	82.1		249	323.0		mg/Kg		97	90 - 110	1	20

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QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

GC VOA

Prep Batch: 27023

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-1	B-1	Total/NA	Solid	5035	
890-2376-2	B-2	Total/NA	Solid	5035	
890-2376-3	B-3	Total/NA	Solid	5035	
890-2376-4	B-4	Total/NA	Solid	5035	
890-2376-5	B-5	Total/NA	Solid	5035	
890-2376-6	B-6	Total/NA	Solid	5035	
890-2376-7	B-7	Total/NA	Solid	5035	
890-2376-8	B-8	Total/NA	Solid	5035	
890-2376-9	B-9	Total/NA	Solid	5035	
890-2376-10	B-10	Total/NA	Solid	5035	
890-2376-11	B-11	Total/NA	Solid	5035	
890-2376-12	B-12	Total/NA	Solid	5035	
890-2376-13	B-13	Total/NA	Solid	5035	
890-2376-14	B-14	Total/NA	Solid	5035	
890-2376-15	B-15	Total/NA	Solid	5035	
890-2376-16	B-16	Total/NA	Solid	5035	
890-2376-17	B-17	Total/NA	Solid	5035	
890-2376-18	B-18	Total/NA	Solid	5035	
890-2376-19	B-19	Total/NA	Solid	5035	
890-2376-20	B-20	Total/NA	Solid	5035	
MB 880-27023/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27023/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27023/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2376-1 MS	B-1	Total/NA	Solid	5035	
890-2376-1 MSD	B-1	Total/NA	Solid	5035	

Prep Batch: 27025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-21	B-21	Total/NA	Solid	5035	
890-2376-22	B-22	Total/NA	Solid	5035	
890-2376-23	B-23	Total/NA	Solid	5035	
890-2376-24	B-24	Total/NA	Solid	5035	
890-2376-25	B-25	Total/NA	Solid	5035	
890-2376-26	B-26	Total/NA	Solid	5035	
890-2376-27	B-27	Total/NA	Solid	5035	
890-2376-28	B-28	Total/NA	Solid	5035	
890-2376-29	B-29	Total/NA	Solid	5035	
890-2376-30	B-30	Total/NA	Solid	5035	
890-2376-31	B-31	Total/NA	Solid	5035	
890-2376-32	B-32	Total/NA	Solid	5035	
890-2376-33	B-33	Total/NA	Solid	5035	
890-2376-34	B-34	Total/NA	Solid	5035	
890-2376-35	B-35	Total/NA	Solid	5035	
890-2376-36	B-36	Total/NA	Solid	5035	
890-2376-37	B-37	Total/NA	Solid	5035	
890-2376-38	B-38	Total/NA	Solid	5035	
890-2376-39	B-39	Total/NA	Solid	5035	
890-2376-40	B-40	Total/NA	Solid	5035	
MB 880-27025/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27025/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27025/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

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QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

GC VOA (Continued)

Prep Batch: 27025 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-21 MS	B-21	Total/NA	Solid	5035	
890-2376-21 MSD	B-21	Total/NA	Solid	5035	

Prep Batch: 27028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-41	B-41	Total/NA	Solid	5035	
890-2376-42	B-42	Total/NA	Solid	5035	
890-2376-43	B-43	Total/NA	Solid	5035	
890-2376-44	B-44	Total/NA	Solid	5035	
890-2376-45	B-45	Total/NA	Solid	5035	
890-2376-46	B-46	Total/NA	Solid	5035	
890-2376-47	B-47	Total/NA	Solid	5035	
890-2376-48	B-48	Total/NA	Solid	5035	
890-2376-49	B-49	Total/NA	Solid	5035	
890-2376-50	B-50	Total/NA	Solid	5035	
MB 880-27028/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27028/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27028/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2376-41 MS	B-41	Total/NA	Solid	5035	
890-2376-41 MSD	B-41	Total/NA	Solid	5035	

Prep Batch: 27030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-61	B-61	Total/NA	Solid	5035	
890-2376-62	B-62	Total/NA	Solid	5035	
890-2376-63	B-63	Total/NA	Solid	5035	
890-2376-64	B-64	Total/NA	Solid	5035	
890-2376-65	B-65	Total/NA	Solid	5035	
890-2376-66	B-66	Total/NA	Solid	5035	
890-2376-67	B-67	Total/NA	Solid	5035	
890-2376-68	B-68	Total/NA	Solid	5035	
890-2376-69	B-69	Total/NA	Solid	5035	
890-2376-70	B-70	Total/NA	Solid	5035	
890-2376-71	B-71	Total/NA	Solid	5035	
890-2376-72	B-72	Total/NA	Solid	5035	
890-2376-73	B-73	Total/NA	Solid	5035	
890-2376-74	B-74	Total/NA	Solid	5035	
890-2376-75	B-75	Total/NA	Solid	5035	
890-2376-76	B-76	Total/NA	Solid	5035	
890-2376-77	B-77	Total/NA	Solid	5035	
890-2376-78	B-78	Total/NA	Solid	5035	
890-2376-79	B-79	Total/NA	Solid	5035	
890-2376-80	B-80	Total/NA	Solid	5035	
MB 880-27030/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27030/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27030/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2376-61 MS	B-61	Total/NA	Solid	5035	
890-2376-61 MSD	B-61	Total/NA	Solid	5035	

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QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

GC VOA

Prep Batch: 27033

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-81	B-81	Total/NA	Solid	5035	
890-2376-82	B-82	Total/NA	Solid	5035	
890-2376-83	B-83	Total/NA	Solid	5035	
890-2376-84	B-84	Total/NA	Solid	5035	
890-2376-85	B-85	Total/NA	Solid	5035	
890-2376-86	B-86	Total/NA	Solid	5035	
890-2376-87	B-87	Total/NA	Solid	5035	
890-2376-88	B-88	Total/NA	Solid	5035	
890-2376-89	B-89	Total/NA	Solid	5035	
890-2376-90	B-90	Total/NA	Solid	5035	
890-2376-92	B-92	Total/NA	Solid	5035	
890-2376-93	B-93	Total/NA	Solid	5035	
890-2376-94	B-94	Total/NA	Solid	5035	
890-2376-95	B-95	Total/NA	Solid	5035	
890-2376-96	B-96	Total/NA	Solid	5035	
890-2376-97	B-97	Total/NA	Solid	5035	
890-2376-98	B-98	Total/NA	Solid	5035	
890-2376-99	B-99	Total/NA	Solid	5035	
890-2376-100	B-100	Total/NA	Solid	5035	
MB 880-27033/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27033/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27033/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2376-81 MS	B-81	Total/NA	Solid	5035	
890-2376-81 MSD	B-81	Total/NA	Solid	5035	

Analysis Batch: 27073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-101	B-101	Total/NA	Solid	8021B	27074
890-2376-102	B-102	Total/NA	Solid	8021B	27074
890-2376-103	B-103	Total/NA	Solid	8021B	27074
890-2376-104	B-104	Total/NA	Solid	8021B	27074
890-2376-105	B-105	Total/NA	Solid	8021B	27074
MB 880-27074/5-A	Method Blank	Total/NA	Solid	8021B	27074
LCS 880-27074/1-A	Lab Control Sample	Total/NA	Solid	8021B	27074
LCSD 880-27074/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27074
890-2376-101 MS	B-101	Total/NA	Solid	8021B	27074
890-2376-101 MSD	B-101	Total/NA	Solid	8021B	27074

Prep Batch: 27074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-101	B-101	Total/NA	Solid	5035	
890-2376-102	B-102	Total/NA	Solid	5035	
890-2376-103	B-103	Total/NA	Solid	5035	
890-2376-104	B-104	Total/NA	Solid	5035	
890-2376-105	B-105	Total/NA	Solid	5035	
MB 880-27074/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27074/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27074/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2376-101 MS	B-101	Total/NA	Solid	5035	
890-2376-101 MSD	B-101	Total/NA	Solid	5035	

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QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

GC VOA

Analysis Batch: 27093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-1	B-1	Total/NA	Solid	8021B	27023
890-2376-2	B-2	Total/NA	Solid	8021B	27023
890-2376-3	B-3	Total/NA	Solid	8021B	27023
890-2376-4	B-4	Total/NA	Solid	8021B	27023
890-2376-5	B-5	Total/NA	Solid	8021B	27023
890-2376-6	B-6	Total/NA	Solid	8021B	27023
890-2376-7	B-7	Total/NA	Solid	8021B	27023
890-2376-8	B-8	Total/NA	Solid	8021B	27023
890-2376-9	B-9	Total/NA	Solid	8021B	27023
890-2376-10	B-10	Total/NA	Solid	8021B	27023
890-2376-11	B-11	Total/NA	Solid	8021B	27023
890-2376-12	B-12	Total/NA	Solid	8021B	27023
890-2376-13	B-13	Total/NA	Solid	8021B	27023
890-2376-14	B-14	Total/NA	Solid	8021B	27023
890-2376-15	B-15	Total/NA	Solid	8021B	27023
890-2376-16	B-16	Total/NA	Solid	8021B	27023
890-2376-17	B-17	Total/NA	Solid	8021B	27023
890-2376-18	B-18	Total/NA	Solid	8021B	27023
890-2376-19	B-19	Total/NA	Solid	8021B	27023
890-2376-20	B-20	Total/NA	Solid	8021B	27023
890-2376-21	B-21	Total/NA	Solid	8021B	27025
890-2376-22	B-22	Total/NA	Solid	8021B	27025
890-2376-23	B-23	Total/NA	Solid	8021B	27025
890-2376-24	B-24	Total/NA	Solid	8021B	27025
890-2376-25	B-25	Total/NA	Solid	8021B	27025
890-2376-26	B-26	Total/NA	Solid	8021B	27025
890-2376-27	B-27	Total/NA	Solid	8021B	27025
890-2376-28	B-28	Total/NA	Solid	8021B	27025
890-2376-29	B-29	Total/NA	Solid	8021B	27025
890-2376-30	B-30	Total/NA	Solid	8021B	27025
890-2376-31	B-31	Total/NA	Solid	8021B	27025
890-2376-32	B-32	Total/NA	Solid	8021B	27025
890-2376-33	B-33	Total/NA	Solid	8021B	27025
890-2376-34	B-34	Total/NA	Solid	8021B	27025
890-2376-35	B-35	Total/NA	Solid	8021B	27025
890-2376-36	B-36	Total/NA	Solid	8021B	27025
890-2376-37	B-37	Total/NA	Solid	8021B	27025
890-2376-38	B-38	Total/NA	Solid	8021B	27025
890-2376-39	B-39	Total/NA	Solid	8021B	27025
890-2376-40	B-40	Total/NA	Solid	8021B	27025
MB 880-27023/5-A	Method Blank	Total/NA	Solid	8021B	27023
MB 880-27025/5-A	Method Blank	Total/NA	Solid	8021B	27025
LCS 880-27023/1-A	Lab Control Sample	Total/NA	Solid	8021B	27023
LCS 880-27025/1-A	Lab Control Sample	Total/NA	Solid	8021B	27025
LCSD 880-27023/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27023
LCSD 880-27025/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27025
890-2376-1 MS	B-1	Total/NA	Solid	8021B	27023
890-2376-1 MSD	B-1	Total/NA	Solid	8021B	27023
890-2376-21 MS	B-21	Total/NA	Solid	8021B	27025
890-2376-21 MSD	B-21	Total/NA	Solid	8021B	27025

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QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

GC VOA

Analysis Batch: 27117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-1	B-1	Total/NA	Solid	Total BTEX	
890-2376-2	B-2	Total/NA	Solid	Total BTEX	
890-2376-3	B-3	Total/NA	Solid	Total BTEX	
890-2376-4	B-4	Total/NA	Solid	Total BTEX	
890-2376-5	B-5	Total/NA	Solid	Total BTEX	
890-2376-6	B-6	Total/NA	Solid	Total BTEX	
890-2376-7	B-7	Total/NA	Solid	Total BTEX	
890-2376-8	B-8	Total/NA	Solid	Total BTEX	
890-2376-9	B-9	Total/NA	Solid	Total BTEX	
890-2376-10	B-10	Total/NA	Solid	Total BTEX	
890-2376-11	B-11	Total/NA	Solid	Total BTEX	
890-2376-12	B-12	Total/NA	Solid	Total BTEX	
890-2376-13	B-13	Total/NA	Solid	Total BTEX	
890-2376-14	B-14	Total/NA	Solid	Total BTEX	
890-2376-15	B-15	Total/NA	Solid	Total BTEX	
890-2376-16	B-16	Total/NA	Solid	Total BTEX	
890-2376-17	B-17	Total/NA	Solid	Total BTEX	
890-2376-18	B-18	Total/NA	Solid	Total BTEX	
890-2376-19	B-19	Total/NA	Solid	Total BTEX	
890-2376-20	B-20	Total/NA	Solid	Total BTEX	
890-2376-21	B-21	Total/NA	Solid	Total BTEX	
890-2376-22	B-22	Total/NA	Solid	Total BTEX	
890-2376-23	B-23	Total/NA	Solid	Total BTEX	
890-2376-24	B-24	Total/NA	Solid	Total BTEX	
890-2376-25	B-25	Total/NA	Solid	Total BTEX	
890-2376-26	B-26	Total/NA	Solid	Total BTEX	
890-2376-27	B-27	Total/NA	Solid	Total BTEX	
890-2376-28	B-28	Total/NA	Solid	Total BTEX	
890-2376-29	B-29	Total/NA	Solid	Total BTEX	
890-2376-30	B-30	Total/NA	Solid	Total BTEX	
890-2376-31	B-31	Total/NA	Solid	Total BTEX	
890-2376-32	B-32	Total/NA	Solid	Total BTEX	
890-2376-33	B-33	Total/NA	Solid	Total BTEX	
890-2376-34	B-34	Total/NA	Solid	Total BTEX	
890-2376-35	B-35	Total/NA	Solid	Total BTEX	
890-2376-36	B-36	Total/NA	Solid	Total BTEX	
890-2376-37	B-37	Total/NA	Solid	Total BTEX	
890-2376-38	B-38	Total/NA	Solid	Total BTEX	
890-2376-39	B-39	Total/NA	Solid	Total BTEX	
890-2376-40	B-40	Total/NA	Solid	Total BTEX	
890-2376-41	B-41	Total/NA	Solid	Total BTEX	
890-2376-42	B-42	Total/NA	Solid	Total BTEX	
890-2376-43	B-43	Total/NA	Solid	Total BTEX	
890-2376-44	B-44	Total/NA	Solid	Total BTEX	
890-2376-45	B-45	Total/NA	Solid	Total BTEX	
890-2376-46	B-46	Total/NA	Solid	Total BTEX	
890-2376-47	B-47	Total/NA	Solid	Total BTEX	
890-2376-48	B-48	Total/NA	Solid	Total BTEX	
890-2376-49	B-49	Total/NA	Solid	Total BTEX	
890-2376-50	B-50	Total/NA	Solid	Total BTEX	
890-2376-51	B-51	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

GC VOA (Continued)

Analysis Batch: 27117 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-52	B-52	Total/NA	Solid	Total BTEX	
890-2376-53	B-53	Total/NA	Solid	Total BTEX	
890-2376-54	B-54	Total/NA	Solid	Total BTEX	
890-2376-55	B-55	Total/NA	Solid	Total BTEX	
890-2376-56	B-56	Total/NA	Solid	Total BTEX	
890-2376-57	B-57	Total/NA	Solid	Total BTEX	
890-2376-58	B-58	Total/NA	Solid	Total BTEX	
890-2376-59	B-59	Total/NA	Solid	Total BTEX	
890-2376-60	B-60	Total/NA	Solid	Total BTEX	
890-2376-61	B-61	Total/NA	Solid	Total BTEX	
890-2376-62	B-62	Total/NA	Solid	Total BTEX	
890-2376-63	B-63	Total/NA	Solid	Total BTEX	
890-2376-64	B-64	Total/NA	Solid	Total BTEX	
890-2376-65	B-65	Total/NA	Solid	Total BTEX	
890-2376-66	B-66	Total/NA	Solid	Total BTEX	
890-2376-67	B-67	Total/NA	Solid	Total BTEX	
890-2376-68	B-68	Total/NA	Solid	Total BTEX	
890-2376-69	B-69	Total/NA	Solid	Total BTEX	
890-2376-70	B-70	Total/NA	Solid	Total BTEX	
890-2376-71	B-71	Total/NA	Solid	Total BTEX	
890-2376-72	B-72	Total/NA	Solid	Total BTEX	
890-2376-73	B-73	Total/NA	Solid	Total BTEX	
890-2376-74	B-74	Total/NA	Solid	Total BTEX	
890-2376-75	B-75	Total/NA	Solid	Total BTEX	
890-2376-76	B-76	Total/NA	Solid	Total BTEX	
890-2376-77	B-77	Total/NA	Solid	Total BTEX	
890-2376-78	B-78	Total/NA	Solid	Total BTEX	
890-2376-79	B-79	Total/NA	Solid	Total BTEX	
890-2376-80	B-80	Total/NA	Solid	Total BTEX	
890-2376-81	B-81	Total/NA	Solid	Total BTEX	
890-2376-82	B-82	Total/NA	Solid	Total BTEX	
890-2376-83	B-83	Total/NA	Solid	Total BTEX	
890-2376-84	B-84	Total/NA	Solid	Total BTEX	
890-2376-85	B-85	Total/NA	Solid	Total BTEX	
890-2376-86	B-86	Total/NA	Solid	Total BTEX	
890-2376-87	B-87	Total/NA	Solid	Total BTEX	
890-2376-88	B-88	Total/NA	Solid	Total BTEX	
890-2376-89	B-89	Total/NA	Solid	Total BTEX	
890-2376-90	B-90	Total/NA	Solid	Total BTEX	
890-2376-91	B-91	Total/NA	Solid	Total BTEX	
890-2376-92	B-92	Total/NA	Solid	Total BTEX	
890-2376-93	B-93	Total/NA	Solid	Total BTEX	
890-2376-94	B-94	Total/NA	Solid	Total BTEX	
890-2376-95	B-95	Total/NA	Solid	Total BTEX	
890-2376-96	B-96	Total/NA	Solid	Total BTEX	
890-2376-97	B-97	Total/NA	Solid	Total BTEX	
890-2376-98	B-98	Total/NA	Solid	Total BTEX	
890-2376-99	B-99	Total/NA	Solid	Total BTEX	
890-2376-100	B-100	Total/NA	Solid	Total BTEX	
890-2376-101	B-101	Total/NA	Solid	Total BTEX	
890-2376-102	B-102	Total/NA	Solid	Total BTEX	

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

GC VOA (Continued)

Analysis Batch: 27117 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-103	B-103	Total/NA	Solid	Total BTEX	
890-2376-104	B-104	Total/NA	Solid	Total BTEX	
890-2376-105	B-105	Total/NA	Solid	Total BTEX	

Analysis Batch: 27130

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-41	B-41	Total/NA	Solid	8021B	27028
890-2376-42	B-42	Total/NA	Solid	8021B	27028
890-2376-43	B-43	Total/NA	Solid	8021B	27028
890-2376-44	B-44	Total/NA	Solid	8021B	27028
890-2376-45	B-45	Total/NA	Solid	8021B	27028
890-2376-46	B-46	Total/NA	Solid	8021B	27028
890-2376-47	B-47	Total/NA	Solid	8021B	27028
890-2376-48	B-48	Total/NA	Solid	8021B	27028
890-2376-49	B-49	Total/NA	Solid	8021B	27028
890-2376-50	B-50	Total/NA	Solid	8021B	27028
MB 880-27028/5-A	Method Blank	Total/NA	Solid	8021B	27028
LCS 880-27028/1-A	Lab Control Sample	Total/NA	Solid	8021B	27028
LCSD 880-27028/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27028
890-2376-41 MS	B-41	Total/NA	Solid	8021B	27028
890-2376-41 MSD	B-41	Total/NA	Solid	8021B	27028

Analysis Batch: 27136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-61	B-61	Total/NA	Solid	8021B	27030
890-2376-62	B-62	Total/NA	Solid	8021B	27030
890-2376-63	B-63	Total/NA	Solid	8021B	27030
890-2376-64	B-64	Total/NA	Solid	8021B	27030
890-2376-65	B-65	Total/NA	Solid	8021B	27030
890-2376-66	B-66	Total/NA	Solid	8021B	27030
890-2376-67	B-67	Total/NA	Solid	8021B	27030
890-2376-68	B-68	Total/NA	Solid	8021B	27030
890-2376-69	B-69	Total/NA	Solid	8021B	27030
890-2376-70	B-70	Total/NA	Solid	8021B	27030
890-2376-71	B-71	Total/NA	Solid	8021B	27030
890-2376-72	B-72	Total/NA	Solid	8021B	27030
890-2376-73	B-73	Total/NA	Solid	8021B	27030
890-2376-74	B-74	Total/NA	Solid	8021B	27030
890-2376-75	B-75	Total/NA	Solid	8021B	27030
890-2376-76	B-76	Total/NA	Solid	8021B	27030
890-2376-77	B-77	Total/NA	Solid	8021B	27030
890-2376-78	B-78	Total/NA	Solid	8021B	27030
890-2376-79	B-79	Total/NA	Solid	8021B	27030
890-2376-80	B-80	Total/NA	Solid	8021B	27030
MB 880-27030/5-A	Method Blank	Total/NA	Solid	8021B	27030
MB 880-27164/5-A	Method Blank	Total/NA	Solid	8021B	27164
LCS 880-27030/1-A	Lab Control Sample	Total/NA	Solid	8021B	27030
LCSD 880-27030/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27030
890-2376-61 MS	B-61	Total/NA	Solid	8021B	27030
890-2376-61 MSD	B-61	Total/NA	Solid	8021B	27030

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

GC VOA

Prep Batch: 27164

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-27164/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 27174

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-51	B-51	Total/NA	Solid	5035	
890-2376-52	B-52	Total/NA	Solid	5035	
890-2376-53	B-53	Total/NA	Solid	5035	
890-2376-54	B-54	Total/NA	Solid	5035	
890-2376-55	B-55	Total/NA	Solid	5035	
MB 880-27174/5-B	Method Blank	Total/NA	Solid	5035	
LCS 880-27174/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27174/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 27241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-81	B-81	Total/NA	Solid	8021B	27033
890-2376-82	B-82	Total/NA	Solid	8021B	27033
890-2376-83	B-83	Total/NA	Solid	8021B	27033
890-2376-84	B-84	Total/NA	Solid	8021B	27033
890-2376-85	B-85	Total/NA	Solid	8021B	27033
890-2376-86	B-86	Total/NA	Solid	8021B	27033
890-2376-87	B-87	Total/NA	Solid	8021B	27033
890-2376-88	B-88	Total/NA	Solid	8021B	27033
890-2376-89	B-89	Total/NA	Solid	8021B	27033
890-2376-90	B-90	Total/NA	Solid	8021B	27033
890-2376-92	B-92	Total/NA	Solid	8021B	27033
890-2376-93	B-93	Total/NA	Solid	8021B	27033
890-2376-94	B-94	Total/NA	Solid	8021B	27033
890-2376-95	B-95	Total/NA	Solid	8021B	27033
890-2376-96	B-96	Total/NA	Solid	8021B	27033
890-2376-97	B-97	Total/NA	Solid	8021B	27033
890-2376-98	B-98	Total/NA	Solid	8021B	27033
890-2376-99	B-99	Total/NA	Solid	8021B	27033
890-2376-100	B-100	Total/NA	Solid	8021B	27033
MB 880-27033/5-A	Method Blank	Total/NA	Solid	8021B	27033
LCS 880-27033/1-A	Lab Control Sample	Total/NA	Solid	8021B	27033
LCSD 880-27033/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27033
890-2376-81 MS	B-81	Total/NA	Solid	8021B	27033
890-2376-81 MSD	B-81	Total/NA	Solid	8021B	27033

Analysis Batch: 27243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-51	B-51	Total/NA	Solid	8021B	27174
890-2376-52	B-52	Total/NA	Solid	8021B	27174
890-2376-53	B-53	Total/NA	Solid	8021B	27174
890-2376-54	B-54	Total/NA	Solid	8021B	27174
890-2376-55	B-55	Total/NA	Solid	8021B	27174
MB 880-27174/5-B	Method Blank	Total/NA	Solid	8021B	27174
LCS 880-27174/1-A	Lab Control Sample	Total/NA	Solid	8021B	27174
LCSD 880-27174/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27174

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

GC VOA

Prep Batch: 27259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-56	B-56	Total/NA	Solid	5035	
890-2376-57	B-57	Total/NA	Solid	5035	
890-2376-58	B-58	Total/NA	Solid	5035	
890-2376-59	B-59	Total/NA	Solid	5035	
890-2376-60	B-60	Total/NA	Solid	5035	
MB 880-27259/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27259/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27259/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2376-56 MS	B-56	Total/NA	Solid	5035	
890-2376-56 MSD	B-56	Total/NA	Solid	5035	

Prep Batch: 27306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-91	B-91	Total/NA	Solid	5035	
MB 880-27306/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27306/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27306/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 27440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-56	B-56	Total/NA	Solid	8021B	27259
890-2376-57	B-57	Total/NA	Solid	8021B	27259
890-2376-58	B-58	Total/NA	Solid	8021B	27259
890-2376-59	B-59	Total/NA	Solid	8021B	27259
890-2376-60	B-60	Total/NA	Solid	8021B	27259
890-2376-91	B-91	Total/NA	Solid	8021B	27306
MB 880-27259/5-A	Method Blank	Total/NA	Solid	8021B	27259
MB 880-27306/5-A	Method Blank	Total/NA	Solid	8021B	27306
LCS 880-27259/1-A	Lab Control Sample	Total/NA	Solid	8021B	27259
LCS 880-27306/1-A	Lab Control Sample	Total/NA	Solid	8021B	27306
LCSD 880-27259/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27259
LCSD 880-27306/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27306
890-2376-56 MS	B-56	Total/NA	Solid	8021B	27259
890-2376-56 MSD	B-56	Total/NA	Solid	8021B	27259

GC Semi VOA

Analysis Batch: 26955

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-81	B-81	Total/NA	Solid	8015B NM	26999
890-2376-82	B-82	Total/NA	Solid	8015B NM	26999
890-2376-83	B-83	Total/NA	Solid	8015B NM	26999
890-2376-84	B-84	Total/NA	Solid	8015B NM	26999
890-2376-85	B-85	Total/NA	Solid	8015B NM	26999
890-2376-86	B-86	Total/NA	Solid	8015B NM	26999
890-2376-87	B-87	Total/NA	Solid	8015B NM	26999
890-2376-88	B-88	Total/NA	Solid	8015B NM	26999
890-2376-89	B-89	Total/NA	Solid	8015B NM	26999
890-2376-90	B-90	Total/NA	Solid	8015B NM	26999
890-2376-91	B-91	Total/NA	Solid	8015B NM	26999
890-2376-92	B-92	Total/NA	Solid	8015B NM	26999

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QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

GC Semi VOA (Continued)

Analysis Batch: 26955 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-93	B-93	Total/NA	Solid	8015B NM	26999
890-2376-94	B-94	Total/NA	Solid	8015B NM	26999
890-2376-95	B-95	Total/NA	Solid	8015B NM	26999
890-2376-96	B-96	Total/NA	Solid	8015B NM	26999
890-2376-97	B-97	Total/NA	Solid	8015B NM	26999
890-2376-98	B-98	Total/NA	Solid	8015B NM	26999
890-2376-99	B-99	Total/NA	Solid	8015B NM	26999
890-2376-100	B-100	Total/NA	Solid	8015B NM	26999
890-2376-101	B-101	Total/NA	Solid	8015B NM	26968
890-2376-102	B-102	Total/NA	Solid	8015B NM	26968
890-2376-103	B-103	Total/NA	Solid	8015B NM	26968
890-2376-104	B-104	Total/NA	Solid	8015B NM	26968
890-2376-105	B-105	Total/NA	Solid	8015B NM	26968
MB 880-26968/1-A	Method Blank	Total/NA	Solid	8015B NM	26968
MB 880-26999/1-A	Method Blank	Total/NA	Solid	8015B NM	26999
LCS 880-26968/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	26968
LCS 880-26999/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	26999
LCSD 880-26968/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	26968
LCSD 880-26999/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	26999
890-2376-81 MS	B-81	Total/NA	Solid	8015B NM	26999
890-2376-81 MSD	B-81	Total/NA	Solid	8015B NM	26999
890-2376-101 MS	B-101	Total/NA	Solid	8015B NM	26968
890-2376-101 MSD	B-101	Total/NA	Solid	8015B NM	26968

Analysis Batch: 26957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-1	B-1	Total/NA	Solid	8015B NM	26969
890-2376-2	B-2	Total/NA	Solid	8015B NM	26969
890-2376-3	B-3	Total/NA	Solid	8015B NM	26969
890-2376-4	B-4	Total/NA	Solid	8015B NM	26969
890-2376-5	B-5	Total/NA	Solid	8015B NM	26969
890-2376-6	B-6	Total/NA	Solid	8015B NM	26969
890-2376-7	B-7	Total/NA	Solid	8015B NM	26969
890-2376-8	B-8	Total/NA	Solid	8015B NM	26969
890-2376-9	B-9	Total/NA	Solid	8015B NM	26969
890-2376-10	B-10	Total/NA	Solid	8015B NM	26969
890-2376-11	B-11	Total/NA	Solid	8015B NM	26969
890-2376-12	B-12	Total/NA	Solid	8015B NM	26969
890-2376-13	B-13	Total/NA	Solid	8015B NM	26969
890-2376-14	B-14	Total/NA	Solid	8015B NM	26969
890-2376-15	B-15	Total/NA	Solid	8015B NM	26969
890-2376-16	B-16	Total/NA	Solid	8015B NM	26969
890-2376-17	B-17	Total/NA	Solid	8015B NM	26969
890-2376-18	B-18	Total/NA	Solid	8015B NM	26969
890-2376-19	B-19	Total/NA	Solid	8015B NM	26969
890-2376-20	B-20	Total/NA	Solid	8015B NM	26969
MB 880-26969/1-A	Method Blank	Total/NA	Solid	8015B NM	26969
LCS 880-26969/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	26969
LCSD 880-26969/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	26969
890-2376-1 MS	B-1	Total/NA	Solid	8015B NM	26969
890-2376-1 MSD	B-1	Total/NA	Solid	8015B NM	26969

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

GC Semi VOA

Analysis Batch: 26959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-21	B-21	Total/NA	Solid	8015B NM	26970
890-2376-22	B-22	Total/NA	Solid	8015B NM	26970
890-2376-23	B-23	Total/NA	Solid	8015B NM	26970
890-2376-24	B-24	Total/NA	Solid	8015B NM	26970
890-2376-25	B-25	Total/NA	Solid	8015B NM	26970
890-2376-26	B-26	Total/NA	Solid	8015B NM	26970
890-2376-27	B-27	Total/NA	Solid	8015B NM	26970
890-2376-28	B-28	Total/NA	Solid	8015B NM	26970
890-2376-29	B-29	Total/NA	Solid	8015B NM	26970
890-2376-30	B-30	Total/NA	Solid	8015B NM	26970
890-2376-31	B-31	Total/NA	Solid	8015B NM	26970
890-2376-32	B-32	Total/NA	Solid	8015B NM	26970
890-2376-33	B-33	Total/NA	Solid	8015B NM	26970
890-2376-34	B-34	Total/NA	Solid	8015B NM	26970
890-2376-35	B-35	Total/NA	Solid	8015B NM	26970
890-2376-36	B-36	Total/NA	Solid	8015B NM	26970
890-2376-37	B-37	Total/NA	Solid	8015B NM	26970
890-2376-38	B-38	Total/NA	Solid	8015B NM	26970
890-2376-39	B-39	Total/NA	Solid	8015B NM	26970
890-2376-40	B-40	Total/NA	Solid	8015B NM	26970
MB 880-26970/1-A	Method Blank	Total/NA	Solid	8015B NM	26970
LCS 880-26970/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	26970
LCSD 880-26970/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	26970
890-2376-21 MS	B-21	Total/NA	Solid	8015B NM	26970
890-2376-21 MSD	B-21	Total/NA	Solid	8015B NM	26970

Prep Batch: 26968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-101	B-101	Total/NA	Solid	8015NM Prep	
890-2376-102	B-102	Total/NA	Solid	8015NM Prep	
890-2376-103	B-103	Total/NA	Solid	8015NM Prep	
890-2376-104	B-104	Total/NA	Solid	8015NM Prep	
890-2376-105	B-105	Total/NA	Solid	8015NM Prep	
MB 880-26968/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-26968/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-26968/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2376-101 MS	B-101	Total/NA	Solid	8015NM Prep	
890-2376-101 MSD	B-101	Total/NA	Solid	8015NM Prep	

Prep Batch: 26969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-1	B-1	Total/NA	Solid	8015NM Prep	
890-2376-2	B-2	Total/NA	Solid	8015NM Prep	
890-2376-3	B-3	Total/NA	Solid	8015NM Prep	
890-2376-4	B-4	Total/NA	Solid	8015NM Prep	
890-2376-5	B-5	Total/NA	Solid	8015NM Prep	
890-2376-6	B-6	Total/NA	Solid	8015NM Prep	
890-2376-7	B-7	Total/NA	Solid	8015NM Prep	
890-2376-8	B-8	Total/NA	Solid	8015NM Prep	
890-2376-9	B-9	Total/NA	Solid	8015NM Prep	
890-2376-10	B-10	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

GC Semi VOA (Continued)

Prep Batch: 26969 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-11	B-11	Total/NA	Solid	8015NM Prep	
890-2376-12	B-12	Total/NA	Solid	8015NM Prep	
890-2376-13	B-13	Total/NA	Solid	8015NM Prep	
890-2376-14	B-14	Total/NA	Solid	8015NM Prep	
890-2376-15	B-15	Total/NA	Solid	8015NM Prep	
890-2376-16	B-16	Total/NA	Solid	8015NM Prep	
890-2376-17	B-17	Total/NA	Solid	8015NM Prep	
890-2376-18	B-18	Total/NA	Solid	8015NM Prep	
890-2376-19	B-19	Total/NA	Solid	8015NM Prep	
890-2376-20	B-20	Total/NA	Solid	8015NM Prep	
MB 880-26969/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-26969/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-26969/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2376-1 MS	B-1	Total/NA	Solid	8015NM Prep	
890-2376-1 MSD	B-1	Total/NA	Solid	8015NM Prep	

Prep Batch: 26970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-21	B-21	Total/NA	Solid	8015NM Prep	
890-2376-22	B-22	Total/NA	Solid	8015NM Prep	
890-2376-23	B-23	Total/NA	Solid	8015NM Prep	
890-2376-24	B-24	Total/NA	Solid	8015NM Prep	
890-2376-25	B-25	Total/NA	Solid	8015NM Prep	
890-2376-26	B-26	Total/NA	Solid	8015NM Prep	
890-2376-27	B-27	Total/NA	Solid	8015NM Prep	
890-2376-28	B-28	Total/NA	Solid	8015NM Prep	
890-2376-29	B-29	Total/NA	Solid	8015NM Prep	
890-2376-30	B-30	Total/NA	Solid	8015NM Prep	
890-2376-31	B-31	Total/NA	Solid	8015NM Prep	
890-2376-32	B-32	Total/NA	Solid	8015NM Prep	
890-2376-33	B-33	Total/NA	Solid	8015NM Prep	
890-2376-34	B-34	Total/NA	Solid	8015NM Prep	
890-2376-35	B-35	Total/NA	Solid	8015NM Prep	
890-2376-36	B-36	Total/NA	Solid	8015NM Prep	
890-2376-37	B-37	Total/NA	Solid	8015NM Prep	
890-2376-38	B-38	Total/NA	Solid	8015NM Prep	
890-2376-39	B-39	Total/NA	Solid	8015NM Prep	
890-2376-40	B-40	Total/NA	Solid	8015NM Prep	
MB 880-26970/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-26970/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-26970/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2376-21 MS	B-21	Total/NA	Solid	8015NM Prep	
890-2376-21 MSD	B-21	Total/NA	Solid	8015NM Prep	

Prep Batch: 26989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-41	B-41	Total/NA	Solid	8015NM Prep	
890-2376-42	B-42	Total/NA	Solid	8015NM Prep	
890-2376-43	B-43	Total/NA	Solid	8015NM Prep	
890-2376-44	B-44	Total/NA	Solid	8015NM Prep	
890-2376-45	B-45	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

GC Semi VOA (Continued)

Prep Batch: 26989 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-46	B-46	Total/NA	Solid	8015NM Prep	
890-2376-47	B-47	Total/NA	Solid	8015NM Prep	
890-2376-48	B-48	Total/NA	Solid	8015NM Prep	
890-2376-49	B-49	Total/NA	Solid	8015NM Prep	
890-2376-50	B-50	Total/NA	Solid	8015NM Prep	
890-2376-51	B-51	Total/NA	Solid	8015NM Prep	
890-2376-52	B-52	Total/NA	Solid	8015NM Prep	
890-2376-53	B-53	Total/NA	Solid	8015NM Prep	
890-2376-54	B-54	Total/NA	Solid	8015NM Prep	
890-2376-55	B-55	Total/NA	Solid	8015NM Prep	
890-2376-56	B-56	Total/NA	Solid	8015NM Prep	
890-2376-57	B-57	Total/NA	Solid	8015NM Prep	
890-2376-58	B-58	Total/NA	Solid	8015NM Prep	
890-2376-59	B-59	Total/NA	Solid	8015NM Prep	
890-2376-60	B-60	Total/NA	Solid	8015NM Prep	
MB 880-26989/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-26989/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-26989/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2376-41 MS	B-41	Total/NA	Solid	8015NM Prep	
890-2376-41 MSD	B-41	Total/NA	Solid	8015NM Prep	

Prep Batch: 26998

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-61	B-61	Total/NA	Solid	8015NM Prep	
890-2376-62	B-62	Total/NA	Solid	8015NM Prep	
890-2376-63	B-63	Total/NA	Solid	8015NM Prep	
890-2376-64	B-64	Total/NA	Solid	8015NM Prep	
890-2376-65	B-65	Total/NA	Solid	8015NM Prep	
890-2376-66	B-66	Total/NA	Solid	8015NM Prep	
890-2376-67	B-67	Total/NA	Solid	8015NM Prep	
890-2376-68	B-68	Total/NA	Solid	8015NM Prep	
890-2376-69	B-69	Total/NA	Solid	8015NM Prep	
890-2376-70	B-70	Total/NA	Solid	8015NM Prep	
890-2376-71	B-71	Total/NA	Solid	8015NM Prep	
890-2376-72	B-72	Total/NA	Solid	8015NM Prep	
890-2376-73	B-73	Total/NA	Solid	8015NM Prep	
890-2376-74	B-74	Total/NA	Solid	8015NM Prep	
890-2376-75	B-75	Total/NA	Solid	8015NM Prep	
890-2376-76	B-76	Total/NA	Solid	8015NM Prep	
890-2376-77	B-77	Total/NA	Solid	8015NM Prep	
890-2376-78	B-78	Total/NA	Solid	8015NM Prep	
890-2376-79	B-79	Total/NA	Solid	8015NM Prep	
890-2376-80	B-80	Total/NA	Solid	8015NM Prep	
MB 880-26998/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-26998/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-26998/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2376-61 MS	B-61	Total/NA	Solid	8015NM Prep	
890-2376-61 MSD	B-61	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

GC Semi VOA

Prep Batch: 26999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-81	B-81	Total/NA	Solid	8015NM Prep	
890-2376-82	B-82	Total/NA	Solid	8015NM Prep	
890-2376-83	B-83	Total/NA	Solid	8015NM Prep	
890-2376-84	B-84	Total/NA	Solid	8015NM Prep	
890-2376-85	B-85	Total/NA	Solid	8015NM Prep	
890-2376-86	B-86	Total/NA	Solid	8015NM Prep	
890-2376-87	B-87	Total/NA	Solid	8015NM Prep	
890-2376-88	B-88	Total/NA	Solid	8015NM Prep	
890-2376-89	B-89	Total/NA	Solid	8015NM Prep	
890-2376-90	B-90	Total/NA	Solid	8015NM Prep	
890-2376-91	B-91	Total/NA	Solid	8015NM Prep	
890-2376-92	B-92	Total/NA	Solid	8015NM Prep	
890-2376-93	B-93	Total/NA	Solid	8015NM Prep	
890-2376-94	B-94	Total/NA	Solid	8015NM Prep	
890-2376-95	B-95	Total/NA	Solid	8015NM Prep	
890-2376-96	B-96	Total/NA	Solid	8015NM Prep	
890-2376-97	B-97	Total/NA	Solid	8015NM Prep	
890-2376-98	B-98	Total/NA	Solid	8015NM Prep	
890-2376-99	B-99	Total/NA	Solid	8015NM Prep	
890-2376-100	B-100	Total/NA	Solid	8015NM Prep	
MB 880-26999/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-26999/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-26999/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2376-81 MS	B-81	Total/NA	Solid	8015NM Prep	
890-2376-81 MSD	B-81	Total/NA	Solid	8015NM Prep	

Analysis Batch: 27061

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-41	B-41	Total/NA	Solid	8015B NM	26989
890-2376-42	B-42	Total/NA	Solid	8015B NM	26989
890-2376-43	B-43	Total/NA	Solid	8015B NM	26989
890-2376-44	B-44	Total/NA	Solid	8015B NM	26989
890-2376-45	B-45	Total/NA	Solid	8015B NM	26989
890-2376-46	B-46	Total/NA	Solid	8015B NM	26989
890-2376-47	B-47	Total/NA	Solid	8015B NM	26989
890-2376-48	B-48	Total/NA	Solid	8015B NM	26989
890-2376-49	B-49	Total/NA	Solid	8015B NM	26989
890-2376-50	B-50	Total/NA	Solid	8015B NM	26989
890-2376-51	B-51	Total/NA	Solid	8015B NM	26989
890-2376-52	B-52	Total/NA	Solid	8015B NM	26989
890-2376-53	B-53	Total/NA	Solid	8015B NM	26989
890-2376-54	B-54	Total/NA	Solid	8015B NM	26989
890-2376-55	B-55	Total/NA	Solid	8015B NM	26989
890-2376-56	B-56	Total/NA	Solid	8015B NM	26989
890-2376-57	B-57	Total/NA	Solid	8015B NM	26989
890-2376-58	B-58	Total/NA	Solid	8015B NM	26989
890-2376-59	B-59	Total/NA	Solid	8015B NM	26989
890-2376-60	B-60	Total/NA	Solid	8015B NM	26989
MB 880-26989/1-A	Method Blank	Total/NA	Solid	8015B NM	26989
LCS 880-26989/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	26989
LCSD 880-26989/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	26989

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QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

GC Semi VOA (Continued)

Analysis Batch: 27061 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-41 MS	B-41	Total/NA	Solid	8015B NM	26989
890-2376-41 MSD	B-41	Total/NA	Solid	8015B NM	26989

Analysis Batch: 27063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-61	B-61	Total/NA	Solid	8015B NM	26998
890-2376-62	B-62	Total/NA	Solid	8015B NM	26998
890-2376-63	B-63	Total/NA	Solid	8015B NM	26998
890-2376-64	B-64	Total/NA	Solid	8015B NM	26998
890-2376-65	B-65	Total/NA	Solid	8015B NM	26998
890-2376-66	B-66	Total/NA	Solid	8015B NM	26998
890-2376-67	B-67	Total/NA	Solid	8015B NM	26998
890-2376-68	B-68	Total/NA	Solid	8015B NM	26998
890-2376-69	B-69	Total/NA	Solid	8015B NM	26998
890-2376-70	B-70	Total/NA	Solid	8015B NM	26998
890-2376-71	B-71	Total/NA	Solid	8015B NM	26998
890-2376-72	B-72	Total/NA	Solid	8015B NM	26998
890-2376-73	B-73	Total/NA	Solid	8015B NM	26998
890-2376-74	B-74	Total/NA	Solid	8015B NM	26998
890-2376-75	B-75	Total/NA	Solid	8015B NM	26998
890-2376-76	B-76	Total/NA	Solid	8015B NM	26998
890-2376-77	B-77	Total/NA	Solid	8015B NM	26998
890-2376-78	B-78	Total/NA	Solid	8015B NM	26998
890-2376-79	B-79	Total/NA	Solid	8015B NM	26998
890-2376-80	B-80	Total/NA	Solid	8015B NM	26998
MB 880-26998/1-A	Method Blank	Total/NA	Solid	8015B NM	26998
LCS 880-26998/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	26998
LCSD 880-26998/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	26998
890-2376-61 MS	B-61	Total/NA	Solid	8015B NM	26998
890-2376-61 MSD	B-61	Total/NA	Solid	8015B NM	26998

Analysis Batch: 27080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-1	B-1	Total/NA	Solid	8015 NM	
890-2376-2	B-2	Total/NA	Solid	8015 NM	
890-2376-3	B-3	Total/NA	Solid	8015 NM	
890-2376-4	B-4	Total/NA	Solid	8015 NM	
890-2376-5	B-5	Total/NA	Solid	8015 NM	
890-2376-6	B-6	Total/NA	Solid	8015 NM	
890-2376-7	B-7	Total/NA	Solid	8015 NM	
890-2376-8	B-8	Total/NA	Solid	8015 NM	
890-2376-9	B-9	Total/NA	Solid	8015 NM	
890-2376-10	B-10	Total/NA	Solid	8015 NM	
890-2376-11	B-11	Total/NA	Solid	8015 NM	
890-2376-12	B-12	Total/NA	Solid	8015 NM	
890-2376-13	B-13	Total/NA	Solid	8015 NM	
890-2376-14	B-14	Total/NA	Solid	8015 NM	
890-2376-15	B-15	Total/NA	Solid	8015 NM	
890-2376-16	B-16	Total/NA	Solid	8015 NM	
890-2376-17	B-17	Total/NA	Solid	8015 NM	
890-2376-18	B-18	Total/NA	Solid	8015 NM	

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

GC Semi VOA (Continued)

Analysis Batch: 27080 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-19	B-19	Total/NA	Solid	8015 NM	
890-2376-20	B-20	Total/NA	Solid	8015 NM	
890-2376-21	B-21	Total/NA	Solid	8015 NM	
890-2376-22	B-22	Total/NA	Solid	8015 NM	
890-2376-23	B-23	Total/NA	Solid	8015 NM	
890-2376-24	B-24	Total/NA	Solid	8015 NM	
890-2376-25	B-25	Total/NA	Solid	8015 NM	
890-2376-26	B-26	Total/NA	Solid	8015 NM	
890-2376-27	B-27	Total/NA	Solid	8015 NM	
890-2376-28	B-28	Total/NA	Solid	8015 NM	
890-2376-29	B-29	Total/NA	Solid	8015 NM	
890-2376-30	B-30	Total/NA	Solid	8015 NM	
890-2376-31	B-31	Total/NA	Solid	8015 NM	
890-2376-32	B-32	Total/NA	Solid	8015 NM	
890-2376-33	B-33	Total/NA	Solid	8015 NM	
890-2376-34	B-34	Total/NA	Solid	8015 NM	
890-2376-35	B-35	Total/NA	Solid	8015 NM	
890-2376-36	B-36	Total/NA	Solid	8015 NM	
890-2376-37	B-37	Total/NA	Solid	8015 NM	
890-2376-38	B-38	Total/NA	Solid	8015 NM	
890-2376-39	B-39	Total/NA	Solid	8015 NM	
890-2376-40	B-40	Total/NA	Solid	8015 NM	
890-2376-41	B-41	Total/NA	Solid	8015 NM	
890-2376-42	B-42	Total/NA	Solid	8015 NM	
890-2376-43	B-43	Total/NA	Solid	8015 NM	
890-2376-44	B-44	Total/NA	Solid	8015 NM	
890-2376-45	B-45	Total/NA	Solid	8015 NM	
890-2376-46	B-46	Total/NA	Solid	8015 NM	
890-2376-47	B-47	Total/NA	Solid	8015 NM	
890-2376-48	B-48	Total/NA	Solid	8015 NM	
890-2376-49	B-49	Total/NA	Solid	8015 NM	
890-2376-50	B-50	Total/NA	Solid	8015 NM	
890-2376-51	B-51	Total/NA	Solid	8015 NM	
890-2376-52	B-52	Total/NA	Solid	8015 NM	
890-2376-53	B-53	Total/NA	Solid	8015 NM	
890-2376-54	B-54	Total/NA	Solid	8015 NM	
890-2376-55	B-55	Total/NA	Solid	8015 NM	
890-2376-56	B-56	Total/NA	Solid	8015 NM	
890-2376-57	B-57	Total/NA	Solid	8015 NM	
890-2376-58	B-58	Total/NA	Solid	8015 NM	
890-2376-59	B-59	Total/NA	Solid	8015 NM	
890-2376-60	B-60	Total/NA	Solid	8015 NM	
890-2376-61	B-61	Total/NA	Solid	8015 NM	
890-2376-62	B-62	Total/NA	Solid	8015 NM	
890-2376-63	B-63	Total/NA	Solid	8015 NM	
890-2376-64	B-64	Total/NA	Solid	8015 NM	
890-2376-65	B-65	Total/NA	Solid	8015 NM	
890-2376-66	B-66	Total/NA	Solid	8015 NM	
890-2376-67	B-67	Total/NA	Solid	8015 NM	
890-2376-68	B-68	Total/NA	Solid	8015 NM	
890-2376-69	B-69	Total/NA	Solid	8015 NM	

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
 Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
 SDG: 5198

GC Semi VOA (Continued)

Analysis Batch: 27080 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-70	B-70	Total/NA	Solid	8015 NM	
890-2376-71	B-71	Total/NA	Solid	8015 NM	
890-2376-72	B-72	Total/NA	Solid	8015 NM	
890-2376-73	B-73	Total/NA	Solid	8015 NM	
890-2376-74	B-74	Total/NA	Solid	8015 NM	
890-2376-75	B-75	Total/NA	Solid	8015 NM	
890-2376-76	B-76	Total/NA	Solid	8015 NM	
890-2376-77	B-77	Total/NA	Solid	8015 NM	
890-2376-78	B-78	Total/NA	Solid	8015 NM	
890-2376-79	B-79	Total/NA	Solid	8015 NM	
890-2376-80	B-80	Total/NA	Solid	8015 NM	
890-2376-81	B-81	Total/NA	Solid	8015 NM	
890-2376-82	B-82	Total/NA	Solid	8015 NM	
890-2376-83	B-83	Total/NA	Solid	8015 NM	
890-2376-84	B-84	Total/NA	Solid	8015 NM	
890-2376-85	B-85	Total/NA	Solid	8015 NM	
890-2376-86	B-86	Total/NA	Solid	8015 NM	
890-2376-87	B-87	Total/NA	Solid	8015 NM	
890-2376-88	B-88	Total/NA	Solid	8015 NM	
890-2376-89	B-89	Total/NA	Solid	8015 NM	
890-2376-90	B-90	Total/NA	Solid	8015 NM	
890-2376-91	B-91	Total/NA	Solid	8015 NM	
890-2376-92	B-92	Total/NA	Solid	8015 NM	
890-2376-93	B-93	Total/NA	Solid	8015 NM	
890-2376-94	B-94	Total/NA	Solid	8015 NM	
890-2376-95	B-95	Total/NA	Solid	8015 NM	
890-2376-96	B-96	Total/NA	Solid	8015 NM	
890-2376-97	B-97	Total/NA	Solid	8015 NM	
890-2376-98	B-98	Total/NA	Solid	8015 NM	
890-2376-99	B-99	Total/NA	Solid	8015 NM	
890-2376-100	B-100	Total/NA	Solid	8015 NM	
890-2376-101	B-101	Total/NA	Solid	8015 NM	
890-2376-102	B-102	Total/NA	Solid	8015 NM	
890-2376-103	B-103	Total/NA	Solid	8015 NM	
890-2376-104	B-104	Total/NA	Solid	8015 NM	
890-2376-105	B-105	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 27038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-1	B-1	Soluble	Solid	DI Leach	
MB 880-27038/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27038/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27038/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Leach Batch: 27039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-2	B-2	Soluble	Solid	DI Leach	
890-2376-3	B-3	Soluble	Solid	DI Leach	
890-2376-4	B-4	Soluble	Solid	DI Leach	

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

HPLC/IC (Continued)

Leach Batch: 27039 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-5	B-5	Soluble	Solid	DI Leach	
890-2376-6	B-6	Soluble	Solid	DI Leach	
890-2376-7	B-7	Soluble	Solid	DI Leach	
890-2376-8	B-8	Soluble	Solid	DI Leach	
890-2376-9	B-9	Soluble	Solid	DI Leach	
890-2376-10	B-10	Soluble	Solid	DI Leach	
890-2376-11	B-11	Soluble	Solid	DI Leach	
890-2376-12	B-12	Soluble	Solid	DI Leach	
890-2376-13	B-13	Soluble	Solid	DI Leach	
890-2376-14	B-14	Soluble	Solid	DI Leach	
890-2376-15	B-15	Soluble	Solid	DI Leach	
890-2376-16	B-16	Soluble	Solid	DI Leach	
890-2376-17	B-17	Soluble	Solid	DI Leach	
890-2376-18	B-18	Soluble	Solid	DI Leach	
890-2376-19	B-19	Soluble	Solid	DI Leach	
890-2376-20	B-20	Soluble	Solid	DI Leach	
890-2376-21	B-21	Soluble	Solid	DI Leach	
MB 880-27039/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27039/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27039/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2376-2 MS	B-2	Soluble	Solid	DI Leach	
890-2376-2 MSD	B-2	Soluble	Solid	DI Leach	
890-2376-12 MS	B-12	Soluble	Solid	DI Leach	
890-2376-12 MSD	B-12	Soluble	Solid	DI Leach	

Leach Batch: 27042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-22	B-22	Soluble	Solid	DI Leach	
890-2376-23	B-23	Soluble	Solid	DI Leach	
890-2376-24	B-24	Soluble	Solid	DI Leach	
890-2376-25	B-25	Soluble	Solid	DI Leach	
890-2376-26	B-26	Soluble	Solid	DI Leach	
890-2376-27	B-27	Soluble	Solid	DI Leach	
890-2376-28	B-28	Soluble	Solid	DI Leach	
890-2376-29	B-29	Soluble	Solid	DI Leach	
890-2376-30	B-30	Soluble	Solid	DI Leach	
890-2376-31	B-31	Soluble	Solid	DI Leach	
890-2376-32	B-32	Soluble	Solid	DI Leach	
890-2376-33	B-33	Soluble	Solid	DI Leach	
890-2376-34	B-34	Soluble	Solid	DI Leach	
890-2376-35	B-35	Soluble	Solid	DI Leach	
890-2376-36	B-36	Soluble	Solid	DI Leach	
890-2376-37	B-37	Soluble	Solid	DI Leach	
890-2376-38	B-38	Soluble	Solid	DI Leach	
890-2376-39	B-39	Soluble	Solid	DI Leach	
890-2376-40	B-40	Soluble	Solid	DI Leach	
890-2376-41	B-41	Soluble	Solid	DI Leach	
MB 880-27042/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27042/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27042/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2376-22 MS	B-22	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

HPLC/IC (Continued)

Leach Batch: 27042 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-22 MSD	B-22	Soluble	Solid	DI Leach	
890-2376-32 MS	B-32	Soluble	Solid	DI Leach	
890-2376-32 MSD	B-32	Soluble	Solid	DI Leach	

Leach Batch: 27043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-42	B-42	Soluble	Solid	DI Leach	
890-2376-43	B-43	Soluble	Solid	DI Leach	
890-2376-44	B-44	Soluble	Solid	DI Leach	
890-2376-45	B-45	Soluble	Solid	DI Leach	
890-2376-46	B-46	Soluble	Solid	DI Leach	
890-2376-47	B-47	Soluble	Solid	DI Leach	
890-2376-48	B-48	Soluble	Solid	DI Leach	
890-2376-49	B-49	Soluble	Solid	DI Leach	
890-2376-50	B-50	Soluble	Solid	DI Leach	
890-2376-51	B-51	Soluble	Solid	DI Leach	
890-2376-52	B-52	Soluble	Solid	DI Leach	
890-2376-53	B-53	Soluble	Solid	DI Leach	
890-2376-54	B-54	Soluble	Solid	DI Leach	
890-2376-55	B-55	Soluble	Solid	DI Leach	
890-2376-56	B-56	Soluble	Solid	DI Leach	
890-2376-57	B-57	Soluble	Solid	DI Leach	
890-2376-58	B-58	Soluble	Solid	DI Leach	
890-2376-59	B-59	Soluble	Solid	DI Leach	
890-2376-60	B-60	Soluble	Solid	DI Leach	
890-2376-61	B-61	Soluble	Solid	DI Leach	
MB 880-27043/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27043/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27043/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2376-42 MS	B-42	Soluble	Solid	DI Leach	
890-2376-42 MSD	B-42	Soluble	Solid	DI Leach	
890-2376-52 MS	B-52	Soluble	Solid	DI Leach	
890-2376-52 MSD	B-52	Soluble	Solid	DI Leach	

Leach Batch: 27044

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-62	B-62	Soluble	Solid	DI Leach	
890-2376-63	B-63	Soluble	Solid	DI Leach	
890-2376-64	B-64	Soluble	Solid	DI Leach	
890-2376-65	B-65	Soluble	Solid	DI Leach	
890-2376-66	B-66	Soluble	Solid	DI Leach	
890-2376-67	B-67	Soluble	Solid	DI Leach	
890-2376-68	B-68	Soluble	Solid	DI Leach	
890-2376-69	B-69	Soluble	Solid	DI Leach	
890-2376-70	B-70	Soluble	Solid	DI Leach	
890-2376-71	B-71	Soluble	Solid	DI Leach	
890-2376-72	B-72	Soluble	Solid	DI Leach	
890-2376-73	B-73	Soluble	Solid	DI Leach	
890-2376-74	B-74	Soluble	Solid	DI Leach	
890-2376-75	B-75	Soluble	Solid	DI Leach	
890-2376-76	B-76	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

HPLC/IC (Continued)

Leach Batch: 27044 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-77	B-77	Soluble	Solid	DI Leach	
890-2376-78	B-78	Soluble	Solid	DI Leach	
890-2376-79	B-79	Soluble	Solid	DI Leach	
890-2376-80	B-80	Soluble	Solid	DI Leach	
890-2376-81	B-81	Soluble	Solid	DI Leach	
MB 880-27044/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27044/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27044/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2376-62 MS	B-62	Soluble	Solid	DI Leach	
890-2376-62 MSD	B-62	Soluble	Solid	DI Leach	
890-2376-72 MS	B-72	Soluble	Solid	DI Leach	
890-2376-72 MSD	B-72	Soluble	Solid	DI Leach	

Leach Batch: 27045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-82	B-82	Soluble	Solid	DI Leach	
890-2376-83	B-83	Soluble	Solid	DI Leach	
890-2376-84	B-84	Soluble	Solid	DI Leach	
890-2376-85	B-85	Soluble	Solid	DI Leach	
890-2376-86	B-86	Soluble	Solid	DI Leach	
890-2376-87	B-87	Soluble	Solid	DI Leach	
890-2376-88	B-88	Soluble	Solid	DI Leach	
890-2376-89	B-89	Soluble	Solid	DI Leach	
890-2376-90	B-90	Soluble	Solid	DI Leach	
890-2376-91	B-91	Soluble	Solid	DI Leach	
890-2376-92	B-92	Soluble	Solid	DI Leach	
890-2376-93	B-93	Soluble	Solid	DI Leach	
890-2376-94	B-94	Soluble	Solid	DI Leach	
890-2376-95	B-95	Soluble	Solid	DI Leach	
890-2376-96	B-96	Soluble	Solid	DI Leach	
890-2376-97	B-97	Soluble	Solid	DI Leach	
890-2376-98	B-98	Soluble	Solid	DI Leach	
890-2376-99	B-99	Soluble	Solid	DI Leach	
890-2376-100	B-100	Soluble	Solid	DI Leach	
890-2376-101	B-101	Soluble	Solid	DI Leach	
MB 880-27045/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27045/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27045/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2376-82 MS	B-82	Soluble	Solid	DI Leach	
890-2376-82 MSD	B-82	Soluble	Solid	DI Leach	
890-2376-92 MS	B-92	Soluble	Solid	DI Leach	
890-2376-92 MSD	B-92	Soluble	Solid	DI Leach	

Leach Batch: 27173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-102	B-102	Soluble	Solid	DI Leach	
890-2376-103	B-103	Soluble	Solid	DI Leach	
890-2376-104	B-104	Soluble	Solid	DI Leach	
890-2376-105	B-105	Soluble	Solid	DI Leach	
MB 880-27173/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27173/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

HPLC/IC (Continued)

Leach Batch: 27173 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-27173/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 27303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-1	B-1	Soluble	Solid	300.0	27038
MB 880-27038/1-A	Method Blank	Soluble	Solid	300.0	27038
LCS 880-27038/2-A	Lab Control Sample	Soluble	Solid	300.0	27038
LCSD 880-27038/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27038

Analysis Batch: 27310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-102	B-102	Soluble	Solid	300.0	27173
890-2376-103	B-103	Soluble	Solid	300.0	27173
890-2376-104	B-104	Soluble	Solid	300.0	27173
890-2376-105	B-105	Soluble	Solid	300.0	27173
MB 880-27173/1-A	Method Blank	Soluble	Solid	300.0	27173
LCS 880-27173/2-A	Lab Control Sample	Soluble	Solid	300.0	27173
LCSD 880-27173/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27173

Analysis Batch: 27621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-42	B-42	Soluble	Solid	300.0	27043
890-2376-43	B-43	Soluble	Solid	300.0	27043
890-2376-44	B-44	Soluble	Solid	300.0	27043
890-2376-45	B-45	Soluble	Solid	300.0	27043
890-2376-46	B-46	Soluble	Solid	300.0	27043
890-2376-47	B-47	Soluble	Solid	300.0	27043
890-2376-48	B-48	Soluble	Solid	300.0	27043
890-2376-49	B-49	Soluble	Solid	300.0	27043
890-2376-50	B-50	Soluble	Solid	300.0	27043
890-2376-51	B-51	Soluble	Solid	300.0	27043
890-2376-52	B-52	Soluble	Solid	300.0	27043
890-2376-53	B-53	Soluble	Solid	300.0	27043
890-2376-54	B-54	Soluble	Solid	300.0	27043
890-2376-55	B-55	Soluble	Solid	300.0	27043
890-2376-56	B-56	Soluble	Solid	300.0	27043
890-2376-57	B-57	Soluble	Solid	300.0	27043
890-2376-58	B-58	Soluble	Solid	300.0	27043
890-2376-59	B-59	Soluble	Solid	300.0	27043
890-2376-60	B-60	Soluble	Solid	300.0	27043
890-2376-61	B-61	Soluble	Solid	300.0	27043
MB 880-27043/1-A	Method Blank	Soluble	Solid	300.0	27043
LCS 880-27043/2-A	Lab Control Sample	Soluble	Solid	300.0	27043
LCSD 880-27043/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27043
890-2376-42 MS	B-42	Soluble	Solid	300.0	27043
890-2376-42 MSD	B-42	Soluble	Solid	300.0	27043
890-2376-52 MS	B-52	Soluble	Solid	300.0	27043
890-2376-52 MSD	B-52	Soluble	Solid	300.0	27043

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QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

HPLC/IC

Analysis Batch: 27622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-2	B-2	Soluble	Solid	300.0	27039
890-2376-3	B-3	Soluble	Solid	300.0	27039
890-2376-4	B-4	Soluble	Solid	300.0	27039
890-2376-5	B-5	Soluble	Solid	300.0	27039
890-2376-6	B-6	Soluble	Solid	300.0	27039
890-2376-7	B-7	Soluble	Solid	300.0	27039
890-2376-8	B-8	Soluble	Solid	300.0	27039
890-2376-9	B-9	Soluble	Solid	300.0	27039
890-2376-10	B-10	Soluble	Solid	300.0	27039
890-2376-11	B-11	Soluble	Solid	300.0	27039
890-2376-12	B-12	Soluble	Solid	300.0	27039
890-2376-13	B-13	Soluble	Solid	300.0	27039
890-2376-14	B-14	Soluble	Solid	300.0	27039
890-2376-15	B-15	Soluble	Solid	300.0	27039
890-2376-16	B-16	Soluble	Solid	300.0	27039
890-2376-17	B-17	Soluble	Solid	300.0	27039
890-2376-18	B-18	Soluble	Solid	300.0	27039
890-2376-19	B-19	Soluble	Solid	300.0	27039
890-2376-20	B-20	Soluble	Solid	300.0	27039
890-2376-21	B-21	Soluble	Solid	300.0	27039
MB 880-27039/1-A	Method Blank	Soluble	Solid	300.0	27039
LCS 880-27039/2-A	Lab Control Sample	Soluble	Solid	300.0	27039
LCSD 880-27039/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27039
890-2376-2 MS	B-2	Soluble	Solid	300.0	27039
890-2376-2 MSD	B-2	Soluble	Solid	300.0	27039
890-2376-12 MS	B-12	Soluble	Solid	300.0	27039
890-2376-12 MSD	B-12	Soluble	Solid	300.0	27039

Analysis Batch: 27662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-22	B-22	Soluble	Solid	300.0	27042
890-2376-23	B-23	Soluble	Solid	300.0	27042
890-2376-24	B-24	Soluble	Solid	300.0	27042
890-2376-25	B-25	Soluble	Solid	300.0	27042
890-2376-26	B-26	Soluble	Solid	300.0	27042
890-2376-27	B-27	Soluble	Solid	300.0	27042
890-2376-28	B-28	Soluble	Solid	300.0	27042
890-2376-29	B-29	Soluble	Solid	300.0	27042
890-2376-30	B-30	Soluble	Solid	300.0	27042
890-2376-31	B-31	Soluble	Solid	300.0	27042
890-2376-32	B-32	Soluble	Solid	300.0	27042
890-2376-33	B-33	Soluble	Solid	300.0	27042
890-2376-34	B-34	Soluble	Solid	300.0	27042
890-2376-35	B-35	Soluble	Solid	300.0	27042
890-2376-36	B-36	Soluble	Solid	300.0	27042
890-2376-37	B-37	Soluble	Solid	300.0	27042
890-2376-38	B-38	Soluble	Solid	300.0	27042
890-2376-39	B-39	Soluble	Solid	300.0	27042
890-2376-40	B-40	Soluble	Solid	300.0	27042
890-2376-41	B-41	Soluble	Solid	300.0	27042
MB 880-27042/1-A	Method Blank	Soluble	Solid	300.0	27042

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QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

HPLC/IC (Continued)

Analysis Batch: 27662 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-27042/2-A	Lab Control Sample	Soluble	Solid	300.0	27042
LCSD 880-27042/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27042
890-2376-22 MS	B-22	Soluble	Solid	300.0	27042
890-2376-22 MSD	B-22	Soluble	Solid	300.0	27042
890-2376-32 MS	B-32	Soluble	Solid	300.0	27042
890-2376-32 MSD	B-32	Soluble	Solid	300.0	27042

Analysis Batch: 27663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-62	B-62	Soluble	Solid	300.0	27044
890-2376-63	B-63	Soluble	Solid	300.0	27044
890-2376-64	B-64	Soluble	Solid	300.0	27044
890-2376-65	B-65	Soluble	Solid	300.0	27044
890-2376-66	B-66	Soluble	Solid	300.0	27044
890-2376-67	B-67	Soluble	Solid	300.0	27044
890-2376-68	B-68	Soluble	Solid	300.0	27044
890-2376-69	B-69	Soluble	Solid	300.0	27044
890-2376-70	B-70	Soluble	Solid	300.0	27044
890-2376-71	B-71	Soluble	Solid	300.0	27044
890-2376-72	B-72	Soluble	Solid	300.0	27044
890-2376-73	B-73	Soluble	Solid	300.0	27044
890-2376-74	B-74	Soluble	Solid	300.0	27044
890-2376-75	B-75	Soluble	Solid	300.0	27044
890-2376-76	B-76	Soluble	Solid	300.0	27044
890-2376-77	B-77	Soluble	Solid	300.0	27044
890-2376-78	B-78	Soluble	Solid	300.0	27044
890-2376-79	B-79	Soluble	Solid	300.0	27044
890-2376-80	B-80	Soluble	Solid	300.0	27044
890-2376-81	B-81	Soluble	Solid	300.0	27044
MB 880-27044/1-A	Method Blank	Soluble	Solid	300.0	27044
LCS 880-27044/2-A	Lab Control Sample	Soluble	Solid	300.0	27044
LCSD 880-27044/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27044
890-2376-62 MS	B-62	Soluble	Solid	300.0	27044
890-2376-62 MSD	B-62	Soluble	Solid	300.0	27044
890-2376-72 MS	B-72	Soluble	Solid	300.0	27044
890-2376-72 MSD	B-72	Soluble	Solid	300.0	27044

Analysis Batch: 27727

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-82	B-82	Soluble	Solid	300.0	27045
890-2376-83	B-83	Soluble	Solid	300.0	27045
890-2376-84	B-84	Soluble	Solid	300.0	27045
890-2376-85	B-85	Soluble	Solid	300.0	27045
890-2376-86	B-86	Soluble	Solid	300.0	27045
890-2376-87	B-87	Soluble	Solid	300.0	27045
890-2376-88	B-88	Soluble	Solid	300.0	27045
890-2376-89	B-89	Soluble	Solid	300.0	27045
890-2376-90	B-90	Soluble	Solid	300.0	27045
890-2376-91	B-91	Soluble	Solid	300.0	27045
890-2376-92	B-92	Soluble	Solid	300.0	27045
890-2376-93	B-93	Soluble	Solid	300.0	27045

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QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

HPLC/IC (Continued)

Analysis Batch: 27727 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2376-94	B-94	Soluble	Solid	300.0	27045
890-2376-95	B-95	Soluble	Solid	300.0	27045
890-2376-96	B-96	Soluble	Solid	300.0	27045
890-2376-97	B-97	Soluble	Solid	300.0	27045
890-2376-98	B-98	Soluble	Solid	300.0	27045
890-2376-99	B-99	Soluble	Solid	300.0	27045
890-2376-100	B-100	Soluble	Solid	300.0	27045
890-2376-101	B-101	Soluble	Solid	300.0	27045
MB 880-27045/1-A	Method Blank	Soluble	Solid	300.0	27045
LCS 880-27045/2-A	Lab Control Sample	Soluble	Solid	300.0	27045
LCSD 880-27045/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27045
890-2376-82 MS	B-82	Soluble	Solid	300.0	27045
890-2376-82 MSD	B-82	Soluble	Solid	300.0	27045
890-2376-92 MS	B-92	Soluble	Solid	300.0	27045
890-2376-92 MSD	B-92	Soluble	Solid	300.0	27045

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-1

Lab Sample ID: 890-2376-1

Date Collected: 06/04/22 08:48

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	27023	06/07/22 15:47	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/08/22 17:12	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26969	06/07/22 08:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26957	06/07/22 22:09	SM	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	27038	06/07/22 16:18	SC	XEN MID
Soluble	Analysis	300.0		1			27303	06/10/22 15:35	CH	XEN MID

Client Sample ID: B-2

Lab Sample ID: 890-2376-2

Date Collected: 06/04/22 08:50

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	27023	06/07/22 15:47	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/08/22 17:33	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26969	06/07/22 08:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26957	06/07/22 23:12	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	27039	06/07/22 16:21	SC	XEN MID
Soluble	Analysis	300.0		1			27622	06/16/22 01:50	CH	XEN MID

Client Sample ID: B-3

Lab Sample ID: 890-2376-3

Date Collected: 06/04/22 08:52

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27023	06/07/22 15:47	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/08/22 17:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26969	06/07/22 08:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26957	06/07/22 23:33	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27039	06/07/22 16:21	SC	XEN MID
Soluble	Analysis	300.0		1			27622	06/16/22 02:18	CH	XEN MID

Client Sample ID: B-4

Lab Sample ID: 890-2376-4

Date Collected: 06/04/22 08:53

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	27023	06/07/22 15:47	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/08/22 18:14	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-4

Date Collected: 06/04/22 08:53

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26969	06/07/22 08:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26957	06/07/22 23:54	SM	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	27039	06/07/22 16:21	SC	XEN MID
Soluble	Analysis	300.0		1			27622	06/16/22 02:27	CH	XEN MID

Client Sample ID: B-5

Date Collected: 06/04/22 08:54

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	27023	06/07/22 15:47	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/08/22 18:34	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26969	06/07/22 08:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26957	06/08/22 00:15	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27039	06/07/22 16:21	SC	XEN MID
Soluble	Analysis	300.0		1			27622	06/16/22 02:36	CH	XEN MID

Client Sample ID: B-6

Date Collected: 06/04/22 08:56

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	27023	06/07/22 15:47	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/08/22 18:55	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	26969	06/07/22 08:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26957	06/08/22 00:37	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27039	06/07/22 16:21	SC	XEN MID
Soluble	Analysis	300.0		1			27622	06/16/22 02:45	CH	XEN MID

Client Sample ID: B-7

Date Collected: 06/04/22 08:58

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	27023	06/07/22 15:47	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/08/22 19:15	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26969	06/07/22 08:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26957	06/08/22 00:58	SM	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-7

Date Collected: 06/04/22 08:58

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	27039	06/07/22 16:21	SC	XEN MID
Soluble	Analysis	300.0		1			27622	06/16/22 03:13	CH	XEN MID

Client Sample ID: B-8

Date Collected: 06/04/22 09:00

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	27023	06/07/22 15:47	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/08/22 19:36	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26969	06/07/22 08:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26957	06/08/22 01:19	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27039	06/07/22 16:21	SC	XEN MID
Soluble	Analysis	300.0		1			27622	06/16/22 03:22	CH	XEN MID

Client Sample ID: B-9

Date Collected: 06/04/22 09:02

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	27023	06/07/22 15:47	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/08/22 19:56	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	26969	06/07/22 08:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26957	06/08/22 01:40	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27039	06/07/22 16:21	SC	XEN MID
Soluble	Analysis	300.0		1			27622	06/16/22 03:31	CH	XEN MID

Client Sample ID: B-10

Date Collected: 06/04/22 09:04

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27023	06/07/22 15:47	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/08/22 20:17	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26969	06/07/22 08:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26957	06/08/22 02:01	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	27039	06/07/22 16:21	SC	XEN MID
Soluble	Analysis	300.0		1			27622	06/16/22 03:41	CH	XEN MID

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Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-11

Lab Sample ID: 890-2376-11

Date Collected: 06/04/22 09:06

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	27023	06/07/22 15:47	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/08/22 22:07	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26969	06/07/22 08:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26957	06/08/22 02:43	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27039	06/07/22 16:21	SC	XEN MID
Soluble	Analysis	300.0		1			27622	06/16/22 03:50	CH	XEN MID

Client Sample ID: B-12

Lab Sample ID: 890-2376-12

Date Collected: 06/04/22 09:08

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	27023	06/07/22 15:47	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/08/22 22:28	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	26969	06/07/22 08:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26957	06/08/22 03:04	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27039	06/07/22 16:21	SC	XEN MID
Soluble	Analysis	300.0		1			27622	06/16/22 03:59	CH	XEN MID

Client Sample ID: B-13

Lab Sample ID: 890-2376-13

Date Collected: 06/04/22 09:10

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	27023	06/07/22 15:47	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/08/22 22:48	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26969	06/07/22 08:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26957	06/08/22 03:25	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27039	06/07/22 16:21	SC	XEN MID
Soluble	Analysis	300.0		1			27622	06/16/22 04:27	CH	XEN MID

Client Sample ID: B-14

Lab Sample ID: 890-2376-14

Date Collected: 06/04/22 09:12

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	27023	06/07/22 15:47	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/08/22 23:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID

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Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-14

Date Collected: 06/04/22 09:12

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26969	06/07/22 08:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26957	06/08/22 03:46	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27039	06/07/22 16:21	SC	XEN MID
Soluble	Analysis	300.0		1			27622	06/16/22 04:36	CH	XEN MID

Client Sample ID: B-15

Date Collected: 06/04/22 09:14

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	27023	06/07/22 15:47	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/08/22 23:29	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26969	06/07/22 08:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26957	06/08/22 04:07	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27039	06/07/22 16:21	SC	XEN MID
Soluble	Analysis	300.0		1			27622	06/16/22 05:03	CH	XEN MID

Client Sample ID: B-16

Date Collected: 06/04/22 09:15

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	27023	06/07/22 15:47	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/08/22 23:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26969	06/07/22 08:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26957	06/08/22 04:28	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	27039	06/07/22 16:21	SC	XEN MID
Soluble	Analysis	300.0		1			27622	06/16/22 05:13	CH	XEN MID

Client Sample ID: B-17

Date Collected: 06/04/22 09:17

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	27023	06/07/22 15:47	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/09/22 00:10	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	26969	06/07/22 08:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26957	06/08/22 04:49	SM	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-17

Lab Sample ID: 890-2376-17

Date Collected: 06/04/22 09:17

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	27039	06/07/22 16:21	SC	XEN MID
Soluble	Analysis	300.0		1			27622	06/16/22 05:22	CH	XEN MID

Client Sample ID: B-18

Lab Sample ID: 890-2376-18

Date Collected: 06/04/22 09:19

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	27023	06/07/22 15:47	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/09/22 00:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	26969	06/07/22 08:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26957	06/08/22 05:10	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	27039	06/07/22 16:21	SC	XEN MID
Soluble	Analysis	300.0		1			27622	06/16/22 05:31	CH	XEN MID

Client Sample ID: B-19

Lab Sample ID: 890-2376-19

Date Collected: 06/04/22 09:21

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	27023	06/07/22 15:47	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/09/22 00:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	26969	06/07/22 08:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26957	06/08/22 05:31	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27039	06/07/22 16:21	SC	XEN MID
Soluble	Analysis	300.0		1			27622	06/16/22 05:40	CH	XEN MID

Client Sample ID: B-20

Lab Sample ID: 890-2376-20

Date Collected: 06/04/22 09:23

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	27023	06/07/22 15:47	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/09/22 01:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26969	06/07/22 08:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26957	06/08/22 05:52	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27039	06/07/22 16:21	SC	XEN MID
Soluble	Analysis	300.0		1			27622	06/16/22 05:50	CH	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-21

Date Collected: 06/04/22 09:25

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	27025	06/07/22 15:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/09/22 04:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26970	06/07/22 08:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26959	06/07/22 22:09	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27039	06/07/22 16:21	SC	XEN MID
Soluble	Analysis	300.0		1			27622	06/16/22 05:59	CH	XEN MID

Client Sample ID: B-22

Date Collected: 06/04/22 09:27

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-22

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	27025	06/07/22 15:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/09/22 05:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26970	06/07/22 08:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26959	06/07/22 23:12	SM	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	27042	06/07/22 16:24	SC	XEN MID
Soluble	Analysis	300.0		1			27662	06/15/22 17:51	CH	XEN MID

Client Sample ID: B-23

Date Collected: 06/04/22 09:29

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-23

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	27025	06/07/22 15:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/09/22 05:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26970	06/07/22 08:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26959	06/07/22 23:33	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27042	06/07/22 16:24	SC	XEN MID
Soluble	Analysis	300.0		1			27662	06/15/22 18:10	CH	XEN MID

Client Sample ID: B-24

Date Collected: 06/04/22 09:31

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-24

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27025	06/07/22 15:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/09/22 05:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-24

Date Collected: 06/04/22 09:31

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-24

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26970	06/07/22 08:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26959	06/07/22 23:54	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27042	06/07/22 16:24	SC	XEN MID
Soluble	Analysis	300.0		1			27662	06/15/22 18:16	CH	XEN MID

Client Sample ID: B-25

Date Collected: 06/04/22 09:33

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-25

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	27025	06/07/22 15:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/09/22 06:10	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26970	06/07/22 08:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26959	06/08/22 00:15	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27042	06/07/22 16:24	SC	XEN MID
Soluble	Analysis	300.0		1			27662	06/15/22 18:23	CH	XEN MID

Client Sample ID: B-26

Date Collected: 06/04/22 09:35

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-26

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	27025	06/07/22 15:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/09/22 06:31	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	26970	06/07/22 08:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26959	06/08/22 00:37	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	27042	06/07/22 16:24	SC	XEN MID
Soluble	Analysis	300.0		1			27662	06/15/22 18:29	CH	XEN MID

Client Sample ID: B-27

Date Collected: 06/04/22 09:37

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	27025	06/07/22 15:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/09/22 06:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26970	06/07/22 08:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26959	06/08/22 00:58	SM	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-27

Date Collected: 06/04/22 09:37

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	27042	06/07/22 16:24	SC	XEN MID
Soluble	Analysis	300.0		1			27662	06/15/22 18:48	CH	XEN MID

Client Sample ID: B-28

Date Collected: 06/04/22 09:39

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-28

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27025	06/07/22 15:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/09/22 07:12	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26970	06/07/22 08:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26959	06/08/22 01:19	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27042	06/07/22 16:24	SC	XEN MID
Soluble	Analysis	300.0		1			27662	06/15/22 18:54	CH	XEN MID

Client Sample ID: B-29

Date Collected: 06/04/22 09:41

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-29

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	27025	06/07/22 15:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/09/22 07:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	26970	06/07/22 08:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26959	06/08/22 01:40	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27042	06/07/22 16:24	SC	XEN MID
Soluble	Analysis	300.0		1			27662	06/15/22 19:01	CH	XEN MID

Client Sample ID: B-30

Date Collected: 06/04/22 09:43

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-30

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	27025	06/07/22 15:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/09/22 07:52	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	26970	06/07/22 08:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26959	06/08/22 02:01	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	27042	06/07/22 16:24	SC	XEN MID
Soluble	Analysis	300.0		1			27662	06/15/22 19:07	CH	XEN MID

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Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-31

Lab Sample ID: 890-2376-31

Date Collected: 06/04/22 09:45

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	27025	06/07/22 15:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/09/22 09:43	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26970	06/07/22 08:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26959	06/08/22 02:43	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27042	06/07/22 16:24	SC	XEN MID
Soluble	Analysis	300.0		1			27662	06/15/22 19:13	CH	XEN MID

Client Sample ID: B-32

Lab Sample ID: 890-2376-32

Date Collected: 06/04/22 09:47

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	27025	06/07/22 15:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/09/22 10:03	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26970	06/07/22 08:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26959	06/08/22 03:04	SM	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	27042	06/07/22 16:24	SC	XEN MID
Soluble	Analysis	300.0		1			27662	06/15/22 19:19	CH	XEN MID

Client Sample ID: B-33

Lab Sample ID: 890-2376-33

Date Collected: 06/04/22 09:49

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	27025	06/07/22 15:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/09/22 10:24	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26970	06/07/22 08:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26959	06/08/22 03:25	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27042	06/07/22 16:24	SC	XEN MID
Soluble	Analysis	300.0		1			27662	06/15/22 19:38	CH	XEN MID

Client Sample ID: B-34

Lab Sample ID: 890-2376-34

Date Collected: 06/04/22 09:51

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27025	06/07/22 15:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/09/22 10:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID

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Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-34

Date Collected: 06/04/22 09:51

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-34

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	26970	06/07/22 08:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26959	06/08/22 03:46	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27042	06/07/22 16:24	SC	XEN MID
Soluble	Analysis	300.0		1			27662	06/15/22 19:45	CH	XEN MID

Client Sample ID: B-35

Date Collected: 06/04/22 09:53

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-35

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	27025	06/07/22 15:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/09/22 11:04	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26970	06/07/22 08:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26959	06/08/22 04:07	SM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	27042	06/07/22 16:24	SC	XEN MID
Soluble	Analysis	300.0		1			27662	06/15/22 20:04	CH	XEN MID

Client Sample ID: B-36

Date Collected: 06/04/22 10:09

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-36

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	27025	06/07/22 15:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/09/22 11:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26970	06/07/22 08:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26959	06/08/22 04:28	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	27042	06/07/22 16:24	SC	XEN MID
Soluble	Analysis	300.0		1			27662	06/15/22 20:10	CH	XEN MID

Client Sample ID: B-37

Date Collected: 06/04/22 10:11

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-37

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	27025	06/07/22 15:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/09/22 11:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26970	06/07/22 08:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26959	06/08/22 04:49	SM	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-37

Date Collected: 06/04/22 10:11

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-37

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	27042	06/07/22 16:24	SC	XEN MID
Soluble	Analysis	300.0		1			27662	06/15/22 20:16	CH	XEN MID

Client Sample ID: B-38

Date Collected: 06/04/22 10:13

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-38

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	27025	06/07/22 15:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/09/22 12:06	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	26970	06/07/22 08:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26959	06/08/22 05:10	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27042	06/07/22 16:24	SC	XEN MID
Soluble	Analysis	300.0		1			27662	06/15/22 20:22	CH	XEN MID

Client Sample ID: B-39

Date Collected: 06/04/22 10:15

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-39

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	27025	06/07/22 15:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/09/22 12:26	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26970	06/07/22 08:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26959	06/08/22 05:31	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27042	06/07/22 16:24	SC	XEN MID
Soluble	Analysis	300.0		1			27662	06/15/22 20:29	CH	XEN MID

Client Sample ID: B-40

Date Collected: 06/04/22 10:17

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-40

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27025	06/07/22 15:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27093	06/09/22 12:46	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	26970	06/07/22 08:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26959	06/08/22 05:52	SM	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	27042	06/07/22 16:24	SC	XEN MID
Soluble	Analysis	300.0		1			27662	06/15/22 20:35	CH	XEN MID

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Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-41

Lab Sample ID: 890-2376-41

Date Collected: 06/04/22 10:20

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	27028	06/07/22 15:57	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27130	06/09/22 13:48	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26989	06/07/22 09:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27061	06/08/22 11:08	SM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	27042	06/07/22 16:24	SC	XEN MID
Soluble	Analysis	300.0		1			27662	06/15/22 20:41	CH	XEN MID

Client Sample ID: B-42

Lab Sample ID: 890-2376-42

Date Collected: 06/04/22 10:23

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	27028	06/07/22 15:57	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27130	06/09/22 14:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26989	06/07/22 09:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27061	06/08/22 12:13	SM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	27043	06/07/22 16:26	SC	XEN MID
Soluble	Analysis	300.0		1			27621	06/16/22 15:45	CH	XEN MID

Client Sample ID: B-43

Lab Sample ID: 890-2376-43

Date Collected: 06/04/22 10:25

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27028	06/07/22 15:57	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27130	06/09/22 14:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26989	06/07/22 09:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27061	06/08/22 12:35	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27043	06/07/22 16:26	SC	XEN MID
Soluble	Analysis	300.0		1			27621	06/16/22 16:08	CH	XEN MID

Client Sample ID: B-44

Lab Sample ID: 890-2376-44

Date Collected: 06/04/22 10:27

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	27028	06/07/22 15:57	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27130	06/09/22 14:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-44

Lab Sample ID: 890-2376-44

Date Collected: 06/04/22 10:27

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26989	06/07/22 09:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27061	06/08/22 12:57	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27043	06/07/22 16:26	SC	XEN MID
Soluble	Analysis	300.0		1			27621	06/16/22 16:16	CH	XEN MID

Client Sample ID: B-45

Lab Sample ID: 890-2376-45

Date Collected: 06/04/22 10:30

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	27028	06/07/22 15:57	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27130	06/09/22 15:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26989	06/07/22 09:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27061	06/08/22 13:18	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27043	06/07/22 16:26	SC	XEN MID
Soluble	Analysis	300.0		1			27621	06/16/22 16:24	CH	XEN MID

Client Sample ID: B-46

Lab Sample ID: 890-2376-46

Date Collected: 06/04/22 10:32

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	27028	06/07/22 15:57	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27130	06/09/22 15:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	26989	06/07/22 09:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27061	06/08/22 13:40	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27043	06/07/22 16:26	SC	XEN MID
Soluble	Analysis	300.0		1			27621	06/16/22 16:32	CH	XEN MID

Client Sample ID: B-47

Lab Sample ID: 890-2376-47

Date Collected: 06/04/22 10:34

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	27028	06/07/22 15:57	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27130	06/09/22 15:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26989	06/07/22 09:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27061	06/08/22 14:02	SM	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-47

Date Collected: 06/04/22 10:34

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-47

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	27043	06/07/22 16:26	SC	XEN MID
Soluble	Analysis	300.0		1			27621	06/16/22 16:56	CH	XEN MID

Client Sample ID: B-48

Date Collected: 06/04/22 10:37

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-48

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	27028	06/07/22 15:57	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27130	06/09/22 16:13	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26989	06/07/22 09:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27061	06/08/22 14:24	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27043	06/07/22 16:26	SC	XEN MID
Soluble	Analysis	300.0		1			27621	06/16/22 17:03	CH	XEN MID

Client Sample ID: B-49

Date Collected: 06/04/22 10:39

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-49

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	27028	06/07/22 15:57	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27130	06/09/22 16:34	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	26989	06/07/22 09:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27061	06/08/22 14:46	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	27043	06/07/22 16:26	SC	XEN MID
Soluble	Analysis	300.0		1			27621	06/16/22 17:11	CH	XEN MID

Client Sample ID: B-50

Date Collected: 06/04/22 10:42

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-50

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27028	06/07/22 15:57	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27130	06/09/22 16:55	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	26989	06/07/22 09:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27061	06/08/22 15:08	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27043	06/07/22 16:26	SC	XEN MID
Soluble	Analysis	300.0		1			27621	06/16/22 17:19	CH	XEN MID

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Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-51

Lab Sample ID: 890-2376-51

Date Collected: 06/04/22 10:45

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27174	06/10/22 08:05	EL	XEN MID
Total/NA	Analysis	8021B		1			27243	06/10/22 18:26	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26989	06/07/22 09:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27061	06/08/22 15:54	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27043	06/07/22 16:26	SC	XEN MID
Soluble	Analysis	300.0		1			27621	06/16/22 17:27	CH	XEN MID

Client Sample ID: B-52

Lab Sample ID: 890-2376-52

Date Collected: 06/04/22 10:47

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	27174	06/10/22 08:05	EL	XEN MID
Total/NA	Analysis	8021B		1			27243	06/10/22 18:46	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26989	06/07/22 09:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27061	06/08/22 16:38	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27043	06/07/22 16:26	SC	XEN MID
Soluble	Analysis	300.0		1			27621	06/16/22 17:35	CH	XEN MID

Client Sample ID: B-53

Lab Sample ID: 890-2376-53

Date Collected: 06/04/22 10:48

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	27174	06/10/22 08:00	EL	XEN MID
Total/NA	Analysis	8021B		1			27243	06/10/22 19:07	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26989	06/07/22 09:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27061	06/08/22 17:00	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27043	06/07/22 16:26	SC	XEN MID
Soluble	Analysis	300.0		1			27621	06/16/22 17:58	CH	XEN MID

Client Sample ID: B-54

Lab Sample ID: 890-2376-54

Date Collected: 06/04/22 10:52

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	27174	06/09/22 08:05	EL	XEN MID
Total/NA	Analysis	8021B		1			27243	06/10/22 19:28	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID

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Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-54

Date Collected: 06/04/22 10:52

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-54

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	26989	06/07/22 09:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27061	06/08/22 17:23	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27043	06/07/22 16:26	SC	XEN MID
Soluble	Analysis	300.0		1			27621	06/16/22 18:06	CH	XEN MID

Client Sample ID: B-55

Date Collected: 06/04/22 10:54

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-55

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	27174	06/10/22 08:05	EL	XEN MID
Total/NA	Analysis	8021B		1			27243	06/10/22 19:48	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26989	06/07/22 09:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27061	06/08/22 17:45	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	27043	06/07/22 16:26	SC	XEN MID
Soluble	Analysis	300.0		1			27621	06/16/22 18:30	CH	XEN MID

Client Sample ID: B-56

Date Collected: 06/04/22 10:57

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-56

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	27259	06/10/22 09:30	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27440	06/14/22 03:48	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26989	06/07/22 09:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27061	06/08/22 18:07	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27043	06/07/22 16:26	SC	XEN MID
Soluble	Analysis	300.0		1			27621	06/16/22 19:18	CH	XEN MID

Client Sample ID: B-57

Date Collected: 06/04/22 10:58

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-57

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	27259	06/10/22 09:30	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27440	06/14/22 04:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26989	06/07/22 09:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27061	06/08/22 18:28	SM	XEN MID

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Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-57

Date Collected: 06/04/22 10:58

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-57

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	27043	06/07/22 16:26	SC	XEN MID
Soluble	Analysis	300.0		1			27621	06/16/22 18:39	CH	XEN MID

Client Sample ID: B-58

Date Collected: 06/04/22 11:27

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-58

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	27259	06/10/22 09:30	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27440	06/14/22 04:29	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	26989	06/07/22 09:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27061	06/08/22 18:50	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27043	06/07/22 16:26	SC	XEN MID
Soluble	Analysis	300.0		1			27621	06/16/22 18:47	CH	XEN MID

Client Sample ID: B-59

Date Collected: 06/04/22 11:30

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-59

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	27259	06/10/22 09:30	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27440	06/14/22 04:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26989	06/07/22 09:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27061	06/08/22 19:12	SM	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	27043	06/07/22 16:26	SC	XEN MID
Soluble	Analysis	300.0		1			27621	06/16/22 18:55	CH	XEN MID

Client Sample ID: B-60

Date Collected: 06/04/22 11:33

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-60

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	27259	06/10/22 09:30	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27440	06/14/22 05:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	26989	06/07/22 09:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27061	06/08/22 19:34	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	27043	06/07/22 16:26	SC	XEN MID
Soluble	Analysis	300.0		1			27621	06/16/22 19:02	CH	XEN MID

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Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-61

Lab Sample ID: 890-2376-61

Date Collected: 06/04/22 11:35

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	27030	06/07/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27136	06/09/22 23:15	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26998	06/07/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27063	06/08/22 11:08	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27043	06/07/22 16:26	SC	XEN MID
Soluble	Analysis	300.0		1			27621	06/16/22 19:10	CH	XEN MID

Client Sample ID: B-62

Lab Sample ID: 890-2376-62

Date Collected: 06/04/22 11:39

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	27030	06/07/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27136	06/09/22 23:35	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26998	06/07/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27063	06/08/22 12:13	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27044	06/07/22 16:31	SC	XEN MID
Soluble	Analysis	300.0		1			27663	06/16/22 07:13	CH	XEN MID

Client Sample ID: B-63

Lab Sample ID: 890-2376-63

Date Collected: 06/04/22 11:41

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27030	06/07/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27136	06/09/22 23:56	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26998	06/07/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27063	06/08/22 12:35	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27044	06/07/22 16:31	SC	XEN MID
Soluble	Analysis	300.0		1			27663	06/16/22 07:40	CH	XEN MID

Client Sample ID: B-64

Lab Sample ID: 890-2376-64

Date Collected: 06/04/22 11:43

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	27030	06/07/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27136	06/10/22 00:16	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-64

Date Collected: 06/04/22 11:43

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-64

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26998	06/07/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27063	06/08/22 12:57	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27044	06/07/22 16:31	SC	XEN MID
Soluble	Analysis	300.0		1			27663	06/16/22 07:49	CH	XEN MID

Client Sample ID: B-65

Date Collected: 06/04/22 11:45

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-65

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27030	06/07/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27136	06/10/22 00:37	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26998	06/07/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27063	06/08/22 13:18	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	27044	06/07/22 16:31	SC	XEN MID
Soluble	Analysis	300.0		1			27663	06/16/22 07:59	CH	XEN MID

Client Sample ID: B-66

Date Collected: 06/04/22 11:47

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-66

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	27030	06/07/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27136	06/10/22 00:57	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	26998	06/07/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27063	06/08/22 13:40	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27044	06/07/22 16:31	SC	XEN MID
Soluble	Analysis	300.0		1			27663	06/16/22 08:08	CH	XEN MID

Client Sample ID: B-67

Date Collected: 06/04/22 11:50

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-67

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	27030	06/07/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27136	06/10/22 01:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26998	06/07/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27063	06/08/22 14:02	SM	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-67

Date Collected: 06/04/22 11:50

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-67

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	27044	06/07/22 16:31	SC	XEN MID
Soluble	Analysis	300.0		1			27663	06/16/22 08:36	CH	XEN MID

Client Sample ID: B-68

Date Collected: 06/04/22 11:52

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-68

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	27030	06/07/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27136	06/10/22 01:39	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26998	06/07/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27063	06/08/22 14:24	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	27044	06/07/22 16:31	SC	XEN MID
Soluble	Analysis	300.0		1			27663	06/16/22 08:45	CH	XEN MID

Client Sample ID: B-69

Date Collected: 06/04/22 11:55

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-69

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	27030	06/07/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27136	06/10/22 01:59	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	26998	06/07/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27063	06/08/22 14:46	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27044	06/07/22 16:31	SC	XEN MID
Soluble	Analysis	300.0		1			27663	06/16/22 08:54	CH	XEN MID

Client Sample ID: B-70

Date Collected: 06/04/22 11:58

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-70

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	27030	06/07/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27136	06/10/22 02:20	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	26998	06/07/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27063	06/08/22 15:08	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27044	06/07/22 16:31	SC	XEN MID
Soluble	Analysis	300.0		1			27663	06/16/22 09:03	CH	XEN MID

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Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-71

Lab Sample ID: 890-2376-71

Date Collected: 06/04/22 12:00

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27030	06/07/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27136	06/10/22 03:42	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26998	06/07/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27063	06/08/22 15:54	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27044	06/07/22 16:31	SC	XEN MID
Soluble	Analysis	300.0		1			27663	06/16/22 09:13	CH	XEN MID

Client Sample ID: B-72

Lab Sample ID: 890-2376-72

Date Collected: 06/04/22 12:02

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	27030	06/07/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27136	06/10/22 04:03	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26998	06/07/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27063	06/08/22 16:38	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27044	06/07/22 16:31	SC	XEN MID
Soluble	Analysis	300.0		1			27663	06/16/22 09:22	CH	XEN MID

Client Sample ID: B-73

Lab Sample ID: 890-2376-73

Date Collected: 06/04/22 12:04

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	27030	06/07/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27136	06/10/22 04:23	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26998	06/07/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27063	06/08/22 17:00	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	27044	06/07/22 16:31	SC	XEN MID
Soluble	Analysis	300.0		1			27663	06/16/22 09:49	CH	XEN MID

Client Sample ID: B-74

Lab Sample ID: 890-2376-74

Date Collected: 06/04/22 12:07

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	27030	06/07/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27136	06/10/22 04:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID

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Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-74

Date Collected: 06/04/22 12:07

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-74

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26998	06/07/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27063	06/08/22 17:23	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27044	06/07/22 16:31	SC	XEN MID
Soluble	Analysis	300.0		1			27663	06/16/22 09:59	CH	XEN MID

Client Sample ID: B-75

Date Collected: 06/04/22 12:09

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-75

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27030	06/07/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27136	06/10/22 05:04	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26998	06/07/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27063	06/08/22 17:45	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27044	06/07/22 16:31	SC	XEN MID
Soluble	Analysis	300.0		1			27663	06/16/22 10:26	CH	XEN MID

Client Sample ID: B-76

Date Collected: 06/04/22 12:11

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-76

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	27030	06/07/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27136	06/10/22 05:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	26998	06/07/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27063	06/08/22 18:07	SM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	27044	06/07/22 16:31	SC	XEN MID
Soluble	Analysis	300.0		1			27663	06/16/22 10:36	CH	XEN MID

Client Sample ID: B-77

Date Collected: 06/04/22 12:14

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-77

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27030	06/07/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27136	06/10/22 05:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26998	06/07/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27063	06/08/22 18:28	SM	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-77

Lab Sample ID: 890-2376-77

Date Collected: 06/04/22 12:14

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	27044	06/07/22 16:31	SC	XEN MID
Soluble	Analysis	300.0		1			27663	06/16/22 10:45	CH	XEN MID

Client Sample ID: B-78

Lab Sample ID: 890-2376-78

Date Collected: 06/04/22 12:15

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	27030	06/07/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27136	06/10/22 06:06	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	26998	06/07/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27063	06/08/22 18:50	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27044	06/07/22 16:31	SC	XEN MID
Soluble	Analysis	300.0		1			27663	06/16/22 10:54	CH	XEN MID

Client Sample ID: B-79

Lab Sample ID: 890-2376-79

Date Collected: 06/04/22 12:19

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	27030	06/07/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27136	06/10/22 06:26	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26998	06/07/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27063	06/08/22 19:12	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27044	06/07/22 16:31	SC	XEN MID
Soluble	Analysis	300.0		1			27663	06/16/22 11:03	CH	XEN MID

Client Sample ID: B-80

Lab Sample ID: 890-2376-80

Date Collected: 06/04/22 12:22

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	27030	06/07/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27136	06/10/22 06:47	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	26998	06/07/22 09:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27063	06/08/22 19:34	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27044	06/07/22 16:31	SC	XEN MID
Soluble	Analysis	300.0		1			27663	06/16/22 11:12	CH	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-81

Lab Sample ID: 890-2376-81

Date Collected: 06/04/22 12:24

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	27033	06/07/22 16:09	MR	XEN MID
Total/NA	Analysis	8021B		1			27241	06/10/22 12:13	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26999	06/07/22 09:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26955	06/07/22 22:12	SM	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	27044	06/07/22 16:31	SC	XEN MID
Soluble	Analysis	300.0		1			27663	06/16/22 11:22	CH	XEN MID

Client Sample ID: B-82

Lab Sample ID: 890-2376-82

Date Collected: 06/04/22 12:25

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	27033	06/07/22 16:09	MR	XEN MID
Total/NA	Analysis	8021B		1			27241	06/10/22 12:39	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26999	06/07/22 09:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26955	06/07/22 23:14	SM	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	27045	06/07/22 16:34	SC	XEN MID
Soluble	Analysis	300.0		1			27727	06/16/22 20:36	CH	XEN MID

Client Sample ID: B-83

Lab Sample ID: 890-2376-83

Date Collected: 06/04/22 12:28

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	27033	06/07/22 16:09	MR	XEN MID
Total/NA	Analysis	8021B		1			27241	06/10/22 13:05	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26999	06/07/22 09:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26955	06/07/22 23:34	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27045	06/07/22 16:34	SC	XEN MID
Soluble	Analysis	300.0		1			27727	06/16/22 21:00	CH	XEN MID

Client Sample ID: B-84

Lab Sample ID: 890-2376-84

Date Collected: 06/04/22 13:00

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	27033	06/07/22 16:09	MR	XEN MID
Total/NA	Analysis	8021B		1			27241	06/10/22 13:31	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-84

Date Collected: 06/04/22 13:00

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-84

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26999	06/07/22 09:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26955	06/07/22 23:54	SM	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	27045	06/07/22 16:34	SC	XEN MID
Soluble	Analysis	300.0		1			27727	06/16/22 21:07	CH	XEN MID

Client Sample ID: B-85

Date Collected: 06/04/22 13:02

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-85

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27033	06/07/22 16:09	MR	XEN MID
Total/NA	Analysis	8021B		1			27241	06/10/22 13:56	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26999	06/07/22 09:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26955	06/08/22 00:15	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	27045	06/07/22 16:34	SC	XEN MID
Soluble	Analysis	300.0		1			27727	06/16/22 21:15	CH	XEN MID

Client Sample ID: B-86

Date Collected: 06/04/22 13:04

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-86

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	27033	06/07/22 16:09	MR	XEN MID
Total/NA	Analysis	8021B		1			27241	06/10/22 14:22	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	26999	06/07/22 09:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26955	06/08/22 00:36	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27045	06/07/22 16:34	SC	XEN MID
Soluble	Analysis	300.0		1			27727	06/16/22 21:23	CH	XEN MID

Client Sample ID: B-87

Date Collected: 06/04/22 13:05

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-87

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	27033	06/07/22 16:09	MR	XEN MID
Total/NA	Analysis	8021B		1			27241	06/10/22 14:48	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26999	06/07/22 09:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26955	06/08/22 00:56	SM	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-87

Lab Sample ID: 890-2376-87

Date Collected: 06/04/22 13:05

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	27045	06/07/22 16:34	SC	XEN MID
Soluble	Analysis	300.0		1			27727	06/16/22 21:47	CH	XEN MID

Client Sample ID: B-88

Lab Sample ID: 890-2376-88

Date Collected: 06/04/22 13:08

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	27033	06/07/22 16:09	MR	XEN MID
Total/NA	Analysis	8021B		1			27241	06/10/22 15:14	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26999	06/07/22 09:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26955	06/08/22 01:17	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27045	06/07/22 16:34	SC	XEN MID
Soluble	Analysis	300.0		1			27727	06/16/22 21:54	CH	XEN MID

Client Sample ID: B-89

Lab Sample ID: 890-2376-89

Date Collected: 06/04/22 13:10

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	27033	06/07/22 16:09	MR	XEN MID
Total/NA	Analysis	8021B		1			27241	06/10/22 15:40	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	26999	06/07/22 09:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26955	06/08/22 01:38	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27045	06/07/22 16:34	SC	XEN MID
Soluble	Analysis	300.0		1			27727	06/16/22 22:02	CH	XEN MID

Client Sample ID: B-90

Lab Sample ID: 890-2376-90

Date Collected: 06/04/22 13:12

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	27033	06/07/22 16:09	MR	XEN MID
Total/NA	Analysis	8021B		1			27241	06/10/22 16:06	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26999	06/07/22 09:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26955	06/08/22 01:58	SM	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	27045	06/07/22 16:34	SC	XEN MID
Soluble	Analysis	300.0		1			27727	06/16/22 22:10	CH	XEN MID

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Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-91

Lab Sample ID: 890-2376-91

Date Collected: 06/04/22 13:14

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27306	06/13/22 16:50	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27440	06/13/22 23:00	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	26999	06/07/22 09:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26955	06/08/22 02:40	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	27045	06/07/22 16:34	SC	XEN MID
Soluble	Analysis	300.0		1			27727	06/16/22 22:18	CH	XEN MID

Client Sample ID: B-92

Lab Sample ID: 890-2376-92

Date Collected: 06/04/22 13:15

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	27033	06/07/22 16:09	MR	XEN MID
Total/NA	Analysis	8021B		1			27241	06/10/22 18:33	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26999	06/07/22 09:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26955	06/08/22 03:00	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27045	06/07/22 16:34	SC	XEN MID
Soluble	Analysis	300.0		1			27727	06/16/22 22:26	CH	XEN MID

Client Sample ID: B-93

Lab Sample ID: 890-2376-93

Date Collected: 06/04/22 13:17

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27033	06/07/22 16:09	MR	XEN MID
Total/NA	Analysis	8021B		1			27241	06/10/22 18:59	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26999	06/07/22 09:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26955	06/08/22 03:21	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27045	06/07/22 16:34	SC	XEN MID
Soluble	Analysis	300.0		1			27727	06/16/22 22:49	CH	XEN MID

Client Sample ID: B-94

Lab Sample ID: 890-2376-94

Date Collected: 06/04/22 13:18

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	27033	06/07/22 16:09	MR	XEN MID
Total/NA	Analysis	8021B		1			27241	06/10/22 19:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID

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Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-94

Date Collected: 06/04/22 13:18

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-94

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26999	06/07/22 09:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26955	06/08/22 03:41	SM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	27045	06/07/22 16:34	SC	XEN MID
Soluble	Analysis	300.0		1			27727	06/16/22 22:57	CH	XEN MID

Client Sample ID: B-95

Date Collected: 06/04/22 13:20

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-95

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	27033	06/07/22 16:09	MR	XEN MID
Total/NA	Analysis	8021B		1			27241	06/10/22 19:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26999	06/07/22 09:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26955	06/08/22 04:01	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27045	06/07/22 16:34	SC	XEN MID
Soluble	Analysis	300.0		1			27727	06/16/22 23:21	CH	XEN MID

Client Sample ID: B-96

Date Collected: 06/04/22 13:22

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-96

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	27033	06/07/22 16:09	MR	XEN MID
Total/NA	Analysis	8021B		1			27241	06/10/22 20:17	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26999	06/07/22 09:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26955	06/08/22 04:22	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27045	06/07/22 16:34	SC	XEN MID
Soluble	Analysis	300.0		1			27727	06/16/22 23:29	CH	XEN MID

Client Sample ID: B-97

Date Collected: 06/04/22 13:24

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-97

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	27033	06/07/22 16:09	MR	XEN MID
Total/NA	Analysis	8021B		1			27241	06/10/22 20:43	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26999	06/07/22 09:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26955	06/08/22 04:42	SM	XEN MID

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Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-97

Date Collected: 06/04/22 13:24

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-97

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	27045	06/07/22 16:34	SC	XEN MID
Soluble	Analysis	300.0		1			27727	06/16/22 23:37	CH	XEN MID

Client Sample ID: B-98

Date Collected: 06/04/22 13:26

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-98

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27033	06/07/22 16:09	MR	XEN MID
Total/NA	Analysis	8021B		1			27241	06/10/22 21:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	26999	06/07/22 09:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26955	06/08/22 05:03	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27045	06/07/22 16:34	SC	XEN MID
Soluble	Analysis	300.0		1			27727	06/16/22 23:44	CH	XEN MID

Client Sample ID: B-99

Date Collected: 06/04/22 13:28

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-99

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	27033	06/07/22 16:09	MR	XEN MID
Total/NA	Analysis	8021B		1			27241	06/10/22 21:35	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26999	06/07/22 09:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26955	06/08/22 05:23	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27045	06/07/22 16:34	SC	XEN MID
Soluble	Analysis	300.0		1			27727	06/16/22 23:52	CH	XEN MID

Client Sample ID: B-100

Date Collected: 06/04/22 13:30

Date Received: 06/06/22 08:05

Lab Sample ID: 890-2376-100

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	27033	06/07/22 16:09	MR	XEN MID
Total/NA	Analysis	8021B		1			27241	06/10/22 22:01	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	26999	06/07/22 09:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26955	06/08/22 05:44	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27045	06/07/22 16:34	SC	XEN MID
Soluble	Analysis	300.0		1			27727	06/17/22 00:00	CH	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-101

Lab Sample ID: 890-2376-101

Date Collected: 06/04/22 13:32

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	27074	06/08/22 10:09	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27073	06/08/22 12:10	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26968	06/07/22 08:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26955	06/07/22 12:09	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27045	06/07/22 16:34	SC	XEN MID
Soluble	Analysis	300.0		1			27727	06/17/22 00:08	CH	XEN MID

Client Sample ID: B-102

Lab Sample ID: 890-2376-102

Date Collected: 06/04/22 13:36

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27074	06/08/22 10:09	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27073	06/08/22 12:31	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26968	06/07/22 08:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26955	06/07/22 13:17	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	27173	06/09/22 11:53	CH	XEN MID
Soluble	Analysis	300.0		1			27310	06/10/22 17:59	CH	XEN MID

Client Sample ID: B-103

Lab Sample ID: 890-2376-103

Date Collected: 06/04/22 13:38

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	27074	06/08/22 10:09	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27073	06/08/22 12:52	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26968	06/07/22 08:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26955	06/07/22 13:40	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27173	06/09/22 11:53	CH	XEN MID
Soluble	Analysis	300.0		1			27310	06/10/22 18:07	CH	XEN MID

Client Sample ID: B-104

Lab Sample ID: 890-2376-104

Date Collected: 06/04/22 13:40

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	27074	06/08/22 10:09	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27073	06/08/22 13:12	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Client Sample ID: B-104

Lab Sample ID: 890-2376-104

Date Collected: 06/04/22 13:40

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26968	06/07/22 08:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26955	06/07/22 14:04	SM	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	27173	06/09/22 11:53	CH	XEN MID
Soluble	Analysis	300.0		1			27310	06/10/22 18:15	CH	XEN MID

Client Sample ID: B-105

Lab Sample ID: 890-2376-105

Date Collected: 06/04/22 13:43

Matrix: Solid

Date Received: 06/06/22 08:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	27074	06/08/22 10:09	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27073	06/08/22 13:33	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27117	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27080	06/08/22 10:33	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	26968	06/07/22 08:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26955	06/07/22 14:27	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27173	06/09/22 11:53	CH	XEN MID
Soluble	Analysis	300.0		1			27310	06/10/22 18:23	CH	XEN MID

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Carlsbad

Accreditation/Certification Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-2376-1	B-1	Solid	06/04/22 08:48	06/06/22 08:05	7 - 8
890-2376-2	B-2	Solid	06/04/22 08:50	06/06/22 08:05	7 - 8
890-2376-3	B-3	Solid	06/04/22 08:52	06/06/22 08:05	7 - 8
890-2376-4	B-4	Solid	06/04/22 08:53	06/06/22 08:05	7 - 8
890-2376-5	B-5	Solid	06/04/22 08:54	06/06/22 08:05	7 - 8
890-2376-6	B-6	Solid	06/04/22 08:56	06/06/22 08:05	7 - 8
890-2376-7	B-7	Solid	06/04/22 08:58	06/06/22 08:05	7 - 8
890-2376-8	B-8	Solid	06/04/22 09:00	06/06/22 08:05	7 - 8
890-2376-9	B-9	Solid	06/04/22 09:02	06/06/22 08:05	7 - 8
890-2376-10	B-10	Solid	06/04/22 09:04	06/06/22 08:05	7 - 8
890-2376-11	B-11	Solid	06/04/22 09:06	06/06/22 08:05	7 - 8
890-2376-12	B-12	Solid	06/04/22 09:08	06/06/22 08:05	7 - 8
890-2376-13	B-13	Solid	06/04/22 09:10	06/06/22 08:05	7 - 8
890-2376-14	B-14	Solid	06/04/22 09:12	06/06/22 08:05	7 - 8
890-2376-15	B-15	Solid	06/04/22 09:14	06/06/22 08:05	7 - 8
890-2376-16	B-16	Solid	06/04/22 09:15	06/06/22 08:05	7 - 8
890-2376-17	B-17	Solid	06/04/22 09:17	06/06/22 08:05	7 - 8
890-2376-18	B-18	Solid	06/04/22 09:19	06/06/22 08:05	7 - 8
890-2376-19	B-19	Solid	06/04/22 09:21	06/06/22 08:05	7 - 8
890-2376-20	B-20	Solid	06/04/22 09:23	06/06/22 08:05	7 - 8
890-2376-21	B-21	Solid	06/04/22 09:25	06/06/22 08:05	7 - 8
890-2376-22	B-22	Solid	06/04/22 09:27	06/06/22 08:05	7 - 8
890-2376-23	B-23	Solid	06/04/22 09:29	06/06/22 08:05	7 - 8
890-2376-24	B-24	Solid	06/04/22 09:31	06/06/22 08:05	7 - 8
890-2376-25	B-25	Solid	06/04/22 09:33	06/06/22 08:05	7 - 8
890-2376-26	B-26	Solid	06/04/22 09:35	06/06/22 08:05	7 - 8
890-2376-27	B-27	Solid	06/04/22 09:37	06/06/22 08:05	7 - 8
890-2376-28	B-28	Solid	06/04/22 09:39	06/06/22 08:05	7 - 8
890-2376-29	B-29	Solid	06/04/22 09:41	06/06/22 08:05	7 - 8
890-2376-30	B-30	Solid	06/04/22 09:43	06/06/22 08:05	7 - 8
890-2376-31	B-31	Solid	06/04/22 09:45	06/06/22 08:05	7 - 8
890-2376-32	B-32	Solid	06/04/22 09:47	06/06/22 08:05	7 - 8
890-2376-33	B-33	Solid	06/04/22 09:49	06/06/22 08:05	7 - 8
890-2376-34	B-34	Solid	06/04/22 09:51	06/06/22 08:05	7 - 8
890-2376-35	B-35	Solid	06/04/22 09:53	06/06/22 08:05	7 - 8
890-2376-36	B-36	Solid	06/04/22 10:09	06/06/22 08:05	7 - 8
890-2376-37	B-37	Solid	06/04/22 10:11	06/06/22 08:05	7 - 8
890-2376-38	B-38	Solid	06/04/22 10:13	06/06/22 08:05	7 - 8
890-2376-39	B-39	Solid	06/04/22 10:15	06/06/22 08:05	7 - 8
890-2376-40	B-40	Solid	06/04/22 10:17	06/06/22 08:05	7 - 8
890-2376-41	B-41	Solid	06/04/22 10:20	06/06/22 08:05	7 - 8
890-2376-42	B-42	Solid	06/04/22 10:23	06/06/22 08:05	7 - 8
890-2376-43	B-43	Solid	06/04/22 10:25	06/06/22 08:05	7 - 8
890-2376-44	B-44	Solid	06/04/22 10:27	06/06/22 08:05	7 - 8
890-2376-45	B-45	Solid	06/04/22 10:30	06/06/22 08:05	7 - 8
890-2376-46	B-46	Solid	06/04/22 10:32	06/06/22 08:05	7 - 8
890-2376-47	B-47	Solid	06/04/22 10:34	06/06/22 08:05	6 - 7
890-2376-48	B-48	Solid	06/04/22 10:37	06/06/22 08:05	6 - 7
890-2376-49	B-49	Solid	06/04/22 10:39	06/06/22 08:05	7 - 8
890-2376-50	B-50	Solid	06/04/22 10:42	06/06/22 08:05	7 - 8
890-2376-51	B-51	Solid	06/04/22 10:45	06/06/22 08:05	7 - 8
890-2376-52	B-52	Solid	06/04/22 10:47	06/06/22 08:05	7 - 8
890-2376-53	B-53	Solid	06/04/22 10:48	06/06/22 08:05	7 - 8
890-2376-54	B-54	Solid	06/04/22 10:52	06/06/22 08:05	7 - 8
890-2376-55	B-55	Solid	06/04/22 10:54	06/06/22 08:05	7 - 8

Sample Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2376-1
SDG: 5198

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-2376-56	B-56	Solid	06/04/22 10:57	06/06/22 08:05	7 - 8
890-2376-57	B-57	Solid	06/04/22 10:58	06/06/22 08:05	7 - 8
890-2376-58	B-58	Solid	06/04/22 11:27	06/06/22 08:05	6 - 7
890-2376-59	B-59	Solid	06/04/22 11:30	06/06/22 08:05	6 - 7
890-2376-60	B-60	Solid	06/04/22 11:33	06/06/22 08:05	6 - 7
890-2376-61	B-61	Solid	06/04/22 11:35	06/06/22 08:05	6 - 7
890-2376-62	B-62	Solid	06/04/22 11:39	06/06/22 08:05	6 - 7
890-2376-63	B-63	Solid	06/04/22 11:41	06/06/22 08:05	7 - 8
890-2376-64	B-64	Solid	06/04/22 11:43	06/06/22 08:05	7 - 8
890-2376-65	B-65	Solid	06/04/22 11:45	06/06/22 08:05	7 - 8
890-2376-66	B-66	Solid	06/04/22 11:47	06/06/22 08:05	7 - 8
890-2376-67	B-67	Solid	06/04/22 11:50	06/06/22 08:05	7 - 8
890-2376-68	B-68	Solid	06/04/22 11:52	06/06/22 08:05	7 - 8
890-2376-69	B-69	Solid	06/04/22 11:55	06/06/22 08:05	7 - 8
890-2376-70	B-70	Solid	06/04/22 11:58	06/06/22 08:05	7 - 8
890-2376-71	B-71	Solid	06/04/22 12:00	06/06/22 08:05	6 - 7
890-2376-72	B-72	Solid	06/04/22 12:02	06/06/22 08:05	6 - 7
890-2376-73	B-73	Solid	06/04/22 12:04	06/06/22 08:05	6 - 7
890-2376-74	B-74	Solid	06/04/22 12:07	06/06/22 08:05	6 - 7
890-2376-75	B-75	Solid	06/04/22 12:09	06/06/22 08:05	6 - 7
890-2376-76	B-76	Solid	06/04/22 12:11	06/06/22 08:05	7 - 8
890-2376-77	B-77	Solid	06/04/22 12:14	06/06/22 08:05	7 - 8
890-2376-78	B-78	Solid	06/04/22 12:15	06/06/22 08:05	7 - 8
890-2376-79	B-79	Solid	06/04/22 12:19	06/06/22 08:05	7 - 8
890-2376-80	B-80	Solid	06/04/22 12:22	06/06/22 08:05	7 - 8
890-2376-81	B-81	Solid	06/04/22 12:24	06/06/22 08:05	7 - 8
890-2376-82	B-82	Solid	06/04/22 12:25	06/06/22 08:05	7 - 8
890-2376-83	B-83	Solid	06/04/22 12:28	06/06/22 08:05	7 - 8
890-2376-84	B-84	Solid	06/04/22 13:00	06/06/22 08:05	6 - 7
890-2376-85	B-85	Solid	06/04/22 13:02	06/06/22 08:05	6 - 7
890-2376-86	B-86	Solid	06/04/22 13:04	06/06/22 08:05	6 - 7
890-2376-87	B-87	Solid	06/04/22 13:05	06/06/22 08:05	6 - 7
890-2376-88	B-88	Solid	06/04/22 13:08	06/06/22 08:05	7 - 8
890-2376-89	B-89	Solid	06/04/22 13:10	06/06/22 08:05	7 - 8
890-2376-90	B-90	Solid	06/04/22 13:12	06/06/22 08:05	7 - 8
890-2376-91	B-91	Solid	06/04/22 13:14	06/06/22 08:05	7 - 8
890-2376-92	B-92	Solid	06/04/22 13:15	06/06/22 08:05	7 - 8
890-2376-93	B-93	Solid	06/04/22 13:17	06/06/22 08:05	7 - 8
890-2376-94	B-94	Solid	06/04/22 13:18	06/06/22 08:05	7 - 8
890-2376-95	B-95	Solid	06/04/22 13:20	06/06/22 08:05	6 - 7
890-2376-96	B-96	Solid	06/04/22 13:22	06/06/22 08:05	6 - 7
890-2376-97	B-97	Solid	06/04/22 13:24	06/06/22 08:05	6 - 7
890-2376-98	B-98	Solid	06/04/22 13:26	06/06/22 08:05	6 - 7
890-2376-99	B-99	Solid	06/04/22 13:28	06/06/22 08:05	7 - 8
890-2376-100	B-100	Solid	06/04/22 13:30	06/06/22 08:05	7 - 8
890-2376-101	B-101	Solid	06/04/22 13:32	06/06/22 08:05	7 - 8
890-2376-102	B-102	Solid	06/04/22 13:36	06/06/22 08:05	7 - 8
890-2376-103	B-103	Solid	06/04/22 13:38	06/06/22 08:05	7 - 8
890-2376-104	B-104	Solid	06/04/22 13:40	06/06/22 08:05	7 - 8
890-2376-105	B-105	Solid	06/04/22 13:43	06/06/22 08:05	7 - 8

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Environment Testing
Xenco

Xenco

Work Order No:

Page 1 of 11
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Work Order Comments													
Program:		UST/PST	☐	PRP	☐	Brownfields	☐	RRC	☐	Superfund	☐		
State of Project:													
Reporting:		Level I	☐	Level II	☐	Level III	☐	PST/UST	☐	TRRP	☐	Level IV	☐
Deliverables:		EDD	☐					ADAPT	☐	Other:			

Project Manager:	W. KILBOARF	Bill To: (if different)	MR. KEVEN BLACH
Company Name:	RAWLER ENV	Company Name:	LOG RESOURCES, INC. - MEDLAND
Address:	PO BOX 201119	Address:	5507 CHAMPIONS DRIVE
City, State ZIP:	AUSTIN TX 78720	City, State ZIP:	MEDLAND TX, 79705
Phone:	512-289-3272	Email:	WELER@RAWLERENV.COM

[illegible]

Total	200.7 / 6010	200.8 / 6020:	8RCRA 13PPM Texas 11	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Pb	Mg	Mn	Ni	K	Se	Ag	SiO ₂	Na	Sr	Tl	Sn	V	Zn			
			Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471																												

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins 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 service. A minimum charge of \$95.00 will be assessed for each sample submitted, less a charge of \$5 for each sample submitted to Eurofins, but not analyzed. These terms will be enforced unless previously negotiated in writing.

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			10-10-2020			
3						

Revised Date: 08/25/2020 Rev 2020.2



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Environment Testing
Xenco

Work Order No: _____

www.xenco.com Page 2 of 11

Project Manager:	Bill to: (if different)	Work Order Comments
Company Name:	Company Name:	Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
Address:	Address:	State of Project: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
City, State ZIP:	City, State ZIP:	Reporting: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Phone:	Email:	Deliverables: ☐ EDD ☐ ADaPT ☐ Other:

ANALYSIS REQUEST				Preservative Codes	
Project Name:	Turn Around	Parameters	Pres. Code	None: NO	DI Water: H ₂ O
Project Number:	☒ Routine ☐ Rush			Cool: Cool	MeOH: Me
Project Location:	Due Date:			HCL: HC	HNO ₃ : HN
Sampler's Name:	TAT starts the day received by the lab, if received by 4:30pm			H ₂ SO ₄ : H ₂	NaOH: Na
PO #:				H ₃ PO ₄ : HP	
SAMPLE RECEIPT Samples Received Intact: Yes No ☒ Yes No ☒ Cooler Custody Seals: Yes No N/A ☒ Yes No N/A ☒ Sample Custody Seals: Yes No N/A ☒ Yes No N/A ☒ Total Containers: _____					
Sample Identification	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont
B-11	5/11/22	0905	7-8'	Comp	1
B-12		0908			
B-13		0910			
B-14		0912			
B-15		0914			
B-16		0915			
B-17		0917			
B-18		0919			
B-19		0921			
B-20		0923			
NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC					
Sample Comments					

Total 200.7/6010	200.8/6020:	8RCRA 13PPM Texas 11	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed		TCLP/SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time

Revised Date 06/22/2020 Rev. 2020.2

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
 Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199



Environment Testing
 Xenco

Work Order No: _____

www.xenco.com Page 4 of 11

Work Order Comments

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

State of Project: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

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

Deliverables: ☐ EDD ☐ ADAPT ☐ Other: _____

Project Manager: _____

Company Name: _____

Address: _____

City, State ZIP: _____

Phone: _____

Bill to: (if different) _____

Company Name: _____

Address: _____

City, State ZIP: _____

Email: _____

SAMPLE RECEIPT		Temp Blank:		Yes No		Thermometer ID:		Corrected Temperature:		Time Sampled		Date Sampled		Matrix		Sample Identification		Sample Comments	
Project Name:	Project Number:	Yes	No	Yes	No	Yes	No	Yes	No	Time	Date	Matrix	Sample Identification	Sample Comments	Sample Comments	Sample Comments	Sample Comments	Sample Comments	
LANEWOOD 28 FEB 01M										0945	6/14/22	SOL	B-31						
										0947			B-32						
										0949			B-33						
										0951			B-34						
										0953			B-35						
										1009			B-36						
										1011			B-37						
										1013			B-38						
										1015			B-39						
										1017			B-40						

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

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

Revised Date: 08/25/2020 Rev. 2020.2



Environment Testing
Xenco

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

www.xenco.com Page 5 of 11

Project Manager:		Bill to: (if different)	
Company Name:		Company Name:	
Address:		Address:	
City, State ZIP:		City, State ZIP:	
Phone:		Email:	

Project Name:		Turn Around	
Project Number:		☒ Routine ☐ Rush	
Project Location:		Due Date:	
Sampler's Name:		TAT starts the day received by the lab, if received by 4:30pm	
P.O. #:		Wet Ice: Yes No	

SAMPLE RECEIPT		Temp Blank:		Yes No		Thermometer ID:		Correction Factor:		Temperature Reading:		Corrected Temperature:	
Samples Received Intact:		Yes No		Yes No		Yes No		Yes No		Yes No		Yes No	
Cooler Custody Seals:		Yes No		N/A		Yes No		N/A		Yes No		N/A	
Sample Custody Seals:		Yes No		N/A		Yes No		N/A		Yes No		N/A	
Total Containers:		Yes No		N/A		Yes No		N/A		Yes No		N/A	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	Pres. Code	ANALYSIS REQUEST	Preservative Codes	Sample Comments
B-41	5026	6/4/22	10:20	7-8'	Comp	1	(ML020C (CP0 300)			None: NO	
B-42			10:23							Cool: Cool	
B-43			10:25							HCL: HC	
B-44			10:27							H ₂ SO ₄ : H ₂	
B-45			10:30							H ₃ PO ₄ : HP	
B-46			10:32							NaHSO ₄ : NABIS	
B-47			10:34							Na ₂ S ₂ O ₃ : NaSO ₃	
B-48			10:37							Zn Acetate+NaOH: Zn	
B-49			10:39							NaOH+Ascorbic Acid: SAPC	
B-50			10:42								

Total 200.7 / 6010	200.8 / 6020:	8RCRA 13PPM Texas 11	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Date/Time
				6-6-22	

Revised Date: 08/25/2020 Rev. 20/02

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Environment Testing
Xenco



Work Order No: _____

www.xenco.com Page 7 of 11

Project Manager:		Bill To: (if different)	
Company Name:		Company Name:	
Address:		Address:	
City, State ZIP:		City, State ZIP:	
Phone:		Email:	

Project Name:		Turn Around	
Project Number:		☒ Routine ☐ Rush	
Project Location:		Due Date:	
Sampler's Name:		TAT starts the day received by the lab, if received by 4:30pm	
PO #:		Wet Ice: Yes No	

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

ANALYSIS REQUEST				Preservative Codes				
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	Pres. Code
B-61	SIL	6/4/22	1135	6-7'	Comp	1		
B-62			1139	7-8'				
B-63			1141					
B-64			1143					
B-65			1145					
B-66			1147					
B-67			1150					
B-68			1152					
B-69			1155					
B-70			1158					

Total 200.7 / 6010	200.8 / 6020:	8RCRA	13PPM	Texas 11	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Mo	Ni	K	Se	Ag	SiO ₂	Na	Sr	Tl	Sn	U	V	Zn
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010 : 8RCRA		Sb		As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Pb	Mn	Mo	Ni	K	Se	Ag	SiO ₂	Na	Sr	Tl	Sn	U	V	Zn			

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

Revised Date: 08/25/2020 Rev. 2020.2

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Environment Testing
Xenco

Xenco

Work Order No.:

Page 8 of 11
www.xenco.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 Manager:		Bill To: (if different)	
Company Name:		Company Name:	
Address:		Address:	
City, State ZIP:		City, State ZIP:	
Email:			

Project Name:		LANCASH 28 FEB 01		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes				
Project Number:		SIE PACED		☒ Routine ☐ Rush		Due Date:														None: NO DI Water: H ₂ O				
Project Location:						TAT starts the day received by the lab, if received by 4:30pm														Cool: Cool MeOH: Me				
Sampler's Name:																				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
Samples Received Intact:				Yes No		Thermometer ID:		~~29~~														NAHSO ₄ : NABIS		
Cooler Custody Seals:				Yes No		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃		
Sample Custody Seals:				Yes No		Temperature Reading:																Zn Acetate+NaOH: Zn		
Total Containers:						Corrected Temperature:																NaOH+Ascorbic Acid: SAPC		
Sample Identification		Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont													Sample Comments				
B-71		SOL	5/4/02	1200	6-7'	Comp	1																	
B-72				1202				X BTEX (8021)																
B-73				1204				X TPH (8015)																
B-74				1207				X CHLORIDC (ENA 300)																
B-75				1209																				
B-76				1211	7-8'																			
B-77				1214																				
B-78				1216																				
B-79				1219																				
B-80				1222																				

Total	200.7 / 6010	200.8 / 6020:	8RCRA	13PPM	Texas 11	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Cu	Fe	Pb	Mg	Mn	Mo	Ni	K	Se	Ag	SiO ₂	Na	Sr	Tl	Sn	U	V	Zn
Circle Method(s) and Metal(s) to be analyzed																																
				</																												

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			10.10.22			
2						
3						
4						
5						
6						

Revised Date 08/23/2020 Rev. 2020.2

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
 Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
 El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Environment Testing
 Xenco



Work Order No: _____

www.xenco.com Page 9 of 11

Work Order Comments

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

State of Project: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Reporting: ☐ Level II ☐ Level III ☐ TRRP ☐ Level IV ☐

Deliverables: ☐ EDD ☐ ADAPT ☐ Other: _____

Project Manager: _____

Company Name: _____

Address: _____

City, State ZIP: _____

Phone: _____

Bill to: (if different) _____

Company Name: _____

Address: _____

City, State ZIP: _____

Email: _____

ANALYSIS REQUEST										Preservative Codes	
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Pres. Code	Parameters	Preservative Codes		
B-81	SNL	6/4/02	12:34	7-8'	Comp	1			None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC		
B-82			12:36								
B-83			12:38								
B-84			13:00	6-7'							
B-85			13:02								
B-86			13:04								
B-87			13:06								
B-88			13:08	7-8'							
B-89			13:10								
B-90			13:12								

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time
_____	_____	6-6-02
_____	_____	_____
_____	_____	_____

Revised Date 08/25/2020 Rev. 2020.2

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
 Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Environment Testing
 Xenco



Work Order No:

www.xenco.com Page 10 of 11

Project Manager:	Bill to: (if different)	Work Order Comments
Company Name:	Company Name:	Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
Address:	Address:	State of Project: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
City, State ZIP:	City, State ZIP:	Reporting: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Phone:	Email:	Deliverables: ☐ EDD ☐ ADAPT ☐ Other:

ANALYSIS REQUEST										Preservative Codes	
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters		Pres. Code	Sample Comments	
							Temp Blank:	Wet Ice:			
		Yes	No	Yes	No						
B-91	SL	6/14/20	13:14	7-8'	Comp	1				None: NO	
B-92			13:16							Cool: Cool	
B-93			13:17							HCL: HC	
B-94			13:18							H ₂ SO ₄ : H ₂	
B-95			13:20	6-7'						H ₃ PO ₄ : HP	
B-96			13:22							NaHSO ₄ : NABIS	
B-97			13:24							Na ₂ S ₂ O ₅ : NaSO ₃	
B-98			13:26							Zn Acetate+NaOH: Zn	
B-99			13:28	7-8'						NaOH+Ascorbic Acid: SAPC	
B-100			13:30	7-8'							

Total 200.7 / 6010	200.8 / 6020:	8RCRA 13PPM Texas 11	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed	TCLP / SPLP 6010 : 8RCRA	Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time

Revised Date: 08/25/2020 Rev: 20202

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Environment Testing
Xenco



Work Order No: _____

www.xenco.com Page 11 of 11

Work Order Comments

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

State of Project: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

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

Deliverables: ☐ EDD ☐ ADaPT ☐ Other: _____

Project Manager: _____

Company Name: _____

Address: _____

City, State ZIP: _____

Phone: _____

Bill to: (if different)
Company Name: _____

Address: _____

City, State ZIP: _____

Email: _____

ANALYSIS REQUEST										Preservative Codes												
Project Name:	Project Number:	Project Location:	Sampler's Name:	PO #:	Temp Blank:	Yes	No	Thermometer ID:	Confection Factor:	Corrected Temperature:	Turn Around	Rush	Pres. Code	Parameters	# of Cont	Grab/Comp	Depth	Time Sampled	Date Sampled	Matrix	Sample Identification	Sample Comments
LAURELMO 08 FEU COW																						
B-101																						
B-102																						
B-103																						
B-104																						
B-105																						

Total 2007 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time

Revised Date: 08/23/2020 Rev. 2000.2

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
 Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
 El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199



Environment Testing
 Xenco

Work Order No: _____

www.xenco.com Page 1 of 11

Project Manager: W. KIEBARD Bill to: (if different) M.R. KIEBARD
 Company Name: RANGER ENV Company Name: LOG RESOURCES, INC. - MIDLAND
 Address: PO BOX 201179 Address: 5507 CHAMPIONS DRIVE
 City, State ZIP: AUSTIN TX 78720 City, State ZIP: MIDLAND TX, 79705
 Phone: 512-289-3472 Email: WILL@RANGEREENV.COM

Project Name: LAURELWOOD 28 FEB CON Turn Around: ☒ Routine ☐ Rush
 Project Number: 5193 Due Date: 7-11-2021
 Project Location: RAVAL LIA CO NM
 Sampler's Name: W. KIEBARD TAT starts the day received by the lab, if received by 4:30pm
 P.O. #: _____

SAMPLE RECEIPT
 Temp Blank: ☒ Yes ☒ No
 Samples Received Intact: ☒ Yes ☒ No Thermometer ID: 71111-007
 Cooler Custody Seals: ☒ Yes ☒ No Correction Factor: -0.2
 Sample Custody Seals: ☒ Yes ☒ No Temperature Reading: 2.2
 Total Containers: 2.0

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters
B-1	SOIL	6/4/22	0848	7-8'	LOW	1	BTEX (801)
B-2			0850				TPH (8015)
B-3			0852				CMURC (C9A80)
B-4			0853				
B-5			0854				
B-6			0855				
B-7			0858				
B-8			0900				
B-9			0903				
B-10			0904				

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
 Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	<u>6-16-22 805</u>			

Revised Date: 08/25/2020 Rev. 2020.2



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Environment Testing
Xenco

Work Order No: _____

www.xenco.com Page 2 of 11

Project Manager:	Bill to: (if different)	Work Order Comments
Company Name:	Company Name:	Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
Address:	Address:	State of Project: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
City, State ZIP:	City, State ZIP:	Reporting: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Phone:	Email:	Deliverables: ☐ EDD ☐ ADaPT ☐ Other:

ANALYSIS REQUEST				Preservative Codes	
Project Name:	Turn Around	Parameters	Pres. Code	None: NO	DI Water: H ₂ O
Project Number:	☒ Routine ☐ Rush			Cool: Cool	MeOH: Me
Project Location:	Due Date:			HCL: HC	HNO ₃ : HN
Sampler's Name:	TAT starts the day received by the lab, if received by 4:30pm			H ₂ SO ₄ : H ₂	NaOH: Na
PO #:				H ₃ PO ₄ : HP	
SAMPLE RECEIPT Samples Received Intact: Yes No ☒ Yes No ☒ Cooler Custody Seals: Yes No N/A ☒ Yes No N/A ☒ Sample Custody Seals: Yes No N/A ☒ Yes No N/A ☒ Total Containers: _____					
Sample Identification	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont
B-11	6/4/22	0905	7-8'	Comp	1
B-12		0908			
B-13		0910			
B-14		0912			
B-15		0914			
B-16		0915			
B-17		0917			
B-18		0919			
B-19		0921			
B-20		0923			
NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SACP					
Sample Comments					

Total 200.7/6010	200.8/6020:	8RCRA 13PPM Texas 11	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed		TCLP/SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time

Revised Date 06/22/2020 Rev. 2020.2

Chain of Custody

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 Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199



Environment Testing
 Xenco

Work Order No: _____

www.xenco.com Page 4 of 11

Work Order Comments

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

State of Project: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

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

Deliverables: ☐ EDD ☐ ADaPT ☐ Other: _____

Project Manager: _____

Company Name: _____

Address: _____

City, State ZIP: _____

Phone: _____

Bill to: (if different) _____

Company Name: _____

Address: _____

City, State ZIP: _____

Email: _____

SAMPLE RECEIPT		Temp Blank:		Yes No		Thermometer ID:		Yes No		Cooler Custody Seals:		Yes No		N/A		Sample Custody Seals:		Yes No		Wet Ice:		Yes No		Due Date:		TAT starts the day received by the lab, if received by 4:30pm		Parameters		Pres. Code		ANALYSIS REQUEST		Preservative Codes	
Project Name:	Project Number:	Project Location:	Sampler's Name:	P.O. #:	Temp Blank:	Yes	No	Thermometer ID:	Yes	No	Cooler Custody Seals:	Yes	No	N/A	Sample Custody Seals:	Yes	No	Wet Ice:	Yes	No	Due Date:	TAT starts the day received by the lab, if received by 4:30pm	Parameters	Pres. Code	ANALYSIS REQUEST	Preservative Codes									
Project Name: <u>LAWRENCE 28 FEB 01M</u>	Project Number: <u>SEE PAGE 1</u>	Project Location: <u>SEE PAGE 1</u>	Sampler's Name: <u>SEE PAGE 1</u>	P.O. #:	Temp Blank:	Yes	No	Thermometer ID:	Yes	No	Cooler Custody Seals:	Yes	No	N/A	Sample Custody Seals:	Yes	No	Wet Ice:	Yes	No	Due Date:	TAT starts the day received by the lab, if received by 4:30pm	Parameters	Pres. Code	ANALYSIS REQUEST	Preservative Codes									
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Sample Comments																												
B-31	SOL	6/14/22	0945	7-8'	Comp	1	(BRCX (8021) TPA (8015) ELMETOL (EPA 300)																												
B-32			0947																																
B-33			0949																																
B-34			0951																																
B-35			0953																																
B-36			1009																																
B-37			1011																																
B-38			1013																																
B-39			1015																																
B-40			1017																																

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

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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>	6-16-22	2 <u>[Signature]</u>		
3 <u>[Signature]</u>			4 <u>[Signature]</u>		
5 <u>[Signature]</u>			6 <u>[Signature]</u>		

Revised Date: 08/25/2020 Rev. 2020.2



Environment Testing
Xenco

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

www.xenco.com Page 5 of 11

Project Manager:		Bill to: (if different)	
Company Name:		Company Name:	
Address:		Address:	
City, State ZIP:		City, State ZIP:	
Phone:		Email:	

Project Name:		Turn Around	
Project Number:		☒ Routine ☐ Rush	
Project Location:		Due Date:	
Sampler's Name:		TAT starts the day received by the lab, if received by 4:30pm	
PO #:		Wet Ice: Yes No	

Temp Blank:		Thermometer ID:	
Yes No	Yes No	Correction Factor:	
Yes No	Yes No	Temperature Reading:	
Total Containers:		Corrected Temperature:	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	Pres. Code	ANALYSIS REQUEST	Preservative Codes	Sample Comments
B-41	5026	6/4/22	10:20	7-8'	Comp	1				None: NO	
B-42			10:23							Cool: Cool	
B-43			10:25							HCL: HC	
B-44			10:27							H ₂ SO ₄ : H ₂	
B-45			10:30							H ₃ PO ₄ : HP	
B-46			10:32							NaHSO ₄ : NABIS	
B-47			10:34							Na ₂ S ₂ O ₃ : NaSO ₃	
B-48			10:37							Zn Acetate+NaOH: Zn	
B-49			10:39							NaOH+Ascorbic Acid: SAPC	
B-50			10:42								

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Date/Time
				6-6-22	

Revised Date: 08/25/2020 Rev. 20/02

Chain of Custody



Environment Testing
Xenco

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El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

www.xenco.com Page 6 of 11

Work Order Comments

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

State of Project: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: ☐ EDD ☐ ADaPT ☐ Other: _____

Project Manager: _____ Bill to: (if different) _____

Company Name: _____

Address: _____

City, State ZIP: _____

Phone: _____ Email: _____

SEE PAGE 1

ANALYSIS REQUEST										Preservative Codes	
Project Name:	Project Number:	Project Location:	Sampler's Name:	PO #:	Turn Around			Pres. Code	# of Cont	Sample Comments	
					☒ Routine	☐ Rush	Due Date:				
LANEWOOD 20 FEB 01M											
SAMPLE RECEIPT					Temp Blank:						
Samples Received Intact:					Yes	No					
Cooler Custody Seals:					Yes	No	N/A				
Sample Custody Seals:					Yes	No	N/A				
Total Containers:					Corrected Temperature:						
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	Parameters					
B-51	Soil	6/1/22	1045	7-8'	Comp	BTEX (8021)					
B-52			1047			TDM (8015)					
B-53			1049			CHLORIDE (EPA 300)					
B-54			1052								
B-55			1054								
B-56			1057								
B-57			1058								
B-58			1127	6-7'							
B-59			1130								
B-60			1133								

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

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

Revised Date: 08/25/2020 Rev. 2002

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Environment Testing

Xenco

Work Order No: _____

Page 7 of 11
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Work Order Comments					
Program:	UST/PST ☐	PRP ☐	Brownfields ☐	RRC ☐	Superfund ☐
State of Project:					
Reporting:	Level I ☐	Level II ☐	Level III ☐	PST/UST ☐	TRRP ☐ Level IV ☐
Deliverables:	EDD ☐	ADaPT ☐	Other:		

Project Manager:		Bill To: (if different)	
Company Name:		Company Name:	
Address:		Address:	
City, State ZIP:		City, State ZIP:	
Phone:		Email:	

Project Name: Langwando 28 Feb 01m		Turn Around		ANALYSIS REQUEST												Preservative Codes											
Project Number:		☒ Routine ☐ Rush		Pres. Code																							
Project Location:		Due Date:		Parameters																							
Sampler's Name:		TAT starts the day received by the lab, if received by 4:30pm		# of Cont																							
PO #:																											
SAMPLE RECEIPT				Temp Blank:		Yes No																					
Samples Received Intact:				Yes No		Thermometer ID:																					
Cooler Custody Seals:				Yes No N/A		Correction Factor:																					
Sample Custody Seals:				Yes No N/A		Temperature Reading:																					
Total Containers:						Corrected Temperature:																					
Sample Identification				Date Sampled		Matrix		Time Sampled		Depth		Grab/Comp		Parameters													
B-61				5/4/22		SIL		1135		6-7'		Comp		X BTEX (8021)													
B-62								1139		7-8'				X TDM (8015)													
B-63								1141																			
B-64								1143																			
B-65								1145																			
B-66								1147																			
B-67								1150																			
B-68								1152																			
B-69								1155																			
B-70								1158																			
Sample Comments																											

[illegible]

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 		06-06-22	2		
3			4		
			6		

2020年12月31日

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

Page of
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6 of 11

Project Manager:	SEE PAGE 1	Bill to: (if different)	SEE PAGE 1
Company Name:		Company Name:	
Address:		Address:	
City, State ZIP:		City, State ZIP:	
Phone:		Email:	

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

[illegible]

	Total	200.7 / 6010	200.8 / 6020:																							
8RCRA 13PPM Texas 11	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Mo	Ni	K	Se	SiO ₂	Na	Sr	Tl	Sn	V	Zn
Circle Method(s) and Metal(s) to be analyzed																										
TCLP / SPLP 6010 : 8RCRA	Sb	As	Ba	Be	Cd	Cr	Co	Cu	Pb	Mn	Mo	Ni	Se	Ag	Tl	U	Hg:	1631 / 245.1 / 7470 / 7471								

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			10/6/22	2		
3				4		
				6		

Revised Date: 08/25/2020 Rev: 2020 2

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Environment Testing
Xenco



Work Order No: _____

www.xenco.com Page 10 of 11

Project Manager: _____
Company Name: _____
Address: _____
City, State ZIP: _____
Phone: _____

Bill to: (if different)
Company Name: _____
Address: _____
City, State ZIP: _____
Email: _____

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: LAURELWOOD 28 FEB COM
Project Number: _____
Project Location: _____
Sampler's Name: _____
PO #: _____

Turn Around
☒ Routine ☐ Rush
Due Date: _____
TAT starts the day received by the lab, if received by 4:30pm

Temp Blank: Yes No
Thermometer ID: _____
Cooler Custody Seals: Yes No N/A
Sample Custody Seals: Yes No N/A
Total Containers: _____

ANALYSIS REQUEST										Preservative Codes	
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	Pres. Code		None: NO	DI Water: H ₂ O
B-91	SL	6/14/20	13:14	7-8'	Comp	1	TPM(8/15)			Cool: Cool	MeOH: Me
B-92			13:16							HCL: HC	HNO ₃ : HN
B-93			13:17							H ₂ SO ₄ : H ₂	NaOH: Na
B-94			13:18							H ₃ PO ₄ : HP	
B-95			13:20	6-7'						NaHSO ₄ : NABIS	
B-96			13:22							Na ₂ S ₂ O ₅ : NaSO ₃	
B-97			13:24							Zn Acetate+NaOH: Zn	
B-98			13:26							NaOH+Ascorbic Acid: SAPC	
B-99			13:28	7-8'							
B-100			13:30	7-8'							
Sample Comments											

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be Cd Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		6-16-22	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev: 2020.2

Login Sample Receipt Checklist

Client: Ranger Environmental Services, Inc

Job Number: 890-2376-1

SDG Number: 5198

Login Number: 2376**List Number: 1****Creator: Clifton, Cloe****List Source: Eurofins Carlsbad**

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Ranger Environmental Services, Inc

Job Number: 890-2376-1

SDG Number: 5198

Login Number: 2376**List Number: 2****Creator: Rodriguez, Leticia****List Source: Eurofins Midland****List Creation: 06/07/22 12:08 PM**

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing America

ANALYTICAL REPORT

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-2388-1

Laboratory Sample Delivery Group: S178
Client Project/Site: Lakewood 28 Fed Com

For:

Ranger Environmental Services, Inc
PO BOX 201179
Austin, Texas 78729

Attn: Will Kierdorf

A handwritten signature in black ink that reads "Holly Taylor".

Authorized for release by:

6/17/2022 2:44:13 PM

Holly Taylor, Project Manager
(806)794-1296

Holly.Taylor@et.eurofinsus.com

LINKS

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results through



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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Laboratory Job ID: 890-2388-1
SDG: S178

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	5
Client Sample Results	6
Surrogate Summary	55
QC Sample Results	59
QC Association Summary	79
Lab Chronicle	94
Certification Summary	113
Method Summary	114
Sample Summary	115
Chain of Custody	117
Receipt Checklists	131

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

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Definitions/Glossary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Case Narrative

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Job ID: 890-2388-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-2388-1

Receipt

The samples were received on 6/8/2022 8:18 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.2°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-27176 and analytical batch 880-27241 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-27499 and analytical batch 880-27512 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 880-27180 and analytical batch 880-27467 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8021B: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 880-27184 and analytical batch 880-27554 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-27171 and analytical batch 880-27121 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-27172 and analytical batch 880-27332 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-27248 and analytical batch 880-27332 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D: The matrix spike (MS) recoveries for preparation batch 880-27188 and analytical batch 880-27503 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B-106

Lab Sample ID: 890-2388-1

Date Collected: 06/06/22 10:24

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 6' - 7'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F1 F2	0.00201	mg/Kg	-	06/09/22 12:03	06/11/22 01:57	1
Toluene	<0.00201	U F1 F2	0.00201	mg/Kg	-	06/09/22 12:03	06/11/22 01:57	1
Ethylbenzene	<0.00201	U F1 F2	0.00201	mg/Kg	-	06/09/22 12:03	06/11/22 01:57	1
m,p-Xylenes	<0.00402	U F1 F2	0.00402	mg/Kg	-	06/09/22 12:03	06/11/22 01:57	1
o-Xylene	<0.00201	U F1 F2	0.00201	mg/Kg	-	06/09/22 12:03	06/11/22 01:57	1
Xylenes, Total	<0.00402	U F1 F2	0.00402	mg/Kg	-	06/09/22 12:03	06/11/22 01:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	150	S1+	70 - 130	06/09/22 12:03	06/11/22 01:57	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/09/22 12:03	06/11/22 01:57	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg	-		06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg	-		06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *	49.9	mg/Kg	-	06/09/22 11:45	06/09/22 21:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg	-	06/09/22 11:45	06/09/22 21:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg	-	06/09/22 11:45	06/09/22 21:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130	06/09/22 11:45	06/09/22 21:23	1
o-Terphenyl (Surr)	111		70 - 130	06/09/22 11:45	06/09/22 21:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.8		4.99	mg/Kg	-		06/14/22 14:29	1

Client Sample ID: B-107

Lab Sample ID: 890-2388-2

Date Collected: 06/06/22 10:26

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 6' - 7'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg	-	06/09/22 12:03	06/11/22 02:23	1
Toluene	<0.00201	U	0.00201	mg/Kg	-	06/09/22 12:03	06/11/22 02:23	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg	-	06/09/22 12:03	06/11/22 02:23	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg	-	06/09/22 12:03	06/11/22 02:23	1
o-Xylene	<0.00201	U	0.00201	mg/Kg	-	06/09/22 12:03	06/11/22 02:23	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg	-	06/09/22 12:03	06/11/22 02:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	06/09/22 12:03	06/11/22 02:23	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B-107

Lab Sample ID: 890-2388-2

Date Collected: 06/06/22 10:26

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 6' - 7'

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	87		70 - 130	06/09/22 12:03	06/11/22 02:23	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0	mg/Kg		06/09/22 11:45	06/09/22 22:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/09/22 11:45	06/09/22 22:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/09/22 11:45	06/09/22 22:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130			06/09/22 11:45	06/09/22 22:27	1
o-Terphenyl (Surr)	109		70 - 130			06/09/22 11:45	06/09/22 22:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.8		4.95	mg/Kg			06/14/22 14:57	1

Client Sample ID: B-108

Lab Sample ID: 890-2388-3

Date Collected: 06/06/22 10:38

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 6' - 7'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		06/09/22 12:03	06/11/22 02:49	1
Toluene	<0.00202	U	0.00202	mg/Kg		06/09/22 12:03	06/11/22 02:49	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		06/09/22 12:03	06/11/22 02:49	1
m,p-Xylenes	<0.00403	U	0.00403	mg/Kg		06/09/22 12:03	06/11/22 02:49	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		06/09/22 12:03	06/11/22 02:49	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		06/09/22 12:03	06/11/22 02:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	06/09/22 12:03	06/11/22 02:49	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/09/22 12:03	06/11/22 02:49	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			06/10/22 09:57	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B-108

Date Collected: 06/06/22 10:38

Date Received: 06/08/22 08:18

Sample Depth: 6' - 7'

Lab Sample ID: 890-2388-3

Matrix: Solid

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0	mg/Kg		06/09/22 11:45	06/09/22 22:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/09/22 11:45	06/09/22 22:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/09/22 11:45	06/09/22 22:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130			06/09/22 11:45	06/09/22 22:49	1
o-Terphenyl (Surr)	107		70 - 130			06/09/22 11:45	06/09/22 22:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.3		4.97	mg/Kg			06/14/22 15:06	1

Client Sample ID: B-109

Date Collected: 06/06/22 10:31

Date Received: 06/08/22 08:18

Sample Depth: 7' - 8'

Lab Sample ID: 890-2388-4

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		06/09/22 12:03	06/11/22 03:15	1
Toluene	<0.00199	U	0.00199	mg/Kg		06/09/22 12:03	06/11/22 03:15	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		06/09/22 12:03	06/11/22 03:15	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		06/09/22 12:03	06/11/22 03:15	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		06/09/22 12:03	06/11/22 03:15	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		06/09/22 12:03	06/11/22 03:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130			06/09/22 12:03	06/11/22 03:15	1
1,4-Difluorobenzene (Surr)	0.4	S1-	70 - 130			06/09/22 12:03	06/11/22 03:15	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *	49.9	mg/Kg		06/09/22 11:45	06/09/22 23:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/09/22 11:45	06/09/22 23:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/09/22 11:45	06/09/22 23:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130			06/09/22 11:45	06/09/22 23:11	1
o-Terphenyl (Surr)	115		70 - 130			06/09/22 11:45	06/09/22 23:11	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B-109

Date Collected: 06/06/22 10:31

Date Received: 06/08/22 08:18

Sample Depth: 7' - 8'

Lab Sample ID: 890-2388-4

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.4		4.96	mg/Kg			06/14/22 15:15	1

Client Sample ID: B-110

Date Collected: 06/06/22 10:34

Date Received: 06/08/22 08:18

Sample Depth: 7' - 8'

Lab Sample ID: 890-2388-5

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000400	U	0.000400	mg/Kg		06/09/22 12:03	06/11/22 03:41	1
Toluene	<0.000400	U	0.000400	mg/Kg		06/09/22 12:03	06/11/22 03:41	1
Ethylbenzene	<0.000400	U	0.000400	mg/Kg		06/09/22 12:03	06/11/22 03:41	1
m,p-Xylenes	<0.000800	U	0.000800	mg/Kg		06/09/22 12:03	06/11/22 03:41	1
o-Xylene	<0.000400	U	0.000400	mg/Kg		06/09/22 12:03	06/11/22 03:41	1
Xylenes, Total	<0.000800	U	0.000800	mg/Kg		06/09/22 12:03	06/11/22 03:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130			06/09/22 12:03	06/11/22 03:41	1
1,4-Difluorobenzene (Surr)	99		70 - 130			06/09/22 12:03	06/11/22 03:41	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000800	U	0.000800	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0	mg/Kg		06/09/22 11:45	06/09/22 23:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/09/22 11:45	06/09/22 23:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/09/22 11:45	06/09/22 23:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130			06/09/22 11:45	06/09/22 23:32	1
o-Terphenyl (Surr)	108		70 - 130			06/09/22 11:45	06/09/22 23:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.0		5.05	mg/Kg			06/14/22 15:25	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B-111

Lab Sample ID: 890-2388-6

Date Collected: 06/06/22 10:37

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 7' - 8'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000402	U	0.000402	mg/Kg		06/09/22 12:03	06/11/22 04:07	1
Toluene	<0.000402	U	0.000402	mg/Kg		06/09/22 12:03	06/11/22 04:07	1
Ethylbenzene	<0.000402	U	0.000402	mg/Kg		06/09/22 12:03	06/11/22 04:07	1
m,p-Xylenes	<0.000803	U	0.000803	mg/Kg		06/09/22 12:03	06/11/22 04:07	1
o-Xylene	<0.000402	U	0.000402	mg/Kg		06/09/22 12:03	06/11/22 04:07	1
Xylenes, Total	<0.000803	U	0.000803	mg/Kg		06/09/22 12:03	06/11/22 04:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	06/09/22 12:03	06/11/22 04:07	1
1,4-Difluorobenzene (Surr)	103		70 - 130	06/09/22 12:03	06/11/22 04:07	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000803	U	0.000803	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0	mg/Kg		06/09/22 11:45	06/09/22 23:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/09/22 11:45	06/09/22 23:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/09/22 11:45	06/09/22 23:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130	06/09/22 11:45	06/09/22 23:54	1
o-Terphenyl (Surr)	99		70 - 130	06/09/22 11:45	06/09/22 23:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.0		4.98	mg/Kg			06/14/22 15:52	1

Client Sample ID: B-112

Lab Sample ID: 890-2388-7

Date Collected: 06/06/22 10:39

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 7' - 8'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:03	06/11/22 04:34	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:03	06/11/22 04:34	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:03	06/11/22 04:34	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		06/09/22 12:03	06/11/22 04:34	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:03	06/11/22 04:34	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		06/09/22 12:03	06/11/22 04:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130	06/09/22 12:03	06/11/22 04:34	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B-112

Lab Sample ID: 890-2388-7

Date Collected: 06/06/22 10:39

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 7' - 8'

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	06/09/22 12:03	06/11/22 04:34	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *-	49.9	mg/Kg	-	06/09/22 11:45	06/10/22 00:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/09/22 11:45	06/10/22 00:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/09/22 11:45	06/10/22 00:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130			06/09/22 11:45	06/10/22 00:15	1
o-Terphenyl (Surr)	102		70 - 130			06/09/22 11:45	06/10/22 00:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	69.1		4.95	mg/Kg			06/14/22 16:01	1

Client Sample ID: B-113

Lab Sample ID: 890-2388-8

Date Collected: 06/06/22 11:21

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 6' - 7'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		06/09/22 12:03	06/11/22 04:59	1
Toluene	<0.00202	U	0.00202	mg/Kg		06/09/22 12:03	06/11/22 04:59	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		06/09/22 12:03	06/11/22 04:59	1
m,p-Xylenes	<0.00403	U	0.00403	mg/Kg		06/09/22 12:03	06/11/22 04:59	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		06/09/22 12:03	06/11/22 04:59	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		06/09/22 12:03	06/11/22 04:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	06/09/22 12:03	06/11/22 04:59	1
1,4-Difluorobenzene (Surr)	72		70 - 130	06/09/22 12:03	06/11/22 04:59	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			06/10/22 09:57	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B-113

Lab Sample ID: 890-2388-8

Date Collected: 06/06/22 11:21

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 6' - 7'

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0	mg/Kg		06/09/22 11:45	06/10/22 00:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/09/22 11:45	06/10/22 00:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/09/22 11:45	06/10/22 00:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130			06/09/22 11:45	06/10/22 00:37	1
o-Terphenyl (Surr)	109		70 - 130			06/09/22 11:45	06/10/22 00:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.78		5.04	mg/Kg			06/14/22 16:11	1

Client Sample ID: B-114

Lab Sample ID: 890-2388-9

Date Collected: 06/06/22 11:26

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 6' - 7'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		06/11/22 18:51	06/12/22 11:29	1
Toluene	<0.00199	U	0.00199	mg/Kg		06/11/22 18:51	06/12/22 11:29	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		06/11/22 18:51	06/12/22 11:29	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		06/11/22 18:51	06/12/22 11:29	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		06/11/22 18:51	06/12/22 11:29	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		06/11/22 18:51	06/12/22 11:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130			06/11/22 18:51	06/12/22 11:29	1
1,4-Difluorobenzene (Surr)	88		70 - 130			06/11/22 18:51	06/12/22 11:29	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *	49.9	mg/Kg		06/09/22 11:45	06/10/22 00:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/09/22 11:45	06/10/22 00:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/09/22 11:45	06/10/22 00:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130			06/09/22 11:45	06/10/22 00:58	1
o-Terphenyl (Surr)	97		70 - 130			06/09/22 11:45	06/10/22 00:58	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B-114

Date Collected: 06/06/22 11:26

Date Received: 06/08/22 08:18

Sample Depth: 6' - 7'

Lab Sample ID: 890-2388-9

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.24		4.97	mg/Kg			06/14/22 16:20	1

Client Sample ID: B-115

Date Collected: 06/06/22 11:32

Date Received: 06/08/22 08:18

Sample Depth: 6' - 7'

Lab Sample ID: 890-2388-10

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/11/22 18:51	06/12/22 11:49	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/11/22 18:51	06/12/22 11:49	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/11/22 18:51	06/12/22 11:49	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		06/11/22 18:51	06/12/22 11:49	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/11/22 18:51	06/12/22 11:49	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		06/11/22 18:51	06/12/22 11:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130			06/11/22 18:51	06/12/22 11:49	1
1,4-Difluorobenzene (Surr)	87		70 - 130			06/11/22 18:51	06/12/22 11:49	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *	49.9	mg/Kg		06/09/22 11:45	06/10/22 01:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/09/22 11:45	06/10/22 01:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/09/22 11:45	06/10/22 01:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130			06/09/22 11:45	06/10/22 01:20	1
o-Terphenyl (Surr)	104		70 - 130			06/09/22 11:45	06/10/22 01:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.0		4.98	mg/Kg			06/14/22 16:29	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B-116

Lab Sample ID: 890-2388-11

Date Collected: 06/06/22 11:37

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 7' - 8'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/11/22 18:51	06/12/22 12:10	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/11/22 18:51	06/12/22 12:10	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/11/22 18:51	06/12/22 12:10	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		06/11/22 18:51	06/12/22 12:10	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/11/22 18:51	06/12/22 12:10	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/11/22 18:51	06/12/22 12:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	06/11/22 18:51	06/12/22 12:10	1
1,4-Difluorobenzene (Surr)	96		70 - 130	06/11/22 18:51	06/12/22 12:10	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0	mg/Kg		06/09/22 11:45	06/10/22 02:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/09/22 11:45	06/10/22 02:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/09/22 11:45	06/10/22 02:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130	06/09/22 11:45	06/10/22 02:02	1
o-Terphenyl (Surr)	106		70 - 130	06/09/22 11:45	06/10/22 02:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.44		4.95	mg/Kg			06/14/22 16:39	1

Client Sample ID: B-117

Lab Sample ID: 890-2388-12

Date Collected: 06/06/22 11:41

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 7' - 8'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/11/22 18:51	06/12/22 12:31	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/11/22 18:51	06/12/22 12:31	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/11/22 18:51	06/12/22 12:31	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		06/11/22 18:51	06/12/22 12:31	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/11/22 18:51	06/12/22 12:31	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		06/11/22 18:51	06/12/22 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	06/11/22 18:51	06/12/22 12:31	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B-117

Lab Sample ID: 890-2388-12

Date Collected: 06/06/22 11:41

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 7' - 8'

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	91		70 - 130	06/11/22 18:51	06/12/22 12:31	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0	mg/Kg		06/09/22 11:45	06/10/22 02:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/09/22 11:45	06/10/22 02:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/09/22 11:45	06/10/22 02:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130			06/09/22 11:45	06/10/22 02:23	1
o-Terphenyl (Surr)	96		70 - 130			06/09/22 11:45	06/10/22 02:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.4		4.95	mg/Kg			06/14/22 17:06	1

Client Sample ID: B-118

Lab Sample ID: 890-2388-13

Date Collected: 06/06/22 11:44

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 7' - 8'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		06/11/22 18:51	06/12/22 12:51	1
Toluene	<0.00201	U	0.00201	mg/Kg		06/11/22 18:51	06/12/22 12:51	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		06/11/22 18:51	06/12/22 12:51	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		06/11/22 18:51	06/12/22 12:51	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		06/11/22 18:51	06/12/22 12:51	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		06/11/22 18:51	06/12/22 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	06/11/22 18:51	06/12/22 12:51	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/11/22 18:51	06/12/22 12:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			06/10/22 09:57	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B-118

Lab Sample ID: 890-2388-13

Date Collected: 06/06/22 11:44

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 7' - 8'

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *	49.8	mg/Kg		06/09/22 11:45	06/10/22 02:45	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		06/09/22 11:45	06/10/22 02:45	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		06/09/22 11:45	06/10/22 02:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130			06/09/22 11:45	06/10/22 02:45	1
o-Terphenyl (Surr)	104		70 - 130			06/09/22 11:45	06/10/22 02:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	137		4.99	mg/Kg			06/14/22 17:16	1

Client Sample ID: B-119

Lab Sample ID: 890-2388-14

Date Collected: 06/06/22 11:47

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 7' - 8'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		06/11/22 18:51	06/12/22 13:12	1
Toluene	<0.00202	U	0.00202	mg/Kg		06/11/22 18:51	06/12/22 13:12	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		06/11/22 18:51	06/12/22 13:12	1
m,p-Xylenes	<0.00404	U	0.00404	mg/Kg		06/11/22 18:51	06/12/22 13:12	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		06/11/22 18:51	06/12/22 13:12	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		06/11/22 18:51	06/12/22 13:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130			06/11/22 18:51	06/12/22 13:12	1
1,4-Difluorobenzene (Surr)	93		70 - 130			06/11/22 18:51	06/12/22 13:12	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0	mg/Kg		06/09/22 11:45	06/10/22 03:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/09/22 11:45	06/10/22 03:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/09/22 11:45	06/10/22 03:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130			06/09/22 11:45	06/10/22 03:06	1
o-Terphenyl (Surr)	103		70 - 130			06/09/22 11:45	06/10/22 03:06	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B-119

Date Collected: 06/06/22 11:47

Date Received: 06/08/22 08:18

Sample Depth: 7' - 8'

Lab Sample ID: 890-2388-14

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.5		5.04	mg/Kg			06/14/22 17:43	1

Client Sample ID: B-120

Date Collected: 06/06/22 11:50

Date Received: 06/08/22 08:18

Sample Depth: 7' - 8'

Lab Sample ID: 890-2388-15

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/11/22 18:51	06/12/22 13:32	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/11/22 18:51	06/12/22 13:32	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/11/22 18:51	06/12/22 13:32	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		06/11/22 18:51	06/12/22 13:32	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/11/22 18:51	06/12/22 13:32	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		06/11/22 18:51	06/12/22 13:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130			06/11/22 18:51	06/12/22 13:32	1
1,4-Difluorobenzene (Surr)	93		70 - 130			06/11/22 18:51	06/12/22 13:32	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0	mg/Kg		06/09/22 11:45	06/10/22 03:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/09/22 11:45	06/10/22 03:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/09/22 11:45	06/10/22 03:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	97		70 - 130			06/09/22 11:45	06/10/22 03:27	1
o-Terphenyl (Surr)	102		70 - 130			06/09/22 11:45	06/10/22 03:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.7		5.05	mg/Kg			06/14/22 17:52	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B-121

Lab Sample ID: 890-2388-16

Date Collected: 06/06/22 12:47

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 6' - 7'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg	-	06/11/22 18:51	06/12/22 13:53	1
Toluene	<0.00201	U	0.00201	mg/Kg	-	06/11/22 18:51	06/12/22 13:53	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg	-	06/11/22 18:51	06/12/22 13:53	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg	-	06/11/22 18:51	06/12/22 13:53	1
o-Xylene	<0.00201	U	0.00201	mg/Kg	-	06/11/22 18:51	06/12/22 13:53	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg	-	06/11/22 18:51	06/12/22 13:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	06/11/22 18:51	06/12/22 13:53	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/11/22 18:51	06/12/22 13:53	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg	-		06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg	-		06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *	49.9	mg/Kg	-	06/09/22 11:45	06/10/22 03:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg	-	06/09/22 11:45	06/10/22 03:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg	-	06/09/22 11:45	06/10/22 03:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130	06/09/22 11:45	06/10/22 03:48	1
o-Terphenyl (Surr)	92		70 - 130	06/09/22 11:45	06/10/22 03:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.6		4.98	mg/Kg	-		06/14/22 18:02	1

Client Sample ID: B-122

Lab Sample ID: 890-2388-17

Date Collected: 06/06/22 12:52

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 6' - 7'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg	-	06/11/22 18:51	06/12/22 14:13	1
Toluene	<0.00202	U	0.00202	mg/Kg	-	06/11/22 18:51	06/12/22 14:13	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg	-	06/11/22 18:51	06/12/22 14:13	1
m,p-Xylenes	<0.00403	U	0.00403	mg/Kg	-	06/11/22 18:51	06/12/22 14:13	1
o-Xylene	<0.00202	U	0.00202	mg/Kg	-	06/11/22 18:51	06/12/22 14:13	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg	-	06/11/22 18:51	06/12/22 14:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	06/11/22 18:51	06/12/22 14:13	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B-122

Lab Sample ID: 890-2388-17

Date Collected: 06/06/22 12:52

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 6' - 7'

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	87		70 - 130	06/11/22 18:51	06/12/22 14:13	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0	mg/Kg		06/09/22 11:45	06/10/22 04:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/09/22 11:45	06/10/22 04:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/09/22 11:45	06/10/22 04:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130			06/09/22 11:45	06/10/22 04:09	1
o-Terphenyl (Surr)	105		70 - 130			06/09/22 11:45	06/10/22 04:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.6		4.97	mg/Kg			06/14/22 18:11	1

Client Sample ID: B-123

Lab Sample ID: 890-2388-18

Date Collected: 06/06/22 12:55

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 6' - 7'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		06/11/22 18:51	06/12/22 14:34	1
Toluene	<0.00199	U	0.00199	mg/Kg		06/11/22 18:51	06/12/22 14:34	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		06/11/22 18:51	06/12/22 14:34	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		06/11/22 18:51	06/12/22 14:34	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		06/11/22 18:51	06/12/22 14:34	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		06/11/22 18:51	06/12/22 14:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	06/11/22 18:51	06/12/22 14:34	1
1,4-Difluorobenzene (Surr)	90		70 - 130	06/11/22 18:51	06/12/22 14:34	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			06/10/22 09:57	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B-123

Date Collected: 06/06/22 12:55

Date Received: 06/08/22 08:18

Sample Depth: 6' - 7'

Lab Sample ID: 890-2388-18

Matrix: Solid

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0	mg/Kg		06/09/22 11:45	06/10/22 04:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/09/22 11:45	06/10/22 04:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/09/22 11:45	06/10/22 04:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130			06/09/22 11:45	06/10/22 04:31	1
o-Terphenyl (Surr)	96		70 - 130			06/09/22 11:45	06/10/22 04:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	58.6		5.00	mg/Kg			06/14/22 18:20	1

Client Sample ID: B-124

Date Collected: 06/06/22 13:24

Date Received: 06/08/22 08:18

Sample Depth: 6' - 8'

Lab Sample ID: 890-2388-19

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200	mg/Kg		06/14/22 11:32	06/15/22 04:03	1
Toluene	<0.00200	U F1	0.00200	mg/Kg		06/14/22 11:32	06/15/22 04:03	1
Ethylbenzene	<0.00200	U F1	0.00200	mg/Kg		06/14/22 11:32	06/15/22 04:03	1
m,p-Xylenes	<0.00401	U F1	0.00401	mg/Kg		06/14/22 11:32	06/15/22 04:03	1
o-Xylene	<0.00200	U F1	0.00200	mg/Kg		06/14/22 11:32	06/15/22 04:03	1
Xylenes, Total	<0.00401	U F1	0.00401	mg/Kg		06/14/22 11:32	06/15/22 04:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130			06/14/22 11:32	06/15/22 04:03	1
1,4-Difluorobenzene (Surr)	95		70 - 130			06/14/22 11:32	06/15/22 04:03	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *	49.9	mg/Kg		06/09/22 11:45	06/10/22 04:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/09/22 11:45	06/10/22 04:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/09/22 11:45	06/10/22 04:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130			06/09/22 11:45	06/10/22 04:51	1
o-Terphenyl (Surr)	100		70 - 130			06/09/22 11:45	06/10/22 04:51	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B-124

Date Collected: 06/06/22 13:24

Date Received: 06/08/22 08:18

Sample Depth: 6' - 8'

Lab Sample ID: 890-2388-19

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	69.3		5.00	mg/Kg			06/14/22 18:29	1

Client Sample ID: B-125

Date Collected: 06/06/22 12:58

Date Received: 06/08/22 08:18

Sample Depth: 6' - 8'

Lab Sample ID: 890-2388-20

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/14/22 11:32	06/15/22 04:23	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/14/22 11:32	06/15/22 04:23	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/14/22 11:32	06/15/22 04:23	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		06/14/22 11:32	06/15/22 04:23	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/14/22 11:32	06/15/22 04:23	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		06/14/22 11:32	06/15/22 04:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130			06/14/22 11:32	06/15/22 04:23	1
1,4-Difluorobenzene (Surr)	94		70 - 130			06/14/22 11:32	06/15/22 04:23	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0	mg/Kg		06/09/22 11:45	06/10/22 05:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/09/22 11:45	06/10/22 05:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/09/22 11:45	06/10/22 05:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130			06/09/22 11:45	06/10/22 05:12	1
o-Terphenyl (Surr)	98		70 - 130			06/09/22 11:45	06/10/22 05:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.2		4.95	mg/Kg			06/14/22 18:38	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B-126

Lab Sample ID: 890-2388-21

Date Collected: 06/06/22 13:00

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 6' - 8'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F1	0.00201	mg/Kg	-	06/09/22 12:16	06/15/22 02:47	1
Toluene	<0.00201	U F1	0.00201	mg/Kg	-	06/09/22 12:16	06/15/22 02:47	1
Ethylbenzene	<0.00201	U F1	0.00201	mg/Kg	-	06/09/22 12:16	06/15/22 02:47	1
m,p-Xylenes	<0.00402	U F1	0.00402	mg/Kg	-	06/09/22 12:16	06/15/22 02:47	1
o-Xylene	<0.00201	U F1	0.00201	mg/Kg	-	06/09/22 12:16	06/15/22 02:47	1
Xylenes, Total	<0.00402	U F1	0.00402	mg/Kg	-	06/09/22 12:16	06/15/22 02:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	06/09/22 12:16	06/15/22 02:47	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/09/22 12:16	06/15/22 02:47	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg	-		06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg	-		06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9	mg/Kg	-	06/09/22 11:48	06/11/22 12:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg	-	06/09/22 11:48	06/11/22 12:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg	-	06/09/22 11:48	06/11/22 12:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130	06/09/22 11:48	06/11/22 12:00	1
o-Terphenyl (Surr)	99		70 - 130	06/09/22 11:48	06/11/22 12:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	524		4.98	mg/Kg	-		06/15/22 13:42	1

Client Sample ID: B-127

Lab Sample ID: 890-2388-22

Date Collected: 06/06/22 13:04

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 6' - 8'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg	-	06/09/22 12:16	06/15/22 03:13	1
Toluene	<0.00201	U	0.00201	mg/Kg	-	06/09/22 12:16	06/15/22 03:13	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg	-	06/09/22 12:16	06/15/22 03:13	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg	-	06/09/22 12:16	06/15/22 03:13	1
o-Xylene	<0.00201	U	0.00201	mg/Kg	-	06/09/22 12:16	06/15/22 03:13	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg	-	06/09/22 12:16	06/15/22 03:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	06/09/22 12:16	06/15/22 03:13	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B-127

Lab Sample ID: 890-2388-22

Date Collected: 06/06/22 13:04

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 6' - 8'

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	108		70 - 130	06/09/22 12:16	06/15/22 03:13	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0	mg/Kg		06/09/22 11:48	06/11/22 13:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/09/22 11:48	06/11/22 13:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/09/22 11:48	06/11/22 13:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130			06/09/22 11:48	06/11/22 13:04	1
o-Terphenyl (Surr)	100		70 - 130			06/09/22 11:48	06/11/22 13:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	81.0		5.00	mg/Kg			06/15/22 14:09	1

Client Sample ID: B-128

Lab Sample ID: 890-2388-23

Date Collected: 06/06/22 13:12

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 6' - 8'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		06/09/22 12:16	06/15/22 03:40	1
Toluene	<0.00202	U	0.00202	mg/Kg		06/09/22 12:16	06/15/22 03:40	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		06/09/22 12:16	06/15/22 03:40	1
m,p-Xylenes	<0.00404	U	0.00404	mg/Kg		06/09/22 12:16	06/15/22 03:40	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		06/09/22 12:16	06/15/22 03:40	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		06/09/22 12:16	06/15/22 03:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	06/09/22 12:16	06/15/22 03:40	1
1,4-Difluorobenzene (Surr)	106		70 - 130	06/09/22 12:16	06/15/22 03:40	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			06/10/22 09:57	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B-128

Date Collected: 06/06/22 13:12

Date Received: 06/08/22 08:18

Sample Depth: 6' - 8'

Lab Sample ID: 890-2388-23

Matrix: Solid

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0	mg/Kg		06/09/22 11:48	06/11/22 13:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/09/22 11:48	06/11/22 13:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/09/22 11:48	06/11/22 13:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	86		70 - 130			06/09/22 11:48	06/11/22 13:27	1
o-Terphenyl (Surr)	89		70 - 130			06/09/22 11:48	06/11/22 13:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	227		4.99	mg/Kg			06/15/22 14:19	1

Client Sample ID: B-129

Date Collected: 06/06/22 13:16

Date Received: 06/08/22 08:18

Sample Depth: 6' - 8'

Lab Sample ID: 890-2388-24

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:16	06/15/22 04:07	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:16	06/15/22 04:07	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:16	06/15/22 04:07	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		06/09/22 12:16	06/15/22 04:07	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:16	06/15/22 04:07	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		06/09/22 12:16	06/15/22 04:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130			06/09/22 12:16	06/15/22 04:07	1
1,4-Difluorobenzene (Surr)	102		70 - 130			06/09/22 12:16	06/15/22 04:07	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9	mg/Kg		06/09/22 11:48	06/11/22 13:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/09/22 11:48	06/11/22 13:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/09/22 11:48	06/11/22 13:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130			06/09/22 11:48	06/11/22 13:49	1
o-Terphenyl (Surr)	90		70 - 130			06/09/22 11:48	06/11/22 13:49	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B-129

Date Collected: 06/06/22 13:16

Date Received: 06/08/22 08:18

Sample Depth: 6' - 8'

Lab Sample ID: 890-2388-24

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		5.01	mg/Kg			06/15/22 14:28	1

Client Sample ID: B-130

Date Collected: 06/06/22 13:18

Date Received: 06/08/22 08:18

Sample Depth: 6' - 8'

Lab Sample ID: 890-2388-25

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		06/09/22 12:16	06/15/22 04:34	1
Toluene	<0.00199	U	0.00199	mg/Kg		06/09/22 12:16	06/15/22 04:34	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		06/09/22 12:16	06/15/22 04:34	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		06/09/22 12:16	06/15/22 04:34	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		06/09/22 12:16	06/15/22 04:34	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		06/09/22 12:16	06/15/22 04:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130			06/09/22 12:16	06/15/22 04:34	1
1,4-Difluorobenzene (Surr)	102		70 - 130			06/09/22 12:16	06/15/22 04:34	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0	mg/Kg		06/09/22 11:48	06/11/22 14:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/09/22 11:48	06/11/22 14:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/09/22 11:48	06/11/22 14:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	86		70 - 130			06/09/22 11:48	06/11/22 14:11	1
o-Terphenyl (Surr)	91		70 - 130			06/09/22 11:48	06/11/22 14:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.5		4.98	mg/Kg			06/15/22 14:37	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B-131

Lab Sample ID: 890-2388-26

Date Collected: 06/06/22 13:20

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 6' - 8'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:16	06/15/22 05:00	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:16	06/15/22 05:00	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:16	06/15/22 05:00	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		06/09/22 12:16	06/15/22 05:00	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:16	06/15/22 05:00	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		06/09/22 12:16	06/15/22 05:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	06/09/22 12:16	06/15/22 05:00	1
1,4-Difluorobenzene (Surr)	104		70 - 130	06/09/22 12:16	06/15/22 05:00	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0	mg/Kg		06/09/22 11:48	06/11/22 14:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/09/22 11:48	06/11/22 14:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/09/22 11:48	06/11/22 14:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	79		70 - 130	06/09/22 11:48	06/11/22 14:33	1
o-Terphenyl (Surr)	86		70 - 130	06/09/22 11:48	06/11/22 14:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.4		4.97	mg/Kg			06/15/22 15:05	1

Client Sample ID: B2-1

Lab Sample ID: 890-2388-27

Date Collected: 06/06/22 10:50

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 13 - 14'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		06/09/22 12:16	06/15/22 05:27	1
Toluene	<0.00199	U	0.00199	mg/Kg		06/09/22 12:16	06/15/22 05:27	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		06/09/22 12:16	06/15/22 05:27	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		06/09/22 12:16	06/15/22 05:27	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		06/09/22 12:16	06/15/22 05:27	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		06/09/22 12:16	06/15/22 05:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	06/09/22 12:16	06/15/22 05:27	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B2-1

Date Collected: 06/06/22 10:50

Date Received: 06/08/22 08:18

Sample Depth: 13 - 14'

Lab Sample ID: 890-2388-27

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	105		70 - 130	06/09/22 12:16	06/15/22 05:27	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0	mg/Kg		06/09/22 11:48	06/11/22 14:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/09/22 11:48	06/11/22 14:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/09/22 11:48	06/11/22 14:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130			06/09/22 11:48	06/11/22 14:56	1
o-Terphenyl (Surr)	100		70 - 130			06/09/22 11:48	06/11/22 14:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.2		5.00	mg/Kg			06/15/22 15:14	1

Client Sample ID: B2-2

Date Collected: 06/06/22 10:54

Date Received: 06/08/22 08:18

Sample Depth: 13 - 14'

Lab Sample ID: 890-2388-28

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:16	06/15/22 05:54	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:16	06/15/22 05:54	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:16	06/15/22 05:54	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		06/09/22 12:16	06/15/22 05:54	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:16	06/15/22 05:54	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/09/22 12:16	06/15/22 05:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	06/09/22 12:16	06/15/22 05:54	1
1,4-Difluorobenzene (Surr)	106		70 - 130	06/09/22 12:16	06/15/22 05:54	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			06/10/22 09:57	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B2-2

Date Collected: 06/06/22 10:54

Date Received: 06/08/22 08:18

Sample Depth: 13 - 14'

Lab Sample ID: 890-2388-28

Matrix: Solid

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0	mg/Kg		06/09/22 11:48	06/11/22 15:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/09/22 11:48	06/11/22 15:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/09/22 11:48	06/11/22 15:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130			06/09/22 11:48	06/11/22 15:18	1
o-Terphenyl (Surr)	96		70 - 130			06/09/22 11:48	06/11/22 15:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.3		5.00	mg/Kg			06/15/22 15:23	1

Client Sample ID: B2-3

Date Collected: 06/06/22 10:57

Date Received: 06/08/22 08:18

Sample Depth: 13 - 14'

Lab Sample ID: 890-2388-29

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		06/09/22 12:16	06/15/22 06:20	1
Toluene	<0.00198	U	0.00198	mg/Kg		06/09/22 12:16	06/15/22 06:20	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		06/09/22 12:16	06/15/22 06:20	1
m,p-Xylenes	<0.00396	U	0.00396	mg/Kg		06/09/22 12:16	06/15/22 06:20	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		06/09/22 12:16	06/15/22 06:20	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		06/09/22 12:16	06/15/22 06:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130			06/09/22 12:16	06/15/22 06:20	1
1,4-Difluorobenzene (Surr)	95		70 - 130			06/09/22 12:16	06/15/22 06:20	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9	mg/Kg		06/09/22 11:48	06/11/22 15:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/09/22 11:48	06/11/22 15:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/09/22 11:48	06/11/22 15:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130			06/09/22 11:48	06/11/22 15:40	1
o-Terphenyl (Surr)	91		70 - 130			06/09/22 11:48	06/11/22 15:40	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B2-3

Date Collected: 06/06/22 10:57

Date Received: 06/08/22 08:18

Sample Depth: 13 - 14'

Lab Sample ID: 890-2388-29

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.4		4.99	mg/Kg			06/15/22 15:33	1

Client Sample ID: B2-4

Date Collected: 06/06/22 11:00

Date Received: 06/08/22 08:18

Sample Depth: 13 - 14'

Lab Sample ID: 890-2388-30

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		06/09/22 12:16	06/15/22 06:46	1
Toluene	<0.00201	U	0.00201	mg/Kg		06/09/22 12:16	06/15/22 06:46	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		06/09/22 12:16	06/15/22 06:46	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		06/09/22 12:16	06/15/22 06:46	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		06/09/22 12:16	06/15/22 06:46	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		06/09/22 12:16	06/15/22 06:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130			06/09/22 12:16	06/15/22 06:46	1
1,4-Difluorobenzene (Surr)	103		70 - 130			06/09/22 12:16	06/15/22 06:46	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9	mg/Kg		06/09/22 11:48	06/11/22 16:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/09/22 11:48	06/11/22 16:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/09/22 11:48	06/11/22 16:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130			06/09/22 11:48	06/11/22 16:02	1
o-Terphenyl (Surr)	96		70 - 130			06/09/22 11:48	06/11/22 16:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.2		4.95	mg/Kg			06/15/22 15:42	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B2-5

Lab Sample ID: 890-2388-31

Date Collected: 06/06/22 11:03

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 10' - 14'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:16	06/15/22 08:35	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:16	06/15/22 08:35	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:16	06/15/22 08:35	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		06/09/22 12:16	06/15/22 08:35	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:16	06/15/22 08:35	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		06/09/22 12:16	06/15/22 08:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	06/09/22 12:16	06/15/22 08:35	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/09/22 12:16	06/15/22 08:35	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9	mg/Kg		06/09/22 11:48	06/11/22 16:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/09/22 11:48	06/11/22 16:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/09/22 11:48	06/11/22 16:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	86		70 - 130	06/09/22 11:48	06/11/22 16:46	1
o-Terphenyl (Surr)	93		70 - 130	06/09/22 11:48	06/11/22 16:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.5		5.04	mg/Kg			06/15/22 15:51	1

Client Sample ID: B2-6

Lab Sample ID: 890-2388-32

Date Collected: 06/06/22 11:05

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 10' - 14'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		06/15/22 10:22	06/15/22 18:04	1
Toluene	<0.00201	U	0.00201	mg/Kg		06/15/22 10:22	06/15/22 18:04	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		06/15/22 10:22	06/15/22 18:04	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		06/15/22 10:22	06/15/22 18:04	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		06/15/22 10:22	06/15/22 18:04	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		06/15/22 10:22	06/15/22 18:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	06/15/22 10:22	06/15/22 18:04	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B2-6

Date Collected: 06/06/22 11:05

Date Received: 06/08/22 08:18

Sample Depth: 10' - 14'

Lab Sample ID: 890-2388-32

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	89		70 - 130	06/15/22 10:22	06/15/22 18:04	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8	mg/Kg		06/09/22 11:48	06/11/22 17:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		06/09/22 11:48	06/11/22 17:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		06/09/22 11:48	06/11/22 17:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130			06/09/22 11:48	06/11/22 17:09	1
o-Terphenyl (Surr)	98		70 - 130			06/09/22 11:48	06/11/22 17:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.2		4.98	mg/Kg			06/15/22 16:19	1

Client Sample ID: R-1

Date Collected: 06/06/22 12:15

Date Received: 06/08/22 08:18

Sample Depth: 8' - 10'

Lab Sample ID: 890-2388-33

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/15/22 10:22	06/15/22 18:30	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/15/22 10:22	06/15/22 18:30	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/15/22 10:22	06/15/22 18:30	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		06/15/22 10:22	06/15/22 18:30	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/15/22 10:22	06/15/22 18:30	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		06/15/22 10:22	06/15/22 18:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	06/15/22 10:22	06/15/22 18:30	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/15/22 10:22	06/15/22 18:30	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			06/10/22 09:57	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: R-1

Lab Sample ID: 890-2388-33

Date Collected: 06/06/22 12:15

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 8' - 10'

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0	mg/Kg		06/09/22 11:48	06/11/22 17:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/09/22 11:48	06/11/22 17:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/09/22 11:48	06/11/22 17:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	84		70 - 130			06/09/22 11:48	06/11/22 17:31	1
o-Terphenyl (Surr)	91		70 - 130			06/09/22 11:48	06/11/22 17:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	89.0		4.99	mg/Kg			06/15/22 16:28	1

Client Sample ID: R-2

Lab Sample ID: 890-2388-34

Date Collected: 06/06/22 12:18

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 8' - 10'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/15/22 10:22	06/15/22 18:56	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/15/22 10:22	06/15/22 18:56	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/15/22 10:22	06/15/22 18:56	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		06/15/22 10:22	06/15/22 18:56	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/15/22 10:22	06/15/22 18:56	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		06/15/22 10:22	06/15/22 18:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130			06/15/22 10:22	06/15/22 18:56	1
1,4-Difluorobenzene (Surr)	92		70 - 130			06/15/22 10:22	06/15/22 18:56	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0	mg/Kg		06/09/22 11:48	06/11/22 17:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/09/22 11:48	06/11/22 17:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/09/22 11:48	06/11/22 17:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	88		70 - 130			06/09/22 11:48	06/11/22 17:53	1
o-Terphenyl (Surr)	93		70 - 130			06/09/22 11:48	06/11/22 17:53	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: R-2

Date Collected: 06/06/22 12:18

Date Received: 06/08/22 08:18

Sample Depth: 8' - 10'

Lab Sample ID: 890-2388-34

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.4		5.00	mg/Kg			06/15/22 16:56	1

Client Sample ID: R-3

Date Collected: 06/06/22 12:20

Date Received: 06/08/22 08:18

Sample Depth: 8' - 10'

Lab Sample ID: 890-2388-35

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		06/15/22 10:22	06/15/22 19:22	1
Toluene	<0.00199	U	0.00199	mg/Kg		06/15/22 10:22	06/15/22 19:22	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		06/15/22 10:22	06/15/22 19:22	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		06/15/22 10:22	06/15/22 19:22	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		06/15/22 10:22	06/15/22 19:22	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		06/15/22 10:22	06/15/22 19:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130			06/15/22 10:22	06/15/22 19:22	1
1,4-Difluorobenzene (Surr)	98		70 - 130			06/15/22 10:22	06/15/22 19:22	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9	mg/Kg		06/09/22 11:48	06/11/22 18:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/09/22 11:48	06/11/22 18:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/09/22 11:48	06/11/22 18:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	83		70 - 130			06/09/22 11:48	06/11/22 18:14	1
o-Terphenyl (Surr)	93		70 - 130			06/09/22 11:48	06/11/22 18:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.23		5.00	mg/Kg			06/15/22 17:05	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: W2-1

Lab Sample ID: 890-2388-36

Date Collected: 06/06/22 12:27

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 8' - 14'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		06/15/22 10:22	06/15/22 19:49	1
Toluene	<0.00199	U	0.00199	mg/Kg		06/15/22 10:22	06/15/22 19:49	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		06/15/22 10:22	06/15/22 19:49	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		06/15/22 10:22	06/15/22 19:49	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		06/15/22 10:22	06/15/22 19:49	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		06/15/22 10:22	06/15/22 19:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	06/15/22 10:22	06/15/22 19:49	1
1,4-Difluorobenzene (Surr)	92		70 - 130	06/15/22 10:22	06/15/22 19:49	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9	mg/Kg		06/09/22 11:48	06/11/22 18:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/09/22 11:48	06/11/22 18:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/09/22 11:48	06/11/22 18:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	81		70 - 130	06/09/22 11:48	06/11/22 18:36	1
o-Terphenyl (Surr)	86		70 - 130	06/09/22 11:48	06/11/22 18:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.8		4.97	mg/Kg			06/15/22 17:14	1

Client Sample ID: W2-2

Lab Sample ID: 890-2388-37

Date Collected: 06/06/22 12:32

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 8' - 14'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		06/15/22 10:22	06/15/22 20:15	1
Toluene	<0.00198	U	0.00198	mg/Kg		06/15/22 10:22	06/15/22 20:15	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		06/15/22 10:22	06/15/22 20:15	1
m,p-Xylenes	<0.00397	U	0.00397	mg/Kg		06/15/22 10:22	06/15/22 20:15	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		06/15/22 10:22	06/15/22 20:15	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		06/15/22 10:22	06/15/22 20:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	06/15/22 10:22	06/15/22 20:15	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: W2-2

Lab Sample ID: 890-2388-37

Date Collected: 06/06/22 12:32

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 8' - 14'

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	90		70 - 130	06/15/22 10:22	06/15/22 20:15	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0	mg/Kg		06/09/22 11:48	06/11/22 18:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/09/22 11:48	06/11/22 18:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/09/22 11:48	06/11/22 18:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130			06/09/22 11:48	06/11/22 18:58	1
o-Terphenyl (Surr)	97		70 - 130			06/09/22 11:48	06/11/22 18:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.2		4.95	mg/Kg			06/15/22 17:23	1

Client Sample ID: W2-3

Lab Sample ID: 890-2388-38

Date Collected: 06/06/22 12:35

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 8' - 14'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		06/15/22 10:22	06/15/22 20:41	1
Toluene	<0.00199	U	0.00199	mg/Kg		06/15/22 10:22	06/15/22 20:41	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		06/15/22 10:22	06/15/22 20:41	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		06/15/22 10:22	06/15/22 20:41	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		06/15/22 10:22	06/15/22 20:41	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		06/15/22 10:22	06/15/22 20:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	06/15/22 10:22	06/15/22 20:41	1
1,4-Difluorobenzene (Surr)	95		70 - 130	06/15/22 10:22	06/15/22 20:41	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			06/10/22 09:57	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: W2-3

Lab Sample ID: 890-2388-38

Date Collected: 06/06/22 12:35

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 8' - 14'

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0	mg/Kg		06/09/22 11:48	06/11/22 19:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/09/22 11:48	06/11/22 19:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/09/22 11:48	06/11/22 19:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	81		70 - 130			06/09/22 11:48	06/11/22 19:20	1
o-Terphenyl (Surr)	84		70 - 130			06/09/22 11:48	06/11/22 19:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.3		4.99	mg/Kg			06/15/22 17:33	1

Client Sample ID: W-1

Lab Sample ID: 890-2388-39

Date Collected: 06/06/22 14:24

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 0' - 8'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/15/22 10:22	06/15/22 21:07	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/15/22 10:22	06/15/22 21:07	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/15/22 10:22	06/15/22 21:07	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		06/15/22 10:22	06/15/22 21:07	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/15/22 10:22	06/15/22 21:07	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		06/15/22 10:22	06/15/22 21:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130			06/15/22 10:22	06/15/22 21:07	1
1,4-Difluorobenzene (Surr)	105		70 - 130			06/15/22 10:22	06/15/22 21:07	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0	mg/Kg		06/09/22 11:48	06/11/22 19:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/09/22 11:48	06/11/22 19:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/09/22 11:48	06/11/22 19:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	82		70 - 130			06/09/22 11:48	06/11/22 19:42	1
o-Terphenyl (Surr)	89		70 - 130			06/09/22 11:48	06/11/22 19:42	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: W-1

Date Collected: 06/06/22 14:24

Date Received: 06/08/22 08:18

Sample Depth: 0' - 8'

Lab Sample ID: 890-2388-39

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.6		5.05	mg/Kg			06/15/22 17:42	1

Client Sample ID: W-2

Date Collected: 06/06/22 14:27

Date Received: 06/08/22 08:18

Sample Depth: 0' - 8'

Lab Sample ID: 890-2388-40

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/15/22 10:22	06/15/22 21:34	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/15/22 10:22	06/15/22 21:34	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/15/22 10:22	06/15/22 21:34	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		06/15/22 10:22	06/15/22 21:34	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/15/22 10:22	06/15/22 21:34	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		06/15/22 10:22	06/15/22 21:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130			06/15/22 10:22	06/15/22 21:34	1
1,4-Difluorobenzene (Surr)	92		70 - 130			06/15/22 10:22	06/15/22 21:34	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9	mg/Kg		06/09/22 11:48	06/11/22 20:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/09/22 11:48	06/11/22 20:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/09/22 11:48	06/11/22 20:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	82		70 - 130			06/09/22 11:48	06/11/22 20:04	1
o-Terphenyl (Surr)	88		70 - 130			06/09/22 11:48	06/11/22 20:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.9		4.97	mg/Kg			06/15/22 17:51	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: W-3

Lab Sample ID: 890-2388-41

Date Collected: 06/06/22 14:32

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 0' - 8'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F1	0.00201	mg/Kg	-	06/09/22 12:25	06/15/22 12:02	1
Toluene	<0.00201	U	0.00201	mg/Kg	-	06/09/22 12:25	06/15/22 12:02	1
Ethylbenzene	<0.00201	U F1	0.00201	mg/Kg	-	06/09/22 12:25	06/15/22 12:02	1
m,p-Xylenes	<0.00402	U F1	0.00402	mg/Kg	-	06/09/22 12:25	06/15/22 12:02	1
o-Xylene	<0.00201	U F1	0.00201	mg/Kg	-	06/09/22 12:25	06/15/22 12:02	1
Xylenes, Total	<0.00402	U F1	0.00402	mg/Kg	-	06/09/22 12:25	06/15/22 12:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	06/09/22 12:25	06/15/22 12:02	1
1,4-Difluorobenzene (Surr)	105		70 - 130	06/09/22 12:25	06/15/22 12:02	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg	-		06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg	-		06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg	-	06/09/22 14:26	06/10/22 11:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg	-	06/09/22 14:26	06/10/22 11:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg	-	06/09/22 14:26	06/10/22 11:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	88		70 - 130	06/09/22 14:26	06/10/22 11:22	1
o-Terphenyl (Surr)	93		70 - 130	06/09/22 14:26	06/10/22 11:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	644	F1	5.04	mg/Kg	-		06/15/22 14:11	1

Client Sample ID: W-4

Lab Sample ID: 890-2388-42

Date Collected: 06/06/22 14:37

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 0' - 8'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg	-	06/09/22 12:25	06/15/22 12:23	1
Toluene	<0.00201	U	0.00201	mg/Kg	-	06/09/22 12:25	06/15/22 12:23	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg	-	06/09/22 12:25	06/15/22 12:23	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg	-	06/09/22 12:25	06/15/22 12:23	1
o-Xylene	<0.00201	U	0.00201	mg/Kg	-	06/09/22 12:25	06/15/22 12:23	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg	-	06/09/22 12:25	06/15/22 12:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	06/09/22 12:25	06/15/22 12:23	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: W-4

Lab Sample ID: 890-2388-42

Date Collected: 06/06/22 14:37

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 0' - 8'

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	109		70 - 130	06/09/22 12:25	06/15/22 12:23	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		06/09/22 14:26	06/10/22 12:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/09/22 14:26	06/10/22 12:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/09/22 14:26	06/10/22 12:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130			06/09/22 14:26	06/10/22 12:27	1
o-Terphenyl (Surr)	95		70 - 130			06/09/22 14:26	06/10/22 12:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.8		4.95	mg/Kg			06/15/22 14:30	1

Client Sample ID: W-5

Lab Sample ID: 890-2388-43

Date Collected: 06/06/22 14:40

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 0' - 8'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		06/09/22 12:25	06/15/22 12:44	1
Toluene	<0.00202	U	0.00202	mg/Kg		06/09/22 12:25	06/15/22 12:44	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		06/09/22 12:25	06/15/22 12:44	1
m,p-Xylenes	<0.00404	U	0.00404	mg/Kg		06/09/22 12:25	06/15/22 12:44	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		06/09/22 12:25	06/15/22 12:44	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		06/09/22 12:25	06/15/22 12:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	06/09/22 12:25	06/15/22 12:44	1
1,4-Difluorobenzene (Surr)	103		70 - 130	06/09/22 12:25	06/15/22 12:44	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			06/10/22 09:57	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: W-5

Lab Sample ID: 890-2388-43

Date Collected: 06/06/22 14:40

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 0' - 8'

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		06/09/22 14:26	06/10/22 12:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/09/22 14:26	06/10/22 12:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/09/22 14:26	06/10/22 12:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130			06/09/22 14:26	06/10/22 12:49	1
o-Terphenyl (Surr)	96		70 - 130			06/09/22 14:26	06/10/22 12:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	123		4.98	mg/Kg			06/15/22 14:37	1

Client Sample ID: W-6

Lab Sample ID: 890-2388-44

Date Collected: 06/06/22 14:43

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 0' - 8'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		06/09/22 12:25	06/15/22 13:05	1
Toluene	<0.00199	U	0.00199	mg/Kg		06/09/22 12:25	06/15/22 13:05	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		06/09/22 12:25	06/15/22 13:05	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		06/09/22 12:25	06/15/22 13:05	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		06/09/22 12:25	06/15/22 13:05	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		06/09/22 12:25	06/15/22 13:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130			06/09/22 12:25	06/15/22 13:05	1
1,4-Difluorobenzene (Surr)	95		70 - 130			06/09/22 12:25	06/15/22 13:05	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		06/09/22 14:26	06/10/22 13:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/09/22 14:26	06/10/22 13:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/09/22 14:26	06/10/22 13:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	97		70 - 130			06/09/22 14:26	06/10/22 13:10	1
o-Terphenyl (Surr)	98		70 - 130			06/09/22 14:26	06/10/22 13:10	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: W-6

Date Collected: 06/06/22 14:43

Date Received: 06/08/22 08:18

Sample Depth: 0' - 8'

Lab Sample ID: 890-2388-44

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.19		5.00	mg/Kg			06/15/22 14:43	1

Client Sample ID: W-7

Date Collected: 06/06/22 14:45

Date Received: 06/08/22 08:18

Sample Depth: 0' - 8'

Lab Sample ID: 890-2388-45

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		06/09/22 12:25	06/15/22 13:25	1
Toluene	<0.00198	U	0.00198	mg/Kg		06/09/22 12:25	06/15/22 13:25	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		06/09/22 12:25	06/15/22 13:25	1
m,p-Xylenes	<0.00396	U	0.00396	mg/Kg		06/09/22 12:25	06/15/22 13:25	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		06/09/22 12:25	06/15/22 13:25	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		06/09/22 12:25	06/15/22 13:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130			06/09/22 12:25	06/15/22 13:25	1
1,4-Difluorobenzene (Surr)	107		70 - 130			06/09/22 12:25	06/15/22 13:25	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		06/09/22 14:26	06/10/22 13:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/09/22 14:26	06/10/22 13:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/09/22 14:26	06/10/22 13:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130			06/09/22 14:26	06/10/22 13:32	1
o-Terphenyl (Surr)	94		70 - 130			06/09/22 14:26	06/10/22 13:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.96		4.97	mg/Kg			06/15/22 14:49	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: W-8

Lab Sample ID: 890-2388-46

Date Collected: 06/06/22 14:47

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 0' - 8'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:25	06/15/22 13:46	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:25	06/15/22 13:46	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:25	06/15/22 13:46	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		06/09/22 12:25	06/15/22 13:46	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:25	06/15/22 13:46	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		06/09/22 12:25	06/15/22 13:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	06/09/22 12:25	06/15/22 13:46	1
1,4-Difluorobenzene (Surr)	102		70 - 130	06/09/22 12:25	06/15/22 13:46	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		06/09/22 14:26	06/10/22 13:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/09/22 14:26	06/10/22 13:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/09/22 14:26	06/10/22 13:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130	06/09/22 14:26	06/10/22 13:54	1
o-Terphenyl (Surr)	104		70 - 130	06/09/22 14:26	06/10/22 13:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.96	U	4.96	mg/Kg			06/15/22 15:08	1

Client Sample ID: W-9

Lab Sample ID: 890-2388-47

Date Collected: 06/06/22 14:51

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 0' - 8'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:25	06/15/22 14:07	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:25	06/15/22 14:07	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:25	06/15/22 14:07	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		06/09/22 12:25	06/15/22 14:07	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:25	06/15/22 14:07	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/09/22 12:25	06/15/22 14:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	06/09/22 12:25	06/15/22 14:07	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: W-9

Date Collected: 06/06/22 14:51

Date Received: 06/08/22 08:18

Sample Depth: 0' - 8'

Lab Sample ID: 890-2388-47

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	110		70 - 130	06/09/22 12:25	06/15/22 14:07	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		06/09/22 14:26	06/10/22 14:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/09/22 14:26	06/10/22 14:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/09/22 14:26	06/10/22 14:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130			06/09/22 14:26	06/10/22 14:16	1
o-Terphenyl (Surr)	96		70 - 130			06/09/22 14:26	06/10/22 14:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.0		4.98	mg/Kg			06/15/22 15:14	1

Client Sample ID: W-10

Date Collected: 06/06/22 14:54

Date Received: 06/08/22 08:18

Sample Depth: 0' - 8'

Lab Sample ID: 890-2388-48

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		06/09/22 12:25	06/15/22 14:28	1
Toluene	<0.00198	U	0.00198	mg/Kg		06/09/22 12:25	06/15/22 14:28	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		06/09/22 12:25	06/15/22 14:28	1
m,p-Xylenes	<0.00397	U	0.00397	mg/Kg		06/09/22 12:25	06/15/22 14:28	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		06/09/22 12:25	06/15/22 14:28	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		06/09/22 12:25	06/15/22 14:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	06/09/22 12:25	06/15/22 14:28	1
1,4-Difluorobenzene (Surr)	108		70 - 130	06/09/22 12:25	06/15/22 14:28	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			06/10/22 09:57	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: W-10

Date Collected: 06/06/22 14:54

Date Received: 06/08/22 08:18

Sample Depth: 0' - 8'

Lab Sample ID: 890-2388-48

Matrix: Solid

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		06/09/22 14:26	06/10/22 14:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/09/22 14:26	06/10/22 14:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/09/22 14:26	06/10/22 14:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	97		70 - 130			06/09/22 14:26	06/10/22 14:37	1
o-Terphenyl (Surr)	101		70 - 130			06/09/22 14:26	06/10/22 14:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	143		4.99	mg/Kg			06/15/22 15:21	1

Client Sample ID: W-11

Date Collected: 06/06/22 15:00

Date Received: 06/08/22 08:18

Sample Depth: 0' - 7'

Lab Sample ID: 890-2388-49

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		06/09/22 12:25	06/15/22 14:48	1
Toluene	<0.00202	U	0.00202	mg/Kg		06/09/22 12:25	06/15/22 14:48	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		06/09/22 12:25	06/15/22 14:48	1
m,p-Xylenes	<0.00404	U	0.00404	mg/Kg		06/09/22 12:25	06/15/22 14:48	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		06/09/22 12:25	06/15/22 14:48	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		06/09/22 12:25	06/15/22 14:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130			06/09/22 12:25	06/15/22 14:48	1
1,4-Difluorobenzene (Surr)	105		70 - 130			06/09/22 12:25	06/15/22 14:48	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		06/09/22 14:26	06/10/22 14:59	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		06/09/22 14:26	06/10/22 14:59	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		06/09/22 14:26	06/10/22 14:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130			06/09/22 14:26	06/10/22 14:59	1
o-Terphenyl (Surr)	104		70 - 130			06/09/22 14:26	06/10/22 14:59	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: W-11

Date Collected: 06/06/22 15:00

Date Received: 06/08/22 08:18

Sample Depth: 0' - 7'

Lab Sample ID: 890-2388-49

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95	mg/Kg			06/15/22 15:27	1

Client Sample ID: W-12

Date Collected: 06/06/22 15:04

Date Received: 06/08/22 08:18

Sample Depth: 0' - 6'

Lab Sample ID: 890-2388-50

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		06/09/22 12:25	06/15/22 15:09	1
Toluene	<0.00201	U	0.00201	mg/Kg		06/09/22 12:25	06/15/22 15:09	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		06/09/22 12:25	06/15/22 15:09	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		06/09/22 12:25	06/15/22 15:09	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		06/09/22 12:25	06/15/22 15:09	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		06/09/22 12:25	06/15/22 15:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130			06/09/22 12:25	06/15/22 15:09	1
1,4-Difluorobenzene (Surr)	96		70 - 130			06/09/22 12:25	06/15/22 15:09	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		06/09/22 14:26	06/10/22 15:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/09/22 14:26	06/10/22 15:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/09/22 14:26	06/10/22 15:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130			06/09/22 14:26	06/10/22 15:21	1
o-Terphenyl (Surr)	104		70 - 130			06/09/22 14:26	06/10/22 15:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.8		4.97	mg/Kg			06/15/22 15:33	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: W-13

Lab Sample ID: 890-2388-51

Date Collected: 06/06/22 15:06

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 0' - 6'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		06/09/22 12:25	06/15/22 17:12	1
Toluene	<0.00202	U	0.00202	mg/Kg		06/09/22 12:25	06/15/22 17:12	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		06/09/22 12:25	06/15/22 17:12	1
m,p-Xylenes	<0.00403	U	0.00403	mg/Kg		06/09/22 12:25	06/15/22 17:12	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		06/09/22 12:25	06/15/22 17:12	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		06/09/22 12:25	06/15/22 17:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	06/09/22 12:25	06/15/22 17:12	1
1,4-Difluorobenzene (Surr)	106		70 - 130	06/09/22 12:25	06/15/22 17:12	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		06/09/22 14:26	06/10/22 16:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/09/22 14:26	06/10/22 16:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/09/22 14:26	06/10/22 16:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130	06/09/22 14:26	06/10/22 16:05	1
o-Terphenyl (Surr)	108		70 - 130	06/09/22 14:26	06/10/22 16:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.2		4.96	mg/Kg			06/15/22 15:39	1

Client Sample ID: W-14

Lab Sample ID: 890-2388-52

Date Collected: 06/06/22 15:30

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 0' - 6'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:25	06/15/22 17:33	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:25	06/15/22 17:33	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:25	06/15/22 17:33	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		06/09/22 12:25	06/15/22 17:33	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:25	06/15/22 17:33	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		06/09/22 12:25	06/15/22 17:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	06/09/22 12:25	06/15/22 17:33	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: W-14

Lab Sample ID: 890-2388-52

Date Collected: 06/06/22 15:30

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 0' - 6'

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	108		70 - 130	06/09/22 12:25	06/15/22 17:33	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		06/09/22 14:26	06/10/22 16:27	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		06/09/22 14:26	06/10/22 16:27	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		06/09/22 14:26	06/10/22 16:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130			06/09/22 14:26	06/10/22 16:27	1
o-Terphenyl (Surr)	105		70 - 130			06/09/22 14:26	06/10/22 16:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.4		5.04	mg/Kg			06/15/22 15:58	1

Client Sample ID: W-15

Lab Sample ID: 890-2388-53

Date Collected: 06/06/22 15:35

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 0' - 6'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:25	06/15/22 17:54	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:25	06/15/22 17:54	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:25	06/15/22 17:54	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		06/09/22 12:25	06/15/22 17:54	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:25	06/15/22 17:54	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/09/22 12:25	06/15/22 17:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	06/09/22 12:25	06/15/22 17:54	1
1,4-Difluorobenzene (Surr)	104		70 - 130	06/09/22 12:25	06/15/22 17:54	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			06/10/22 09:57	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: W-15

Date Collected: 06/06/22 15:35

Date Received: 06/08/22 08:18

Sample Depth: 0' - 6'

Lab Sample ID: 890-2388-53

Matrix: Solid

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		06/09/22 14:26	06/10/22 16:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/09/22 14:26	06/10/22 16:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/09/22 14:26	06/10/22 16:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130			06/09/22 14:26	06/10/22 16:48	1
o-Terphenyl (Surr)	104		70 - 130			06/09/22 14:26	06/10/22 16:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98	mg/Kg			06/15/22 16:05	1

Client Sample ID: W-16

Date Collected: 06/06/22 15:40

Date Received: 06/08/22 08:18

Sample Depth: 0' - 6'

Lab Sample ID: 890-2388-54

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		06/09/22 12:25	06/15/22 18:14	1
Toluene	<0.00199	U	0.00199	mg/Kg		06/09/22 12:25	06/15/22 18:14	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		06/09/22 12:25	06/15/22 18:14	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		06/09/22 12:25	06/15/22 18:14	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		06/09/22 12:25	06/15/22 18:14	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		06/09/22 12:25	06/15/22 18:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130			06/09/22 12:25	06/15/22 18:14	1
1,4-Difluorobenzene (Surr)	109		70 - 130			06/09/22 12:25	06/15/22 18:14	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		06/09/22 14:26	06/10/22 17:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/09/22 14:26	06/10/22 17:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/09/22 14:26	06/10/22 17:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130			06/09/22 14:26	06/10/22 17:10	1
o-Terphenyl (Surr)	98		70 - 130			06/09/22 14:26	06/10/22 17:10	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: W-16

Date Collected: 06/06/22 15:40

Date Received: 06/08/22 08:18

Sample Depth: 0' - 6'

Lab Sample ID: 890-2388-54

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.43		4.95	mg/Kg			06/15/22 16:23	1

Client Sample ID: W-17

Date Collected: 06/06/22 15:42

Date Received: 06/08/22 08:18

Sample Depth: 0' - 6'

Lab Sample ID: 890-2388-55

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		06/09/22 12:25	06/15/22 18:35	1
Toluene	<0.00199	U	0.00199	mg/Kg		06/09/22 12:25	06/15/22 18:35	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		06/09/22 12:25	06/15/22 18:35	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		06/09/22 12:25	06/15/22 18:35	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		06/09/22 12:25	06/15/22 18:35	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		06/09/22 12:25	06/15/22 18:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130			06/09/22 12:25	06/15/22 18:35	1
1,4-Difluorobenzene (Surr)	109		70 - 130			06/09/22 12:25	06/15/22 18:35	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		06/09/22 14:26	06/10/22 17:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/09/22 14:26	06/10/22 17:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/09/22 14:26	06/10/22 17:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	97		70 - 130			06/09/22 14:26	06/10/22 17:32	1
o-Terphenyl (Surr)	95		70 - 130			06/09/22 14:26	06/10/22 17:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.5		4.97	mg/Kg			06/15/22 16:30	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: W-18

Lab Sample ID: 890-2388-56

Date Collected: 06/06/22 15:47

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 0' - 6'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		06/09/22 12:25	06/15/22 18:56	1
Toluene	<0.00201	U	0.00201	mg/Kg		06/09/22 12:25	06/15/22 18:56	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		06/09/22 12:25	06/15/22 18:56	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		06/09/22 12:25	06/15/22 18:56	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		06/09/22 12:25	06/15/22 18:56	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		06/09/22 12:25	06/15/22 18:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	06/09/22 12:25	06/15/22 18:56	1
1,4-Difluorobenzene (Surr)	102		70 - 130	06/09/22 12:25	06/15/22 18:56	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		06/09/22 14:26	06/10/22 17:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/09/22 14:26	06/10/22 17:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/09/22 14:26	06/10/22 17:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130	06/09/22 14:26	06/10/22 17:54	1
o-Terphenyl (Surr)	100		70 - 130	06/09/22 14:26	06/10/22 17:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.94		5.00	mg/Kg			06/15/22 16:36	1

Client Sample ID: W-19

Lab Sample ID: 890-2388-57

Date Collected: 06/06/22 15:51

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 0' - 7'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		06/09/22 12:25	06/15/22 19:17	1
Toluene	<0.00202	U	0.00202	mg/Kg		06/09/22 12:25	06/15/22 19:17	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		06/09/22 12:25	06/15/22 19:17	1
m,p-Xylenes	<0.00403	U	0.00403	mg/Kg		06/09/22 12:25	06/15/22 19:17	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		06/09/22 12:25	06/15/22 19:17	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		06/09/22 12:25	06/15/22 19:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	06/09/22 12:25	06/15/22 19:17	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: W-19

Date Collected: 06/06/22 15:51

Date Received: 06/08/22 08:18

Sample Depth: 0' - 7'

Lab Sample ID: 890-2388-57

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	110		70 - 130	06/09/22 12:25	06/15/22 19:17	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		06/09/22 14:26	06/10/22 18:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/09/22 14:26	06/10/22 18:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/09/22 14:26	06/10/22 18:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130			06/09/22 14:26	06/10/22 18:15	1
o-Terphenyl (Surr)	96		70 - 130			06/09/22 14:26	06/10/22 18:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.2		5.00	mg/Kg			06/15/22 16:42	1

Client Sample ID: W-20

Date Collected: 06/06/22 15:56

Date Received: 06/08/22 08:18

Sample Depth: 0' - 7'

Lab Sample ID: 890-2388-58

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		06/09/22 12:25	06/15/22 19:37	1
Toluene	<0.00202	U	0.00202	mg/Kg		06/09/22 12:25	06/15/22 19:37	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		06/09/22 12:25	06/15/22 19:37	1
m,p-Xylenes	<0.00404	U	0.00404	mg/Kg		06/09/22 12:25	06/15/22 19:37	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		06/09/22 12:25	06/15/22 19:37	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		06/09/22 12:25	06/15/22 19:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	06/09/22 12:25	06/15/22 19:37	1
1,4-Difluorobenzene (Surr)	112		70 - 130	06/09/22 12:25	06/15/22 19:37	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			06/10/22 09:57	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: W-20

Date Collected: 06/06/22 15:56

Date Received: 06/08/22 08:18

Sample Depth: 0' - 7'

Lab Sample ID: 890-2388-58

Matrix: Solid

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		06/09/22 14:26	06/10/22 18:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/09/22 14:26	06/10/22 18:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/09/22 14:26	06/10/22 18:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	93		70 - 130			06/09/22 14:26	06/10/22 18:37	1
o-Terphenyl (Surr)	98		70 - 130			06/09/22 14:26	06/10/22 18:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.95		4.98	mg/Kg			06/15/22 16:49	1

Client Sample ID: W-21

Date Collected: 06/06/22 16:10

Date Received: 06/08/22 08:18

Sample Depth: 0' - 7'

Lab Sample ID: 890-2388-59

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		06/09/22 12:25	06/15/22 19:58	1
Toluene	<0.00198	U	0.00198	mg/Kg		06/09/22 12:25	06/15/22 19:58	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		06/09/22 12:25	06/15/22 19:58	1
m,p-Xylenes	<0.00397	U	0.00397	mg/Kg		06/09/22 12:25	06/15/22 19:58	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		06/09/22 12:25	06/15/22 19:58	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		06/09/22 12:25	06/15/22 19:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130			06/09/22 12:25	06/15/22 19:58	1
1,4-Difluorobenzene (Surr)	107		70 - 130			06/09/22 12:25	06/15/22 19:58	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		06/09/22 14:26	06/10/22 18:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/09/22 14:26	06/10/22 18:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/09/22 14:26	06/10/22 18:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130			06/09/22 14:26	06/10/22 18:59	1
o-Terphenyl (Surr)	104		70 - 130			06/09/22 14:26	06/10/22 18:59	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: W-21

Date Collected: 06/06/22 16:10

Date Received: 06/08/22 08:18

Sample Depth: 0' - 7'

Lab Sample ID: 890-2388-59

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.8		4.96	mg/Kg			06/15/22 16:55	1

Client Sample ID: W-22

Date Collected: 06/06/22 16:13

Date Received: 06/08/22 08:18

Sample Depth: 0' - 7'

Lab Sample ID: 890-2388-60

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:25	06/15/22 20:19	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:25	06/15/22 20:19	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:25	06/15/22 20:19	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		06/09/22 12:25	06/15/22 20:19	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:25	06/15/22 20:19	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		06/09/22 12:25	06/15/22 20:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130			06/09/22 12:25	06/15/22 20:19	1
1,4-Difluorobenzene (Surr)	103		70 - 130			06/09/22 12:25	06/15/22 20:19	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		06/09/22 14:26	06/10/22 19:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/09/22 14:26	06/10/22 19:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/09/22 14:26	06/10/22 19:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130			06/09/22 14:26	06/10/22 19:21	1
o-Terphenyl (Surr)	93		70 - 130			06/09/22 14:26	06/10/22 19:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.45		5.01	mg/Kg			06/15/22 17:01	1

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Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: W-23

Lab Sample ID: 890-2388-61

Date Collected: 06/06/22 16:15

Matrix: Solid

Date Received: 06/08/22 08:18

Sample Depth: 0' - 7'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		06/09/22 17:00	06/09/22 18:48	1
Toluene	<0.00202	U	0.00202	mg/Kg		06/09/22 17:00	06/09/22 18:48	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		06/09/22 17:00	06/09/22 18:48	1
m,p-Xylenes	<0.00403	U	0.00403	mg/Kg		06/09/22 17:00	06/09/22 18:48	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		06/09/22 17:00	06/09/22 18:48	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		06/09/22 17:00	06/09/22 18:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	06/09/22 17:00	06/09/22 18:48	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/09/22 17:00	06/09/22 18:48	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			06/10/22 10:44	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			06/10/22 09:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2 F1	49.9	mg/Kg		06/10/22 08:24	06/11/22 21:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/10/22 08:24	06/11/22 21:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/10/22 08:24	06/11/22 21:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	86		70 - 130	06/10/22 08:24	06/11/22 21:54	1
o-Terphenyl (Surr)	94		70 - 130	06/10/22 08:24	06/11/22 21:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.3		4.99	mg/Kg			06/16/22 01:50	1

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Surrogate Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
890-2388-1	B-106	150 S1+	97
890-2388-1 MS	B-106	127	106
890-2388-1 MSD	B-106	99	96
890-2388-2	B-107	96	87
890-2388-3	B-108	109	93
890-2388-4	B-109	98	0.4 S1-
890-2388-5	B-110	95	99
890-2388-6	B-111	94	103
890-2388-7	B-112	135 S1+	104
890-2388-8	B-113	79	72
890-2388-9	B-114	105	88
890-2388-10	B-115	101	87
890-2388-11	B-116	109	96
890-2388-12	B-117	99	91
890-2388-13	B-118	104	93
890-2388-14	B-119	106	93
890-2388-15	B-120	107	93
890-2388-16	B-121	109	94
890-2388-17	B-122	105	87
890-2388-18	B-123	105	90
890-2388-19	B-124	108	95
890-2388-19 MS	B-124	92	89
890-2388-19 MSD	B-124	87	94
890-2388-20	B-125	109	94
890-2388-21	B-126	99	101
890-2388-21 MS	B-126	101	104
890-2388-21 MSD	B-126	105	105
890-2388-22	B-127	103	108
890-2388-23	B-128	107	106
890-2388-24	B-129	103	102
890-2388-25	B-130	101	102
890-2388-26	B-131	108	104
890-2388-27	B2-1	103	105
890-2388-28	B2-2	104	106
890-2388-29	B2-3	113	95
890-2388-30	B2-4	101	103
890-2388-31	B2-5	107	101
890-2388-32	B2-6	103	89
890-2388-32 MS	B2-6	106	98
890-2388-32 MSD	B2-6	105	106
890-2388-33	R-1	105	100
890-2388-34	R-2	109	92
890-2388-35	R-3	103	98
890-2388-36	W2-1	109	92
890-2388-37	W2-2	106	90
890-2388-38	W2-3	105	95
890-2388-39	W-1	115	105
890-2388-40	W-2	114	92
890-2388-41	W-3	89	105

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Surrogate Summary

Client: Ranger Environmental Services, Inc
 Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
 SDG: S178

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-2388-41 MS	W-3	105	92
890-2388-41 MSD	W-3	89	89
890-2388-42	W-4	94	109
890-2388-43	W-5	96	103
890-2388-44	W-6	92	95
890-2388-45	W-7	85	107
890-2388-46	W-8	114	102
890-2388-47	W-9	91	110
890-2388-48	W-10	94	108
890-2388-49	W-11	93	105
890-2388-50	W-12	118	96
890-2388-51	W-13	90	106
890-2388-52	W-14	94	108
890-2388-53	W-15	103	104
890-2388-54	W-16	89	109
890-2388-55	W-17	89	109
890-2388-56	W-18	112	102
890-2388-57	W-19	90	110
890-2388-58	W-20	94	112
890-2388-59	W-21	90	107
890-2388-60	W-22	107	103
890-2388-61	W-23	106	97
LCS 880-27164/1-A	Lab Control Sample	111	104
LCS 880-27176/1-A	Lab Control Sample	113	94
LCS 880-27180/1-A	Lab Control Sample	102	111
LCS 880-27184/1-A	Lab Control Sample	104	101
LCS 880-27338/1-A	Lab Control Sample	107	91
LCS 880-27499/1-A	Lab Control Sample	107	102
LCS 880-27599/1-A	Lab Control Sample	106	102
LCSD 880-27164/2-A	Lab Control Sample Dup	102	103
LCSD 880-27176/2-A	Lab Control Sample Dup	123	99
LCSD 880-27180/2-A	Lab Control Sample Dup	97	102
LCSD 880-27184/2-A	Lab Control Sample Dup	85	107
LCSD 880-27338/2-A	Lab Control Sample Dup	107	100
LCSD 880-27499/2-A	Lab Control Sample Dup	107	100
LCSD 880-27599/2-A	Lab Control Sample Dup	101	100
MB 880-27033/5-A	Method Blank	84	94
MB 880-27164/5-A	Method Blank	100	91
MB 880-27176/5-A	Method Blank	84	0.06 S1-
MB 880-27180/5-A	Method Blank	79	93
MB 880-27184/5-A	Method Blank	91	108
MB 880-27305/5-A	Method Blank	95	91
MB 880-27338/5-A	Method Blank	106	91
MB 880-27467/8	Method Blank	75	93
MB 880-27492/5-A	Method Blank	101	91
MB 880-27499/5-A	Method Blank	101	91
MB 880-27599/5-A	Method Blank	80	90

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

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Surrogate Summary

Client: Ranger Environmental Services, Inc
 Project/Site: Lakewood 28 Fed Com
 DFBZ = 1,4-Difluorobenzene (Surr)

Job ID: 890-2388-1
 SDG: S178

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-2388-1	B-106	106	111
890-2388-1 MS	B-106	100	90
890-2388-1 MSD	B-106	98	90
890-2388-2	B-107	103	109
890-2388-3	B-108	99	107
890-2388-4	B-109	107	115
890-2388-5	B-110	104	108
890-2388-6	B-111	96	99
890-2388-7	B-112	98	102
890-2388-8	B-113	104	109
890-2388-9	B-114	96	97
890-2388-10	B-115	101	104
890-2388-11	B-116	102	106
890-2388-12	B-117	92	96
890-2388-13	B-118	99	104
890-2388-14	B-119	99	103
890-2388-15	B-120	97	102
890-2388-16	B-121	91	92
890-2388-17	B-122	100	105
890-2388-18	B-123	94	96
890-2388-19	B-124	92	100
890-2388-20	B-125	99	98
890-2388-21	B-126	94	99
890-2388-21 MS	B-126	87	83
890-2388-21 MSD	B-126	83	79
890-2388-22	B-127	92	100
890-2388-23	B-128	86	89
890-2388-24	B-129	87	90
890-2388-25	B-130	86	91
890-2388-26	B-131	79	86
890-2388-27	B2-1	91	100
890-2388-28	B2-2	91	96
890-2388-29	B2-3	87	91
890-2388-30	B2-4	90	96
890-2388-31	B2-5	86	93
890-2388-32	B2-6	90	98
890-2388-33	R-1	84	91
890-2388-34	R-2	88	93
890-2388-35	R-3	83	93
890-2388-36	W2-1	81	86
890-2388-37	W2-2	87	97
890-2388-38	W2-3	81	84
890-2388-39	W-1	82	89
890-2388-40	W-2	82	88
890-2388-41	W-3	88	93
890-2388-41 MS	W-3	94	91
890-2388-41 MSD	W-3	89	82
890-2388-42	W-4	100	95

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Surrogate Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-2388-43	W-5	101	96
890-2388-44	W-6	97	98
890-2388-45	W-7	96	94
890-2388-46	W-8	100	104
890-2388-47	W-9	96	96
890-2388-48	W-10	97	101
890-2388-49	W-11	99	104
890-2388-50	W-12	101	104
890-2388-51	W-13	103	108
890-2388-52	W-14	103	105
890-2388-53	W-15	99	104
890-2388-54	W-16	100	98
890-2388-55	W-17	97	95
890-2388-56	W-18	104	100
890-2388-57	W-19	90	96
890-2388-58	W-20	93	98
890-2388-59	W-21	99	104
890-2388-60	W-22	96	93
890-2388-61	W-23	86	94
890-2388-61 MS	W-23	93	90
890-2388-61 MSD	W-23	82	80
LCS 880-27171/2-A	Lab Control Sample	89	86
LCS 880-27172/2-A	Lab Control Sample	93	96
LCS 880-27204/2-A	Lab Control Sample	108	112
LCS 880-27248/2-A	Lab Control Sample	99	104
LCSD 880-27171/3-A	Lab Control Sample Dup	91	86
LCSD 880-27172/3-A	Lab Control Sample Dup	104	103
LCSD 880-27204/3-A	Lab Control Sample Dup	110	116
LCSD 880-27248/3-A	Lab Control Sample Dup	93	96
MB 880-27171/1-A	Method Blank	97	103
MB 880-27172/1-A	Method Blank	88	94
MB 880-27204/1-A	Method Blank	87	94
MB 880-27248/1-A	Method Blank	91	102

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-27033/5-A

Matrix: Solid

Analysis Batch: 27241

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27033

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/07/22 16:09	06/10/22 11:47	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/07/22 16:09	06/10/22 11:47	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/07/22 16:09	06/10/22 11:47	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		06/07/22 16:09	06/10/22 11:47	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/07/22 16:09	06/10/22 11:47	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/07/22 16:09	06/10/22 11:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	06/07/22 16:09	06/10/22 11:47	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/07/22 16:09	06/10/22 11:47	1

Lab Sample ID: MB 880-27164/5-A

Matrix: Solid

Analysis Batch: 27136

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27164

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/09/22 10:05	06/09/22 12:16	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/09/22 10:05	06/09/22 12:16	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/09/22 10:05	06/09/22 12:16	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		06/09/22 10:05	06/09/22 12:16	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/09/22 10:05	06/09/22 12:16	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/09/22 10:05	06/09/22 12:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	06/09/22 10:05	06/09/22 12:16	1
1,4-Difluorobenzene (Surr)	91		70 - 130	06/09/22 10:05	06/09/22 12:16	1

Lab Sample ID: LCS 880-27164/1-A

Matrix: Solid

Analysis Batch: 27136

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27164

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1125		mg/Kg		112	70 - 130
Toluene	0.100	0.1094		mg/Kg		109	70 - 130
Ethylbenzene	0.100	0.1137		mg/Kg		114	70 - 130
m,p-Xylenes	0.200	0.2276		mg/Kg		114	70 - 130
o-Xylene	0.100	0.1160		mg/Kg		116	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-27164/2-A

Matrix: Solid

Analysis Batch: 27136

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27164

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09839		mg/Kg		98	70 - 130	13	35

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-27164/2-A

Matrix: Solid

Analysis Batch: 27136

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27164

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.09249		mg/Kg		92	70 - 130	17	35
Ethylbenzene	0.100	0.09674		mg/Kg		97	70 - 130	16	35
m,p-Xylenes	0.200	0.1944		mg/Kg		97	70 - 130	16	35
o-Xylene	0.100	0.09787		mg/Kg		98	70 - 130	17	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-27176/5-A

Matrix: Solid

Analysis Batch: 27241

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27176

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:03	06/11/22 01:30	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:03	06/11/22 01:30	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:03	06/11/22 01:30	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		06/09/22 12:03	06/11/22 01:30	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:03	06/11/22 01:30	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/09/22 12:03	06/11/22 01:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	06/09/22 12:03	06/11/22 01:30	1
1,4-Difluorobenzene (Surr)	0.06	S1-	70 - 130	06/09/22 12:03	06/11/22 01:30	1

Lab Sample ID: LCS 880-27176/1-A

Matrix: Solid

Analysis Batch: 27241

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27176

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09778		mg/Kg		98	70 - 130
Toluene	0.100	0.09911		mg/Kg		99	70 - 130
Ethylbenzene	0.100	0.1000		mg/Kg		100	70 - 130
m,p-Xylenes	0.200	0.1960		mg/Kg		98	70 - 130
o-Xylene	0.100	0.09785		mg/Kg		98	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-27176/2-A

Matrix: Solid

Analysis Batch: 27241

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27176

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1166		mg/Kg		117	70 - 130	18	35
Toluene	0.100	0.1123		mg/Kg		112	70 - 130	12	35
Ethylbenzene	0.100	0.1216		mg/Kg		122	70 - 130	19	35

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-27176/2-A

Matrix: Solid

Analysis Batch: 27241

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27176

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	0.200	0.2370		mg/Kg		119	70 - 130	19	35
o-Xylene	0.100	0.1207		mg/Kg		121	70 - 130	21	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	123		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-2388-1 MS

Matrix: Solid

Analysis Batch: 27241

Client Sample ID: B-106

Prep Type: Total/NA

Prep Batch: 27176

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F1 F2	0.0996	0.1016		mg/Kg		102	70 - 130
Toluene	<0.00201	U F1 F2	0.0996	0.09835		mg/Kg		99	70 - 130
Ethylbenzene	<0.00201	U F1 F2	0.0996	0.09275		mg/Kg		93	70 - 130
m,p-Xylenes	<0.00402	U F1 F2	0.199	0.1929		mg/Kg		97	70 - 130
o-Xylene	<0.00201	U F1 F2	0.0996	0.09796		mg/Kg		98	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	127		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 890-2388-1 MSD

Matrix: Solid

Analysis Batch: 27241

Client Sample ID: B-106

Prep Type: Total/NA

Prep Batch: 27176

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1 F2	0.0994	0.02792	F1 F2	mg/Kg		28	70 - 130	114	35
Toluene	<0.00201	U F1 F2	0.0994	0.02772	F1 F2	mg/Kg		28	70 - 130	112	35
Ethylbenzene	<0.00201	U F1 F2	0.0994	0.02844	F1 F2	mg/Kg		29	70 - 130	106	35
m,p-Xylenes	<0.00402	U F1 F2	0.199	0.06217	F1 F2	mg/Kg		31	70 - 130	102	35
o-Xylene	<0.00201	U F1 F2	0.0994	0.03581	F1 F2	mg/Kg		36	70 - 130	93	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: MB 880-27180/5-A

Matrix: Solid

Analysis Batch: 27467

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27180

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:16	06/15/22 02:20	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:16	06/15/22 02:20	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:16	06/15/22 02:20	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		06/09/22 12:16	06/15/22 02:20	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:16	06/15/22 02:20	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/09/22 12:16	06/15/22 02:20	1

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	06/09/22 12:16	06/15/22 02:20	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/09/22 12:16	06/15/22 02:20	1

Lab Sample ID: LCS 880-27180/1-A

Matrix: Solid

Analysis Batch: 27467

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27180

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08726		mg/Kg		87	70 - 130
Toluene	0.100	0.08174		mg/Kg		82	70 - 130
Ethylbenzene	0.100	0.08282		mg/Kg		83	70 - 130
m,p-Xylenes	0.200	0.1675		mg/Kg		84	70 - 130
o-Xylene	0.100	0.08583		mg/Kg		86	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: LCSD 880-27180/2-A

Matrix: Solid

Analysis Batch: 27467

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27180

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.07529		mg/Kg		75	70 - 130	15	35
Toluene	0.100	0.07805		mg/Kg		78	70 - 130	5	35
Ethylbenzene	0.100	0.07998		mg/Kg		80	70 - 130	3	35
m,p-Xylenes	0.200	0.1584		mg/Kg		79	70 - 130	6	35
o-Xylene	0.100	0.08129		mg/Kg		81	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 890-2388-21 MS

Matrix: Solid

Analysis Batch: 27467

Client Sample ID: B-126

Prep Type: Total/NA

Prep Batch: 27180

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F1	0.100	0.03379	F1	mg/Kg		34	70 - 130
Toluene	<0.00201	U F1	0.100	0.01836	F1	mg/Kg		18	70 - 130
Ethylbenzene	<0.00201	U F1	0.100	0.01169	F1	mg/Kg		12	70 - 130
m,p-Xylenes	<0.00402	U F1	0.201	0.01655	F1	mg/Kg		8	70 - 130
o-Xylene	<0.00201	U F1	0.100	0.01283	F1	mg/Kg		13	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-2388-21 MSD

Matrix: Solid

Analysis Batch: 27467

Client Sample ID: B-126

Prep Type: Total/NA

Prep Batch: 27180

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1	0.0994	0.04150	F1	mg/Kg		42	70 - 130	20	35
Toluene	<0.00201	U F1	0.0994	0.02367	F1	mg/Kg		23	70 - 130	25	35
Ethylbenzene	<0.00201	U F1	0.0994	0.01439	F1	mg/Kg		14	70 - 130	21	35
m,p-Xylenes	<0.00402	U F1	0.199	0.01851	F1	mg/Kg		9	70 - 130	11	35
o-Xylene	<0.00201	U F1	0.0994	0.01689	F1	mg/Kg		17	70 - 130	27	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: MB 880-27184/5-A

Matrix: Solid

Analysis Batch: 27554

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27184

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:25	06/15/22 11:40	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:25	06/15/22 11:40	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:25	06/15/22 11:40	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		06/09/22 12:25	06/15/22 11:40	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/09/22 12:25	06/15/22 11:40	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/09/22 12:25	06/15/22 11:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	06/09/22 12:25	06/15/22 11:40	1
1,4-Difluorobenzene (Surr)	108		70 - 130	06/09/22 12:25	06/15/22 11:40	1

Lab Sample ID: LCS 880-27184/1-A

Matrix: Solid

Analysis Batch: 27554

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27184

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1015		mg/Kg		102	70 - 130
Toluene	0.100	0.1069		mg/Kg		107	70 - 130
Ethylbenzene	0.100	0.09870		mg/Kg		99	70 - 130
m,p-Xylenes	0.200	0.1886		mg/Kg		94	70 - 130
o-Xylene	0.100	0.1020		mg/Kg		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-27184/2-A

Matrix: Solid

Analysis Batch: 27554

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27184

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09844		mg/Kg		98	70 - 130	3	35
Toluene	0.100	0.09192		mg/Kg		92	70 - 130	15	35

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-27184/2-A

Matrix: Solid

Analysis Batch: 27554

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27184

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethylbenzene	0.100	0.08033		mg/Kg		80	70 - 130	21	35
m,p-Xylenes	0.200	0.1498		mg/Kg		75	70 - 130	23	35
o-Xylene	0.100	0.08141		mg/Kg		81	70 - 130	22	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	85		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 890-2388-41 MS

Matrix: Solid

Analysis Batch: 27554

Client Sample ID: W-3

Prep Type: Total/NA

Prep Batch: 27184

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F1	0.100	0.06095	F1	mg/Kg		61	70 - 130
Toluene	<0.00201	U	0.100	0.07544		mg/Kg		75	70 - 130
Ethylbenzene	<0.00201	U F1	0.100	0.06911	F1	mg/Kg		69	70 - 130
m,p-Xylenes	<0.00402	U F1	0.200	0.1367	F1	mg/Kg		68	70 - 130
o-Xylene	<0.00201	U F1	0.100	0.07396		mg/Kg		74	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: 890-2388-41 MSD

Matrix: Solid

Analysis Batch: 27554

Client Sample ID: W-3

Prep Type: Total/NA

Prep Batch: 27184

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1	0.100	0.06182	F1	mg/Kg		62	70 - 130	1	35
Toluene	<0.00201	U	0.100	0.07669		mg/Kg		76	70 - 130	2	35
Ethylbenzene	<0.00201	U F1	0.100	0.06730	F1	mg/Kg		67	70 - 130	3	35
m,p-Xylenes	<0.00402	U F1	0.201	0.1287	F1	mg/Kg		64	70 - 130	6	35
o-Xylene	<0.00201	U F1	0.100	0.06921	F1	mg/Kg		69	70 - 130	7	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: MB 880-27305/5-A

Matrix: Solid

Analysis Batch: 27335

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27305

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/10/22 12:43	06/11/22 20:07	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/10/22 12:43	06/11/22 20:07	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/10/22 12:43	06/11/22 20:07	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		06/10/22 12:43	06/11/22 20:07	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/10/22 12:43	06/11/22 20:07	1

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-27305/5-A

Matrix: Solid

Analysis Batch: 27335

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27305

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/10/22 12:43	06/11/22 20:07	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130			06/10/22 12:43	06/11/22 20:07	1
1,4-Difluorobenzene (Surr)	91		70 - 130			06/10/22 12:43	06/11/22 20:07	1

Lab Sample ID: MB 880-27338/5-A

Matrix: Solid

Analysis Batch: 27335

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27338

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/11/22 18:51	06/12/22 06:40	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/11/22 18:51	06/12/22 06:40	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/11/22 18:51	06/12/22 06:40	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		06/11/22 18:51	06/12/22 06:40	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/11/22 18:51	06/12/22 06:40	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/11/22 18:51	06/12/22 06:40	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130			06/11/22 18:51	06/12/22 06:40	1
1,4-Difluorobenzene (Surr)	91		70 - 130			06/11/22 18:51	06/12/22 06:40	1

Lab Sample ID: LCS 880-27338/1-A

Matrix: Solid

Analysis Batch: 27335

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27338

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1026		mg/Kg		103	70 - 130
Toluene	0.100	0.1019		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.1121		mg/Kg		112	70 - 130
m,p-Xylenes	0.200	0.2186		mg/Kg		109	70 - 130
o-Xylene	0.100	0.1120		mg/Kg		112	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	107		70 - 130				
1,4-Difluorobenzene (Surr)	91		70 - 130				

Lab Sample ID: LCSD 880-27338/2-A

Matrix: Solid

Analysis Batch: 27335

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27338

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09931		mg/Kg		99	70 - 130	3	35
Toluene	0.100	0.09783		mg/Kg		98	70 - 130	4	35
Ethylbenzene	0.100	0.1007		mg/Kg		101	70 - 130	11	35
m,p-Xylenes	0.200	0.2035		mg/Kg		102	70 - 130	7	35
o-Xylene	0.100	0.1039		mg/Kg		104	70 - 130	8	35

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-27338/2-A

Matrix: Solid

Analysis Batch: 27335

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27338

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: MB 880-27467/8

Matrix: Solid

Analysis Batch: 27467

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg			06/14/22 11:26	1
Toluene	<0.00200	U	0.00200	mg/Kg			06/14/22 11:26	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg			06/14/22 11:26	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg			06/14/22 11:26	1
o-Xylene	<0.00200	U	0.00200	mg/Kg			06/14/22 11:26	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg			06/14/22 11:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		70 - 130		06/14/22 11:26	1
1,4-Difluorobenzene (Surr)	93		70 - 130		06/14/22 11:26	1

Lab Sample ID: MB 880-27492/5-A

Matrix: Solid

Analysis Batch: 27512

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27492

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/14/22 10:17	06/14/22 16:13	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/14/22 10:17	06/14/22 16:13	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/14/22 10:17	06/14/22 16:13	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		06/14/22 10:17	06/14/22 16:13	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/14/22 10:17	06/14/22 16:13	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/14/22 10:17	06/14/22 16:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	06/14/22 10:17	06/14/22 16:13	1
1,4-Difluorobenzene (Surr)	91		70 - 130	06/14/22 10:17	06/14/22 16:13	1

Lab Sample ID: MB 880-27499/5-A

Matrix: Solid

Analysis Batch: 27512

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27499

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/14/22 11:32	06/15/22 03:41	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/14/22 11:32	06/15/22 03:41	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/14/22 11:32	06/15/22 03:41	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		06/14/22 11:32	06/15/22 03:41	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/14/22 11:32	06/15/22 03:41	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/14/22 11:32	06/15/22 03:41	1

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-27499/5-A

Matrix: Solid

Analysis Batch: 27512

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27499

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	06/14/22 11:32	06/15/22 03:41	1
1,4-Difluorobenzene (Surr)	91		70 - 130	06/14/22 11:32	06/15/22 03:41	1

Lab Sample ID: LCS 880-27499/1-A

Matrix: Solid

Analysis Batch: 27512

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27499

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1014		mg/Kg		101	70 - 130
Toluene	0.100	0.09772		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.1021		mg/Kg		102	70 - 130
m,p-Xylenes	0.200	0.2037		mg/Kg		102	70 - 130
o-Xylene	0.100	0.1029		mg/Kg		103	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-27499/2-A

Matrix: Solid

Analysis Batch: 27512

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27499

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1084		mg/Kg		108	70 - 130	7	35
Toluene	0.100	0.1050		mg/Kg		105	70 - 130	7	35
Ethylbenzene	0.100	0.1109		mg/Kg		111	70 - 130	8	35
m,p-Xylenes	0.200	0.2208		mg/Kg		110	70 - 130	8	35
o-Xylene	0.100	0.1121		mg/Kg		112	70 - 130	9	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-2388-19 MS

Matrix: Solid

Analysis Batch: 27512

Client Sample ID: B-124

Prep Type: Total/NA

Prep Batch: 27499

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.03062	F1	mg/Kg		31	70 - 130
Toluene	<0.00200	U F1	0.100	0.03557	F1	mg/Kg		36	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.03756	F1	mg/Kg		37	70 - 130
m,p-Xylenes	<0.00401	U F1	0.200	0.07761	F1	mg/Kg		39	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.04337	F1	mg/Kg		43	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-2388-19 MSD

Matrix: Solid

Analysis Batch: 27512

Client Sample ID: B-124

Prep Type: Total/NA

Prep Batch: 27499

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.0996	0.03440	F1	mg/Kg		35	70 - 130	12	35
Toluene	<0.00200	U F1	0.0996	0.04224	F1	mg/Kg		42	70 - 130	17	35
Ethylbenzene	<0.00200	U F1	0.0996	0.04317	F1	mg/Kg		43	70 - 130	14	35
m,p-Xylenes	<0.00401	U F1	0.199	0.08736	F1	mg/Kg		44	70 - 130	12	35
o-Xylene	<0.00200	U F1	0.0996	0.05106	F1	mg/Kg		51	70 - 130	16	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	87		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: MB 880-27599/5-A

Matrix: Solid

Analysis Batch: 27608

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27599

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/15/22 10:22	06/15/22 17:37	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/15/22 10:22	06/15/22 17:37	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/15/22 10:22	06/15/22 17:37	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		06/15/22 10:22	06/15/22 17:37	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/15/22 10:22	06/15/22 17:37	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/15/22 10:22	06/15/22 17:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	06/15/22 10:22	06/15/22 17:37	1
1,4-Difluorobenzene (Surr)	90		70 - 130	06/15/22 10:22	06/15/22 17:37	1

Lab Sample ID: LCS 880-27599/1-A

Matrix: Solid

Analysis Batch: 27608

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27599

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09316		mg/Kg		93	70 - 130
Toluene	0.100	0.09560		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.1073		mg/Kg		107	70 - 130
m,p-Xylenes	0.200	0.2094		mg/Kg		105	70 - 130
o-Xylene	0.100	0.1023		mg/Kg		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-27599/2-A

Matrix: Solid

Analysis Batch: 27608

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27599

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08916		mg/Kg		89	70 - 130	4	35
Toluene	0.100	0.08919		mg/Kg		89	70 - 130	7	35

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-27599/2-A

Matrix: Solid

Analysis Batch: 27608

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27599

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethylbenzene	0.100	0.09997		mg/Kg		100	70 - 130	7	35
m,p-Xylenes	0.200	0.1941		mg/Kg		97	70 - 130	8	35
o-Xylene	0.100	0.09567		mg/Kg		96	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-2388-32 MS

Matrix: Solid

Analysis Batch: 27608

Client Sample ID: B2-6

Prep Type: Total/NA

Prep Batch: 27599

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.08140		mg/Kg		81	70 - 130
Toluene	<0.00201	U	0.100	0.08190		mg/Kg		82	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.09130		mg/Kg		91	70 - 130
m,p-Xylenes	<0.00402	U	0.201	0.1823		mg/Kg		91	70 - 130
o-Xylene	<0.00201	U	0.100	0.08789		mg/Kg		88	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 890-2388-32 MSD

Matrix: Solid

Analysis Batch: 27608

Client Sample ID: B2-6

Prep Type: Total/NA

Prep Batch: 27599

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0996	0.1052		mg/Kg		106	70 - 130	25	35
Toluene	<0.00201	U	0.0996	0.09673		mg/Kg		97	70 - 130	17	35
Ethylbenzene	<0.00201	U	0.0996	0.1054		mg/Kg		106	70 - 130	14	35
m,p-Xylenes	<0.00402	U	0.199	0.2102		mg/Kg		106	70 - 130	14	35
o-Xylene	<0.00201	U	0.0996	0.1033		mg/Kg		104	70 - 130	16	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-27171/1-A

Matrix: Solid

Analysis Batch: 27121

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27171

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		06/09/22 11:45	06/09/22 20:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/09/22 11:45	06/09/22 20:18	1

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-27171/1-A

Matrix: Solid

Analysis Batch: 27121

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27171

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/09/22 11:45	06/09/22 20:18	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	97		70 - 130			06/09/22 11:45	06/09/22 20:18	1
o-Terphenyl (Surr)	103		70 - 130			06/09/22 11:45	06/09/22 20:18	1

Lab Sample ID: LCS 880-27171/2-A

Matrix: Solid

Analysis Batch: 27121

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27171

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	660.5	*-	mg/Kg		66	70 - 130
Diesel Range Organics (Over C10-C28)	1000	847.4		mg/Kg		85	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane (Surr)	89		70 - 130				
o-Terphenyl (Surr)	86		70 - 130				

Lab Sample ID: LCSD 880-27171/3-A

Matrix: Solid

Analysis Batch: 27121

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27171

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	676.4	*-	mg/Kg		68	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	864.3		mg/Kg		86	70 - 130	2	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane (Surr)	91		70 - 130						
o-Terphenyl (Surr)	86		70 - 130						

Lab Sample ID: 890-2388-1 MS

Matrix: Solid

Analysis Batch: 27121

Client Sample ID: B-106

Prep Type: Total/NA

Prep Batch: 27171

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *-	997	1047		mg/Kg		103	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	997	828.1		mg/Kg		83	70 - 130
Surrogate	%Recovery	MS Qualifier	Limits						
1-Chlorooctane (Surr)	100		70 - 130						
o-Terphenyl (Surr)	90		70 - 130						

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-2388-1 MSD

Matrix: Solid

Analysis Batch: 27121

Client Sample ID: B-106

Prep Type: Total/NA

Prep Batch: 27171

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *	1000	959.3		mg/Kg		93	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	841.6		mg/Kg		84	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	98		70 - 130								
o-Terphenyl (Surr)	90		70 - 130								

Lab Sample ID: MB 880-27172/1-A

Matrix: Solid

Analysis Batch: 27332

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27172

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		06/09/22 11:48	06/11/22 10:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/09/22 11:48	06/11/22 10:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/09/22 11:48	06/11/22 10:55	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	88		70 - 130			06/09/22 11:48	06/11/22 10:55	1
o-Terphenyl (Surr)	94		70 - 130			06/09/22 11:48	06/11/22 10:55	1

Lab Sample ID: LCS 880-27172/2-A

Matrix: Solid

Analysis Batch: 27332

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27172

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	786.2		mg/Kg		79	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1046		mg/Kg		105	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane (Surr)	93		70 - 130						
o-Terphenyl (Surr)	96		70 - 130						

Lab Sample ID: LCSD 880-27172/3-A

Matrix: Solid

Analysis Batch: 27332

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27172

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1061	*1	mg/Kg		106	70 - 130	30	20
Diesel Range Organics (Over C10-C28)	1000	1128		mg/Kg		113	70 - 130	8	20

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-27172/3-A

Matrix: Solid

Analysis Batch: 27332

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27172

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	104		70 - 130
o-Terphenyl (Surr)	103		70 - 130

Lab Sample ID: 890-2388-21 MS

Matrix: Solid

Analysis Batch: 27332

Client Sample ID: B-126

Prep Type: Total/NA

Prep Batch: 27172

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	997	972.9		mg/Kg		95	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	997	793.4		mg/Kg		80	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	87		70 - 130
o-Terphenyl (Surr)	83		70 - 130

Lab Sample ID: 890-2388-21 MSD

Matrix: Solid

Analysis Batch: 27332

Client Sample ID: B-126

Prep Type: Total/NA

Prep Batch: 27172

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	1000	917.9		mg/Kg		89	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	752.8		mg/Kg		75	70 - 130	5	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	83		70 - 130
o-Terphenyl (Surr)	79		70 - 130

Lab Sample ID: MB 880-27204/1-A

Matrix: Solid

Analysis Batch: 27239

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27204

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		06/09/22 14:26	06/10/22 10:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/09/22 14:26	06/10/22 10:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/09/22 14:26	06/10/22 10:16	1

	MB	MB						
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac		
1-Chlorooctane (Surr)	87		70 - 130	06/09/22 14:26	06/10/22 10:16	1		
o-Terphenyl (Surr)	94		70 - 130	06/09/22 14:26	06/10/22 10:16	1		

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-27204/2-A

Matrix: Solid

Analysis Batch: 27239

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27204

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	851.1		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	1000	846.7		mg/Kg		85	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane (Surr)	108		70 - 130				
o-Terphenyl (Surr)	112		70 - 130				

Lab Sample ID: LCSD 880-27204/3-A

Matrix: Solid

Analysis Batch: 27239

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27204

Top Bottom 17-100											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	901.9		mg/Kg		90	70 - 130	6	20
Diesel Range Organics (Over C10-C28)			1000	861.3		mg/Kg		86	70 - 130	2	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
1-Chlorooctane (Surr)	110		70 - 130								
o-Terphenyl (Surr)	116		70 - 130								

Lab Sample ID: 890-2388-41 MS

Matrix: Solid

Analysis Batch: 27239

Client Sample ID: W-3

Prep Type: Total/NA

Prep Batch: 27204

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	979.9		mg/Kg		97	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	997	896.4		mg/Kg		90	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane (Surr)	94		70 - 130						
o-Terphenyl (Surr)	91		70 - 130						

Lab Sample ID: 890-2388-41 MSD

Matrix: Solid

Analysis Batch: 27239

Client Sample ID: W-3

Prep Type: Total/NA

Prep Batch: 27204

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	992.2		mg/Kg	-	98	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	835.6		mg/Kg		84	70 - 130	7	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	89		70 - 130								

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-2388-41 MSD

Matrix: Solid

Analysis Batch: 27239

Client Sample ID: W-3

Prep Type: Total/NA

Prep Batch: 27204

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl (Surr)	82		70 - 130

Lab Sample ID: MB 880-27248/1-A

Matrix: Solid

Analysis Batch: 27332

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27248

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		06/10/22 08:24	06/11/22 20:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/10/22 08:24	06/11/22 20:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/10/22 08:24	06/11/22 20:47	1
Surrogate	MB	MB	Limits			Prepared	Analyzed	Dil Fac
%Recovery	Qualifier							
1-Chlorooctane (Surr)	91		70 - 130			06/10/22 08:24	06/11/22 20:47	1
<i>o</i> -Terphenyl (Surr)	102		70 - 130			06/10/22 08:24	06/11/22 20:47	1

Lab Sample ID: LCS 880-27248/2-A

Matrix: Solid

Analysis Batch: 27332

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27248

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1011		mg/Kg		101	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1113		mg/Kg		111	70 - 130
Surrogate	LCS	LCS	Limits				
%Recovery	Qualifier						
1-Chlorooctane (Surr)	99		70 - 130				
<i>o</i> -Terphenyl (Surr)	104		70 - 130				

Lab Sample ID: LCSD 880-27248/3-A

Matrix: Solid

Analysis Batch: 27332

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27248

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	938.2		mg/Kg		94	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	1062		mg/Kg		106	70 - 130	5	20
Surrogate	LCSD	LCSD	Limits						
%Recovery	Qualifier								
1-Chlorooctane (Surr)	93		70 - 130						
<i>o</i> -Terphenyl (Surr)	96		70 - 130						

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-2388-61 MS

Matrix: Solid

Analysis Batch: 27332

Client Sample ID: W-23

Prep Type: Total/NA

Prep Batch: 27248

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2 F1	997	1007		mg/Kg		97	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	997	817.8		mg/Kg		82	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane (Surr)	93		70 - 130						
o-Terphenyl (Surr)	90		70 - 130						

Lab Sample ID: 890-2388-61 MSD

Matrix: Solid

Analysis Batch: 27332

Client Sample ID: W-23

Prep Type: Total/NA

Prep Batch: 27248

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2 F1	1000	2753	F1 F2	mg/Kg		271	70 - 130	93	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	703.5		mg/Kg		70	70 - 130	15	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	82		70 - 130								
o-Terphenyl (Surr)	80		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-27186/1-A

Matrix: Solid

Analysis Batch: 27501

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			06/14/22 14:01	1

Lab Sample ID: LCS 880-27186/2-A

Matrix: Solid

Analysis Batch: 27501

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	253.8		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-27186/3-A

Matrix: Solid

Analysis Batch: 27501

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	253.6		mg/Kg		101	90 - 110	0	20

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-2388-1 MS

Matrix: Solid

Analysis Batch: 27501

Client Sample ID: B-106

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	15.8		250	268.8		mg/Kg		101	90 - 110		

Lab Sample ID: 890-2388-1 MSD

Matrix: Solid

Analysis Batch: 27501

Client Sample ID: B-106

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	15.8		250	268.7		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 890-2388-11 MS

Matrix: Solid

Analysis Batch: 27501

Client Sample ID: B-116

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	7.44		248	258.6		mg/Kg		101	90 - 110		

Lab Sample ID: 890-2388-11 MSD

Matrix: Solid

Analysis Batch: 27501

Client Sample ID: B-116

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7.44		248	257.8		mg/Kg		101	90 - 110	0	20

Lab Sample ID: MB 880-27187/1-A

Matrix: Solid

Analysis Batch: 27502

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			06/15/22 13:14	1

Lab Sample ID: LCS 880-27187/2-A

Matrix: Solid

Analysis Batch: 27502

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	260.0		mg/Kg		104	90 - 110		

Lab Sample ID: LCSD 880-27187/3-A

Matrix: Solid

Analysis Batch: 27502

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	259.8		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 890-2388-21 MS

Matrix: Solid

Analysis Batch: 27502

Client Sample ID: B-126

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	524		249	755.3		mg/Kg		93	90 - 110		

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-2388-21 MSD

Matrix: Solid

Analysis Batch: 27502

Client Sample ID: B-126

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	524		249	754.9		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 890-2388-31 MS

Matrix: Solid

Analysis Batch: 27502

Client Sample ID: B2-5

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	20.5		252	277.8		mg/Kg		102	90 - 110		

Lab Sample ID: 890-2388-31 MSD

Matrix: Solid

Analysis Batch: 27502

Client Sample ID: B2-5

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	20.5		252	277.9		mg/Kg		102	90 - 110	0	20

Lab Sample ID: MB 880-27188/1-A

Matrix: Solid

Analysis Batch: 27503

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			06/15/22 13:53	1

Lab Sample ID: LCS 880-27188/2-A

Matrix: Solid

Analysis Batch: 27503

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	264.0		mg/Kg		106	90 - 110		

Lab Sample ID: LCSD 880-27188/3-A

Matrix: Solid

Analysis Batch: 27503

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	237.8		mg/Kg		95	90 - 110	10	20

Lab Sample ID: 890-2388-41 MS

Matrix: Solid

Analysis Batch: 27503

Client Sample ID: W-3

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	644	F1	252	779.9	F1	mg/Kg		54	90 - 110		

Lab Sample ID: 890-2388-41 MSD

Matrix: Solid

Analysis Batch: 27503

Client Sample ID: W-3

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	644	F1	252	890.2		mg/Kg		98	90 - 110	13	20

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QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-2388-51 MS

Matrix: Solid

Analysis Batch: 27503

Client Sample ID: W-13

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	16.2		248	255.9		mg/Kg		97	90 - 110

Lab Sample ID: 890-2388-51 MSD

Matrix: Solid

Analysis Batch: 27503

Client Sample ID: W-13

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	16.2		248	274.7		mg/Kg		104	90 - 110	7	20

Lab Sample ID: MB 880-27189/1-A

Matrix: Solid

Analysis Batch: 27504

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			06/16/22 01:27	1

Lab Sample ID: LCS 880-27189/2-A

Matrix: Solid

Analysis Batch: 27504

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	250.4		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-27189/3-A

Matrix: Solid

Analysis Batch: 27504

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	258.8		mg/Kg		104	90 - 110	3	20

Lab Sample ID: 890-2388-61 MS

Matrix: Solid

Analysis Batch: 27504

Client Sample ID: W-23

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	11.3		250	254.3		mg/Kg		97	90 - 110

Lab Sample ID: 890-2388-61 MSD

Matrix: Solid

Analysis Batch: 27504

Client Sample ID: W-23

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	11.3		250	257.8		mg/Kg		99	90 - 110	1	20

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QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

GC VOA

Prep Batch: 27033

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-27033/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 27136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-61	W-23	Total/NA	Solid	8021B	27164
MB 880-27164/5-A	Method Blank	Total/NA	Solid	8021B	27164
LCS 880-27164/1-A	Lab Control Sample	Total/NA	Solid	8021B	27164
LCSD 880-27164/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27164

Prep Batch: 27164

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-61	W-23	Total/NA	Solid	5035	
MB 880-27164/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27164/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27164/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 27176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-1	B-106	Total/NA	Solid	5035	
890-2388-2	B-107	Total/NA	Solid	5035	
890-2388-3	B-108	Total/NA	Solid	5035	
890-2388-4	B-109	Total/NA	Solid	5035	
890-2388-5	B-110	Total/NA	Solid	5035	
890-2388-6	B-111	Total/NA	Solid	5035	
890-2388-7	B-112	Total/NA	Solid	5035	
890-2388-8	B-113	Total/NA	Solid	5035	
MB 880-27176/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27176/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27176/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2388-1 MS	B-106	Total/NA	Solid	5035	
890-2388-1 MSD	B-106	Total/NA	Solid	5035	

Prep Batch: 27180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-21	B-126	Total/NA	Solid	5035	
890-2388-22	B-127	Total/NA	Solid	5035	
890-2388-23	B-128	Total/NA	Solid	5035	
890-2388-24	B-129	Total/NA	Solid	5035	
890-2388-25	B-130	Total/NA	Solid	5035	
890-2388-26	B-131	Total/NA	Solid	5035	
890-2388-27	B2-1	Total/NA	Solid	5035	
890-2388-28	B2-2	Total/NA	Solid	5035	
890-2388-29	B2-3	Total/NA	Solid	5035	
890-2388-30	B2-4	Total/NA	Solid	5035	
890-2388-31	B2-5	Total/NA	Solid	5035	
MB 880-27180/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27180/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27180/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2388-21 MS	B-126	Total/NA	Solid	5035	
890-2388-21 MSD	B-126	Total/NA	Solid	5035	

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QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

GC VOA

Prep Batch: 27184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-41	W-3	Total/NA	Solid	5035	
890-2388-42	W-4	Total/NA	Solid	5035	
890-2388-43	W-5	Total/NA	Solid	5035	
890-2388-44	W-6	Total/NA	Solid	5035	
890-2388-45	W-7	Total/NA	Solid	5035	
890-2388-46	W-8	Total/NA	Solid	5035	
890-2388-47	W-9	Total/NA	Solid	5035	
890-2388-48	W-10	Total/NA	Solid	5035	
890-2388-49	W-11	Total/NA	Solid	5035	
890-2388-50	W-12	Total/NA	Solid	5035	
890-2388-51	W-13	Total/NA	Solid	5035	
890-2388-52	W-14	Total/NA	Solid	5035	
890-2388-53	W-15	Total/NA	Solid	5035	
890-2388-54	W-16	Total/NA	Solid	5035	
890-2388-55	W-17	Total/NA	Solid	5035	
890-2388-56	W-18	Total/NA	Solid	5035	
890-2388-57	W-19	Total/NA	Solid	5035	
890-2388-58	W-20	Total/NA	Solid	5035	
890-2388-59	W-21	Total/NA	Solid	5035	
890-2388-60	W-22	Total/NA	Solid	5035	
MB 880-27184/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27184/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27184/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2388-41 MS	W-3	Total/NA	Solid	5035	
890-2388-41 MSD	W-3	Total/NA	Solid	5035	

Analysis Batch: 27241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-1	B-106	Total/NA	Solid	8021B	27176
890-2388-2	B-107	Total/NA	Solid	8021B	27176
890-2388-3	B-108	Total/NA	Solid	8021B	27176
890-2388-4	B-109	Total/NA	Solid	8021B	27176
890-2388-5	B-110	Total/NA	Solid	8021B	27176
890-2388-6	B-111	Total/NA	Solid	8021B	27176
890-2388-7	B-112	Total/NA	Solid	8021B	27176
890-2388-8	B-113	Total/NA	Solid	8021B	27176
MB 880-27033/5-A	Method Blank	Total/NA	Solid	8021B	27033
MB 880-27176/5-A	Method Blank	Total/NA	Solid	8021B	27176
LCS 880-27176/1-A	Lab Control Sample	Total/NA	Solid	8021B	27176
LCSD 880-27176/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27176
890-2388-1 MS	B-106	Total/NA	Solid	8021B	27176
890-2388-1 MSD	B-106	Total/NA	Solid	8021B	27176

Analysis Batch: 27290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-1	B-106	Total/NA	Solid	Total BTEX	
890-2388-2	B-107	Total/NA	Solid	Total BTEX	
890-2388-3	B-108	Total/NA	Solid	Total BTEX	
890-2388-4	B-109	Total/NA	Solid	Total BTEX	
890-2388-5	B-110	Total/NA	Solid	Total BTEX	
890-2388-6	B-111	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

GC VOA (Continued)

Analysis Batch: 27290 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-7	B-112	Total/NA	Solid	Total BTEX	
890-2388-8	B-113	Total/NA	Solid	Total BTEX	
890-2388-9	B-114	Total/NA	Solid	Total BTEX	
890-2388-10	B-115	Total/NA	Solid	Total BTEX	
890-2388-11	B-116	Total/NA	Solid	Total BTEX	
890-2388-12	B-117	Total/NA	Solid	Total BTEX	
890-2388-13	B-118	Total/NA	Solid	Total BTEX	
890-2388-14	B-119	Total/NA	Solid	Total BTEX	
890-2388-15	B-120	Total/NA	Solid	Total BTEX	
890-2388-16	B-121	Total/NA	Solid	Total BTEX	
890-2388-17	B-122	Total/NA	Solid	Total BTEX	
890-2388-18	B-123	Total/NA	Solid	Total BTEX	
890-2388-19	B-124	Total/NA	Solid	Total BTEX	
890-2388-20	B-125	Total/NA	Solid	Total BTEX	
890-2388-21	B-126	Total/NA	Solid	Total BTEX	
890-2388-22	B-127	Total/NA	Solid	Total BTEX	
890-2388-23	B-128	Total/NA	Solid	Total BTEX	
890-2388-24	B-129	Total/NA	Solid	Total BTEX	
890-2388-25	B-130	Total/NA	Solid	Total BTEX	
890-2388-26	B-131	Total/NA	Solid	Total BTEX	
890-2388-27	B2-1	Total/NA	Solid	Total BTEX	
890-2388-28	B2-2	Total/NA	Solid	Total BTEX	
890-2388-29	B2-3	Total/NA	Solid	Total BTEX	
890-2388-30	B2-4	Total/NA	Solid	Total BTEX	
890-2388-31	B2-5	Total/NA	Solid	Total BTEX	
890-2388-32	B2-6	Total/NA	Solid	Total BTEX	
890-2388-33	R-1	Total/NA	Solid	Total BTEX	
890-2388-34	R-2	Total/NA	Solid	Total BTEX	
890-2388-35	R-3	Total/NA	Solid	Total BTEX	
890-2388-36	W2-1	Total/NA	Solid	Total BTEX	
890-2388-37	W2-2	Total/NA	Solid	Total BTEX	
890-2388-38	W2-3	Total/NA	Solid	Total BTEX	
890-2388-39	W-1	Total/NA	Solid	Total BTEX	
890-2388-40	W-2	Total/NA	Solid	Total BTEX	
890-2388-41	W-3	Total/NA	Solid	Total BTEX	
890-2388-42	W-4	Total/NA	Solid	Total BTEX	
890-2388-43	W-5	Total/NA	Solid	Total BTEX	
890-2388-44	W-6	Total/NA	Solid	Total BTEX	
890-2388-45	W-7	Total/NA	Solid	Total BTEX	
890-2388-46	W-8	Total/NA	Solid	Total BTEX	
890-2388-47	W-9	Total/NA	Solid	Total BTEX	
890-2388-48	W-10	Total/NA	Solid	Total BTEX	
890-2388-49	W-11	Total/NA	Solid	Total BTEX	
890-2388-50	W-12	Total/NA	Solid	Total BTEX	
890-2388-51	W-13	Total/NA	Solid	Total BTEX	
890-2388-52	W-14	Total/NA	Solid	Total BTEX	
890-2388-53	W-15	Total/NA	Solid	Total BTEX	
890-2388-54	W-16	Total/NA	Solid	Total BTEX	
890-2388-55	W-17	Total/NA	Solid	Total BTEX	
890-2388-56	W-18	Total/NA	Solid	Total BTEX	
890-2388-57	W-19	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

GC VOA (Continued)

Analysis Batch: 27290 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-58	W-20	Total/NA	Solid	Total BTEX	
890-2388-59	W-21	Total/NA	Solid	Total BTEX	
890-2388-60	W-22	Total/NA	Solid	Total BTEX	
890-2388-61	W-23	Total/NA	Solid	Total BTEX	

Prep Batch: 27305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-27305/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 27335

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-9	B-114	Total/NA	Solid	8021B	27338
890-2388-10	B-115	Total/NA	Solid	8021B	27338
890-2388-11	B-116	Total/NA	Solid	8021B	27338
890-2388-12	B-117	Total/NA	Solid	8021B	27338
890-2388-13	B-118	Total/NA	Solid	8021B	27338
890-2388-14	B-119	Total/NA	Solid	8021B	27338
890-2388-15	B-120	Total/NA	Solid	8021B	27338
890-2388-16	B-121	Total/NA	Solid	8021B	27338
890-2388-17	B-122	Total/NA	Solid	8021B	27338
890-2388-18	B-123	Total/NA	Solid	8021B	27338
MB 880-27305/5-A	Method Blank	Total/NA	Solid	8021B	27305
MB 880-27338/5-A	Method Blank	Total/NA	Solid	8021B	27338
LCS 880-27338/1-A	Lab Control Sample	Total/NA	Solid	8021B	27338
LCSD 880-27338/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27338

Prep Batch: 27338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-9	B-114	Total/NA	Solid	5035	
890-2388-10	B-115	Total/NA	Solid	5035	
890-2388-11	B-116	Total/NA	Solid	5035	
890-2388-12	B-117	Total/NA	Solid	5035	
890-2388-13	B-118	Total/NA	Solid	5035	
890-2388-14	B-119	Total/NA	Solid	5035	
890-2388-15	B-120	Total/NA	Solid	5035	
890-2388-16	B-121	Total/NA	Solid	5035	
890-2388-17	B-122	Total/NA	Solid	5035	
890-2388-18	B-123	Total/NA	Solid	5035	
MB 880-27338/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27338/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27338/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 27467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-21	B-126	Total/NA	Solid	8021B	27180
890-2388-22	B-127	Total/NA	Solid	8021B	27180
890-2388-23	B-128	Total/NA	Solid	8021B	27180
890-2388-24	B-129	Total/NA	Solid	8021B	27180
890-2388-25	B-130	Total/NA	Solid	8021B	27180
890-2388-26	B-131	Total/NA	Solid	8021B	27180
890-2388-27	B2-1	Total/NA	Solid	8021B	27180

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QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

GC VOA (Continued)

Analysis Batch: 27467 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-28	B2-2	Total/NA	Solid	8021B	27180
890-2388-29	B2-3	Total/NA	Solid	8021B	27180
890-2388-30	B2-4	Total/NA	Solid	8021B	27180
890-2388-31	B2-5	Total/NA	Solid	8021B	27180
MB 880-27180/5-A	Method Blank	Total/NA	Solid	8021B	27180
MB 880-27467/8	Method Blank	Total/NA	Solid	8021B	
LCS 880-27180/1-A	Lab Control Sample	Total/NA	Solid	8021B	27180
LCSD 880-27180/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27180
890-2388-21 MS	B-126	Total/NA	Solid	8021B	27180
890-2388-21 MSD	B-126	Total/NA	Solid	8021B	27180

Prep Batch: 27492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-27492/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 27499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-19	B-124	Total/NA	Solid	5035	
890-2388-20	B-125	Total/NA	Solid	5035	
MB 880-27499/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27499/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27499/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2388-19 MS	B-124	Total/NA	Solid	5035	
890-2388-19 MSD	B-124	Total/NA	Solid	5035	

Analysis Batch: 27512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-19	B-124	Total/NA	Solid	8021B	27499
890-2388-20	B-125	Total/NA	Solid	8021B	27499
MB 880-27492/5-A	Method Blank	Total/NA	Solid	8021B	27492
MB 880-27499/5-A	Method Blank	Total/NA	Solid	8021B	27499
LCS 880-27499/1-A	Lab Control Sample	Total/NA	Solid	8021B	27499
LCSD 880-27499/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27499
890-2388-19 MS	B-124	Total/NA	Solid	8021B	27499
890-2388-19 MSD	B-124	Total/NA	Solid	8021B	27499

Analysis Batch: 27554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-41	W-3	Total/NA	Solid	8021B	27184
890-2388-42	W-4	Total/NA	Solid	8021B	27184
890-2388-43	W-5	Total/NA	Solid	8021B	27184
890-2388-44	W-6	Total/NA	Solid	8021B	27184
890-2388-45	W-7	Total/NA	Solid	8021B	27184
890-2388-46	W-8	Total/NA	Solid	8021B	27184
890-2388-47	W-9	Total/NA	Solid	8021B	27184
890-2388-48	W-10	Total/NA	Solid	8021B	27184
890-2388-49	W-11	Total/NA	Solid	8021B	27184
890-2388-50	W-12	Total/NA	Solid	8021B	27184
890-2388-51	W-13	Total/NA	Solid	8021B	27184
890-2388-52	W-14	Total/NA	Solid	8021B	27184
890-2388-53	W-15	Total/NA	Solid	8021B	27184

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

GC VOA (Continued)

Analysis Batch: 27554 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-54	W-16	Total/NA	Solid	8021B	27184
890-2388-55	W-17	Total/NA	Solid	8021B	27184
890-2388-56	W-18	Total/NA	Solid	8021B	27184
890-2388-57	W-19	Total/NA	Solid	8021B	27184
890-2388-58	W-20	Total/NA	Solid	8021B	27184
890-2388-59	W-21	Total/NA	Solid	8021B	27184
890-2388-60	W-22	Total/NA	Solid	8021B	27184
MB 880-27184/5-A	Method Blank	Total/NA	Solid	8021B	27184
LCS 880-27184/1-A	Lab Control Sample	Total/NA	Solid	8021B	27184
LCSD 880-27184/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27184
890-2388-41 MS	W-3	Total/NA	Solid	8021B	27184
890-2388-41 MSD	W-3	Total/NA	Solid	8021B	27184

Prep Batch: 27599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-32	B2-6	Total/NA	Solid	5035	
890-2388-33	R-1	Total/NA	Solid	5035	
890-2388-34	R-2	Total/NA	Solid	5035	
890-2388-35	R-3	Total/NA	Solid	5035	
890-2388-36	W2-1	Total/NA	Solid	5035	
890-2388-37	W2-2	Total/NA	Solid	5035	
890-2388-38	W2-3	Total/NA	Solid	5035	
890-2388-39	W-1	Total/NA	Solid	5035	
890-2388-40	W-2	Total/NA	Solid	5035	
MB 880-27599/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27599/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27599/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2388-32 MS	B2-6	Total/NA	Solid	5035	
890-2388-32 MSD	B2-6	Total/NA	Solid	5035	

Analysis Batch: 27608

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-32	B2-6	Total/NA	Solid	8021B	27599
890-2388-33	R-1	Total/NA	Solid	8021B	27599
890-2388-34	R-2	Total/NA	Solid	8021B	27599
890-2388-35	R-3	Total/NA	Solid	8021B	27599
890-2388-36	W2-1	Total/NA	Solid	8021B	27599
890-2388-37	W2-2	Total/NA	Solid	8021B	27599
890-2388-38	W2-3	Total/NA	Solid	8021B	27599
890-2388-39	W-1	Total/NA	Solid	8021B	27599
890-2388-40	W-2	Total/NA	Solid	8021B	27599
MB 880-27599/5-A	Method Blank	Total/NA	Solid	8021B	27599
LCS 880-27599/1-A	Lab Control Sample	Total/NA	Solid	8021B	27599
LCSD 880-27599/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27599
890-2388-32 MS	B2-6	Total/NA	Solid	8021B	27599
890-2388-32 MSD	B2-6	Total/NA	Solid	8021B	27599

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QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

GC Semi VOA

Analysis Batch: 27121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-1	B-106	Total/NA	Solid	8015B NM	27171
890-2388-2	B-107	Total/NA	Solid	8015B NM	27171
890-2388-3	B-108	Total/NA	Solid	8015B NM	27171
890-2388-4	B-109	Total/NA	Solid	8015B NM	27171
890-2388-5	B-110	Total/NA	Solid	8015B NM	27171
890-2388-6	B-111	Total/NA	Solid	8015B NM	27171
890-2388-7	B-112	Total/NA	Solid	8015B NM	27171
890-2388-8	B-113	Total/NA	Solid	8015B NM	27171
890-2388-9	B-114	Total/NA	Solid	8015B NM	27171
890-2388-10	B-115	Total/NA	Solid	8015B NM	27171
890-2388-11	B-116	Total/NA	Solid	8015B NM	27171
890-2388-12	B-117	Total/NA	Solid	8015B NM	27171
890-2388-13	B-118	Total/NA	Solid	8015B NM	27171
890-2388-14	B-119	Total/NA	Solid	8015B NM	27171
890-2388-15	B-120	Total/NA	Solid	8015B NM	27171
890-2388-16	B-121	Total/NA	Solid	8015B NM	27171
890-2388-17	B-122	Total/NA	Solid	8015B NM	27171
890-2388-18	B-123	Total/NA	Solid	8015B NM	27171
890-2388-19	B-124	Total/NA	Solid	8015B NM	27171
890-2388-20	B-125	Total/NA	Solid	8015B NM	27171
MB 880-27171/1-A	Method Blank	Total/NA	Solid	8015B NM	27171
LCS 880-27171/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27171
LCSD 880-27171/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27171
890-2388-1 MS	B-106	Total/NA	Solid	8015B NM	27171
890-2388-1 MSD	B-106	Total/NA	Solid	8015B NM	27171

Prep Batch: 27171

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-1	B-106	Total/NA	Solid	8015NM Prep	
890-2388-2	B-107	Total/NA	Solid	8015NM Prep	
890-2388-3	B-108	Total/NA	Solid	8015NM Prep	
890-2388-4	B-109	Total/NA	Solid	8015NM Prep	
890-2388-5	B-110	Total/NA	Solid	8015NM Prep	
890-2388-6	B-111	Total/NA	Solid	8015NM Prep	
890-2388-7	B-112	Total/NA	Solid	8015NM Prep	
890-2388-8	B-113	Total/NA	Solid	8015NM Prep	
890-2388-9	B-114	Total/NA	Solid	8015NM Prep	
890-2388-10	B-115	Total/NA	Solid	8015NM Prep	
890-2388-11	B-116	Total/NA	Solid	8015NM Prep	
890-2388-12	B-117	Total/NA	Solid	8015NM Prep	
890-2388-13	B-118	Total/NA	Solid	8015NM Prep	
890-2388-14	B-119	Total/NA	Solid	8015NM Prep	
890-2388-15	B-120	Total/NA	Solid	8015NM Prep	
890-2388-16	B-121	Total/NA	Solid	8015NM Prep	
890-2388-17	B-122	Total/NA	Solid	8015NM Prep	
890-2388-18	B-123	Total/NA	Solid	8015NM Prep	
890-2388-19	B-124	Total/NA	Solid	8015NM Prep	
890-2388-20	B-125	Total/NA	Solid	8015NM Prep	
MB 880-27171/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-27171/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27171/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

GC Semi VOA (Continued)

Prep Batch: 27171 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-1 MS	B-106	Total/NA	Solid	8015NM Prep	
890-2388-1 MSD	B-106	Total/NA	Solid	8015NM Prep	

Prep Batch: 27172

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-21	B-126	Total/NA	Solid	8015NM Prep	
890-2388-22	B-127	Total/NA	Solid	8015NM Prep	
890-2388-23	B-128	Total/NA	Solid	8015NM Prep	
890-2388-24	B-129	Total/NA	Solid	8015NM Prep	
890-2388-25	B-130	Total/NA	Solid	8015NM Prep	
890-2388-26	B-131	Total/NA	Solid	8015NM Prep	
890-2388-27	B2-1	Total/NA	Solid	8015NM Prep	
890-2388-28	B2-2	Total/NA	Solid	8015NM Prep	
890-2388-29	B2-3	Total/NA	Solid	8015NM Prep	
890-2388-30	B2-4	Total/NA	Solid	8015NM Prep	
890-2388-31	B2-5	Total/NA	Solid	8015NM Prep	
890-2388-32	B2-6	Total/NA	Solid	8015NM Prep	
890-2388-33	R-1	Total/NA	Solid	8015NM Prep	
890-2388-34	R-2	Total/NA	Solid	8015NM Prep	
890-2388-35	R-3	Total/NA	Solid	8015NM Prep	
890-2388-36	W2-1	Total/NA	Solid	8015NM Prep	
890-2388-37	W2-2	Total/NA	Solid	8015NM Prep	
890-2388-38	W2-3	Total/NA	Solid	8015NM Prep	
890-2388-39	W-1	Total/NA	Solid	8015NM Prep	
890-2388-40	W-2	Total/NA	Solid	8015NM Prep	
MB 880-27172/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-27172/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27172/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2388-21 MS	B-126	Total/NA	Solid	8015NM Prep	
890-2388-21 MSD	B-126	Total/NA	Solid	8015NM Prep	

Prep Batch: 27204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-41	W-3	Total/NA	Solid	8015NM Prep	
890-2388-42	W-4	Total/NA	Solid	8015NM Prep	
890-2388-43	W-5	Total/NA	Solid	8015NM Prep	
890-2388-44	W-6	Total/NA	Solid	8015NM Prep	
890-2388-45	W-7	Total/NA	Solid	8015NM Prep	
890-2388-46	W-8	Total/NA	Solid	8015NM Prep	
890-2388-47	W-9	Total/NA	Solid	8015NM Prep	
890-2388-48	W-10	Total/NA	Solid	8015NM Prep	
890-2388-49	W-11	Total/NA	Solid	8015NM Prep	
890-2388-50	W-12	Total/NA	Solid	8015NM Prep	
890-2388-51	W-13	Total/NA	Solid	8015NM Prep	
890-2388-52	W-14	Total/NA	Solid	8015NM Prep	
890-2388-53	W-15	Total/NA	Solid	8015NM Prep	
890-2388-54	W-16	Total/NA	Solid	8015NM Prep	
890-2388-55	W-17	Total/NA	Solid	8015NM Prep	
890-2388-56	W-18	Total/NA	Solid	8015NM Prep	
890-2388-57	W-19	Total/NA	Solid	8015NM Prep	
890-2388-58	W-20	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

GC Semi VOA (Continued)

Prep Batch: 27204 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-59	W-21	Total/NA	Solid	8015NM Prep	
890-2388-60	W-22	Total/NA	Solid	8015NM Prep	
MB 880-27204/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-27204/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27204/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2388-41 MS	W-3	Total/NA	Solid	8015NM Prep	
890-2388-41 MSD	W-3	Total/NA	Solid	8015NM Prep	

Analysis Batch: 27239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-41	W-3	Total/NA	Solid	8015B NM	27204
890-2388-42	W-4	Total/NA	Solid	8015B NM	27204
890-2388-43	W-5	Total/NA	Solid	8015B NM	27204
890-2388-44	W-6	Total/NA	Solid	8015B NM	27204
890-2388-45	W-7	Total/NA	Solid	8015B NM	27204
890-2388-46	W-8	Total/NA	Solid	8015B NM	27204
890-2388-47	W-9	Total/NA	Solid	8015B NM	27204
890-2388-48	W-10	Total/NA	Solid	8015B NM	27204
890-2388-49	W-11	Total/NA	Solid	8015B NM	27204
890-2388-50	W-12	Total/NA	Solid	8015B NM	27204
890-2388-51	W-13	Total/NA	Solid	8015B NM	27204
890-2388-52	W-14	Total/NA	Solid	8015B NM	27204
890-2388-53	W-15	Total/NA	Solid	8015B NM	27204
890-2388-54	W-16	Total/NA	Solid	8015B NM	27204
890-2388-55	W-17	Total/NA	Solid	8015B NM	27204
890-2388-56	W-18	Total/NA	Solid	8015B NM	27204
890-2388-57	W-19	Total/NA	Solid	8015B NM	27204
890-2388-58	W-20	Total/NA	Solid	8015B NM	27204
890-2388-59	W-21	Total/NA	Solid	8015B NM	27204
890-2388-60	W-22	Total/NA	Solid	8015B NM	27204
MB 880-27204/1-A	Method Blank	Total/NA	Solid	8015B NM	27204
LCS 880-27204/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27204
LCSD 880-27204/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27204
890-2388-41 MS	W-3	Total/NA	Solid	8015B NM	27204
890-2388-41 MSD	W-3	Total/NA	Solid	8015B NM	27204

Prep Batch: 27248

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-61	W-23	Total/NA	Solid	8015NM Prep	
MB 880-27248/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-27248/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27248/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2388-61 MS	W-23	Total/NA	Solid	8015NM Prep	
890-2388-61 MSD	W-23	Total/NA	Solid	8015NM Prep	

Analysis Batch: 27279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-1	B-106	Total/NA	Solid	8015 NM	
890-2388-2	B-107	Total/NA	Solid	8015 NM	
890-2388-3	B-108	Total/NA	Solid	8015 NM	
890-2388-4	B-109	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

GC Semi VOA (Continued)

Analysis Batch: 27279 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-5	B-110	Total/NA	Solid	8015 NM	
890-2388-6	B-111	Total/NA	Solid	8015 NM	
890-2388-7	B-112	Total/NA	Solid	8015 NM	
890-2388-8	B-113	Total/NA	Solid	8015 NM	
890-2388-9	B-114	Total/NA	Solid	8015 NM	
890-2388-10	B-115	Total/NA	Solid	8015 NM	
890-2388-11	B-116	Total/NA	Solid	8015 NM	
890-2388-12	B-117	Total/NA	Solid	8015 NM	
890-2388-13	B-118	Total/NA	Solid	8015 NM	
890-2388-14	B-119	Total/NA	Solid	8015 NM	
890-2388-15	B-120	Total/NA	Solid	8015 NM	
890-2388-16	B-121	Total/NA	Solid	8015 NM	
890-2388-17	B-122	Total/NA	Solid	8015 NM	
890-2388-18	B-123	Total/NA	Solid	8015 NM	
890-2388-19	B-124	Total/NA	Solid	8015 NM	
890-2388-20	B-125	Total/NA	Solid	8015 NM	
890-2388-21	B-126	Total/NA	Solid	8015 NM	
890-2388-22	B-127	Total/NA	Solid	8015 NM	
890-2388-23	B-128	Total/NA	Solid	8015 NM	
890-2388-24	B-129	Total/NA	Solid	8015 NM	
890-2388-25	B-130	Total/NA	Solid	8015 NM	
890-2388-26	B-131	Total/NA	Solid	8015 NM	
890-2388-27	B2-1	Total/NA	Solid	8015 NM	
890-2388-28	B2-2	Total/NA	Solid	8015 NM	
890-2388-29	B2-3	Total/NA	Solid	8015 NM	
890-2388-30	B2-4	Total/NA	Solid	8015 NM	
890-2388-31	B2-5	Total/NA	Solid	8015 NM	
890-2388-32	B2-6	Total/NA	Solid	8015 NM	
890-2388-33	R-1	Total/NA	Solid	8015 NM	
890-2388-34	R-2	Total/NA	Solid	8015 NM	
890-2388-35	R-3	Total/NA	Solid	8015 NM	
890-2388-36	W2-1	Total/NA	Solid	8015 NM	
890-2388-37	W2-2	Total/NA	Solid	8015 NM	
890-2388-38	W2-3	Total/NA	Solid	8015 NM	
890-2388-39	W-1	Total/NA	Solid	8015 NM	
890-2388-40	W-2	Total/NA	Solid	8015 NM	
890-2388-41	W-3	Total/NA	Solid	8015 NM	
890-2388-42	W-4	Total/NA	Solid	8015 NM	
890-2388-43	W-5	Total/NA	Solid	8015 NM	
890-2388-44	W-6	Total/NA	Solid	8015 NM	
890-2388-45	W-7	Total/NA	Solid	8015 NM	
890-2388-46	W-8	Total/NA	Solid	8015 NM	
890-2388-47	W-9	Total/NA	Solid	8015 NM	
890-2388-48	W-10	Total/NA	Solid	8015 NM	
890-2388-49	W-11	Total/NA	Solid	8015 NM	
890-2388-50	W-12	Total/NA	Solid	8015 NM	
890-2388-51	W-13	Total/NA	Solid	8015 NM	
890-2388-52	W-14	Total/NA	Solid	8015 NM	
890-2388-53	W-15	Total/NA	Solid	8015 NM	
890-2388-54	W-16	Total/NA	Solid	8015 NM	
890-2388-55	W-17	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

GC Semi VOA (Continued)

Analysis Batch: 27279 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-56	W-18	Total/NA	Solid	8015 NM	
890-2388-57	W-19	Total/NA	Solid	8015 NM	
890-2388-58	W-20	Total/NA	Solid	8015 NM	
890-2388-59	W-21	Total/NA	Solid	8015 NM	
890-2388-60	W-22	Total/NA	Solid	8015 NM	
890-2388-61	W-23	Total/NA	Solid	8015 NM	

Analysis Batch: 27332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-21	B-126	Total/NA	Solid	8015B NM	27172
890-2388-22	B-127	Total/NA	Solid	8015B NM	27172
890-2388-23	B-128	Total/NA	Solid	8015B NM	27172
890-2388-24	B-129	Total/NA	Solid	8015B NM	27172
890-2388-25	B-130	Total/NA	Solid	8015B NM	27172
890-2388-26	B-131	Total/NA	Solid	8015B NM	27172
890-2388-27	B2-1	Total/NA	Solid	8015B NM	27172
890-2388-28	B2-2	Total/NA	Solid	8015B NM	27172
890-2388-29	B2-3	Total/NA	Solid	8015B NM	27172
890-2388-30	B2-4	Total/NA	Solid	8015B NM	27172
890-2388-31	B2-5	Total/NA	Solid	8015B NM	27172
890-2388-32	B2-6	Total/NA	Solid	8015B NM	27172
890-2388-33	R-1	Total/NA	Solid	8015B NM	27172
890-2388-34	R-2	Total/NA	Solid	8015B NM	27172
890-2388-35	R-3	Total/NA	Solid	8015B NM	27172
890-2388-36	W2-1	Total/NA	Solid	8015B NM	27172
890-2388-37	W2-2	Total/NA	Solid	8015B NM	27172
890-2388-38	W2-3	Total/NA	Solid	8015B NM	27172
890-2388-39	W-1	Total/NA	Solid	8015B NM	27172
890-2388-40	W-2	Total/NA	Solid	8015B NM	27172
890-2388-61	W-23	Total/NA	Solid	8015B NM	27248
MB 880-27172/1-A	Method Blank	Total/NA	Solid	8015B NM	27172
MB 880-27248/1-A	Method Blank	Total/NA	Solid	8015B NM	27248
LCS 880-27172/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27172
LCS 880-27248/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27248
LCSD 880-27172/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27172
LCSD 880-27248/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27248
890-2388-21 MS	B-126	Total/NA	Solid	8015B NM	27172
890-2388-21 MSD	B-126	Total/NA	Solid	8015B NM	27172
890-2388-61 MS	W-23	Total/NA	Solid	8015B NM	27248
890-2388-61 MSD	W-23	Total/NA	Solid	8015B NM	27248

HPLC/IC

Leach Batch: 27186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-1	B-106	Soluble	Solid	DI Leach	
890-2388-2	B-107	Soluble	Solid	DI Leach	
890-2388-3	B-108	Soluble	Solid	DI Leach	
890-2388-4	B-109	Soluble	Solid	DI Leach	
890-2388-5	B-110	Soluble	Solid	DI Leach	
890-2388-6	B-111	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

HPLC/IC (Continued)

Leach Batch: 27186 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-7	B-112	Soluble	Solid	DI Leach	
890-2388-8	B-113	Soluble	Solid	DI Leach	
890-2388-9	B-114	Soluble	Solid	DI Leach	
890-2388-10	B-115	Soluble	Solid	DI Leach	
890-2388-11	B-116	Soluble	Solid	DI Leach	
890-2388-12	B-117	Soluble	Solid	DI Leach	
890-2388-13	B-118	Soluble	Solid	DI Leach	
890-2388-14	B-119	Soluble	Solid	DI Leach	
890-2388-15	B-120	Soluble	Solid	DI Leach	
890-2388-16	B-121	Soluble	Solid	DI Leach	
890-2388-17	B-122	Soluble	Solid	DI Leach	
890-2388-18	B-123	Soluble	Solid	DI Leach	
890-2388-19	B-124	Soluble	Solid	DI Leach	
890-2388-20	B-125	Soluble	Solid	DI Leach	
MB 880-27186/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27186/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27186/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2388-1 MS	B-106	Soluble	Solid	DI Leach	
890-2388-1 MSD	B-106	Soluble	Solid	DI Leach	
890-2388-11 MS	B-116	Soluble	Solid	DI Leach	
890-2388-11 MSD	B-116	Soluble	Solid	DI Leach	

Leach Batch: 27187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-21	B-126	Soluble	Solid	DI Leach	
890-2388-22	B-127	Soluble	Solid	DI Leach	
890-2388-23	B-128	Soluble	Solid	DI Leach	
890-2388-24	B-129	Soluble	Solid	DI Leach	
890-2388-25	B-130	Soluble	Solid	DI Leach	
890-2388-26	B-131	Soluble	Solid	DI Leach	
890-2388-27	B2-1	Soluble	Solid	DI Leach	
890-2388-28	B2-2	Soluble	Solid	DI Leach	
890-2388-29	B2-3	Soluble	Solid	DI Leach	
890-2388-30	B2-4	Soluble	Solid	DI Leach	
890-2388-31	B2-5	Soluble	Solid	DI Leach	
890-2388-32	B2-6	Soluble	Solid	DI Leach	
890-2388-33	R-1	Soluble	Solid	DI Leach	
890-2388-34	R-2	Soluble	Solid	DI Leach	
890-2388-35	R-3	Soluble	Solid	DI Leach	
890-2388-36	W2-1	Soluble	Solid	DI Leach	
890-2388-37	W2-2	Soluble	Solid	DI Leach	
890-2388-38	W2-3	Soluble	Solid	DI Leach	
890-2388-39	W-1	Soluble	Solid	DI Leach	
890-2388-40	W-2	Soluble	Solid	DI Leach	
MB 880-27187/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27187/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27187/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2388-21 MS	B-126	Soluble	Solid	DI Leach	
890-2388-21 MSD	B-126	Soluble	Solid	DI Leach	
890-2388-31 MS	B2-5	Soluble	Solid	DI Leach	
890-2388-31 MSD	B2-5	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

HPLC/IC

Leach Batch: 27188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-41	W-3	Soluble	Solid	DI Leach	
890-2388-42	W-4	Soluble	Solid	DI Leach	
890-2388-43	W-5	Soluble	Solid	DI Leach	
890-2388-44	W-6	Soluble	Solid	DI Leach	
890-2388-45	W-7	Soluble	Solid	DI Leach	
890-2388-46	W-8	Soluble	Solid	DI Leach	
890-2388-47	W-9	Soluble	Solid	DI Leach	
890-2388-48	W-10	Soluble	Solid	DI Leach	
890-2388-49	W-11	Soluble	Solid	DI Leach	
890-2388-50	W-12	Soluble	Solid	DI Leach	
890-2388-51	W-13	Soluble	Solid	DI Leach	
890-2388-52	W-14	Soluble	Solid	DI Leach	
890-2388-53	W-15	Soluble	Solid	DI Leach	
890-2388-54	W-16	Soluble	Solid	DI Leach	
890-2388-55	W-17	Soluble	Solid	DI Leach	
890-2388-56	W-18	Soluble	Solid	DI Leach	
890-2388-57	W-19	Soluble	Solid	DI Leach	
890-2388-58	W-20	Soluble	Solid	DI Leach	
890-2388-59	W-21	Soluble	Solid	DI Leach	
890-2388-60	W-22	Soluble	Solid	DI Leach	
MB 880-27188/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27188/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27188/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2388-41 MS	W-3	Soluble	Solid	DI Leach	
890-2388-41 MSD	W-3	Soluble	Solid	DI Leach	
890-2388-51 MS	W-13	Soluble	Solid	DI Leach	
890-2388-51 MSD	W-13	Soluble	Solid	DI Leach	

Leach Batch: 27189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-61	W-23	Soluble	Solid	DI Leach	
MB 880-27189/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27189/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27189/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2388-61 MS	W-23	Soluble	Solid	DI Leach	
890-2388-61 MSD	W-23	Soluble	Solid	DI Leach	

Analysis Batch: 27501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-1	B-106	Soluble	Solid	300.0	27186
890-2388-2	B-107	Soluble	Solid	300.0	27186
890-2388-3	B-108	Soluble	Solid	300.0	27186
890-2388-4	B-109	Soluble	Solid	300.0	27186
890-2388-5	B-110	Soluble	Solid	300.0	27186
890-2388-6	B-111	Soluble	Solid	300.0	27186
890-2388-7	B-112	Soluble	Solid	300.0	27186
890-2388-8	B-113	Soluble	Solid	300.0	27186
890-2388-9	B-114	Soluble	Solid	300.0	27186
890-2388-10	B-115	Soluble	Solid	300.0	27186
890-2388-11	B-116	Soluble	Solid	300.0	27186
890-2388-12	B-117	Soluble	Solid	300.0	27186

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QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

HPLC/IC (Continued)

Analysis Batch: 27501 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-13	B-118	Soluble	Solid	300.0	27186
890-2388-14	B-119	Soluble	Solid	300.0	27186
890-2388-15	B-120	Soluble	Solid	300.0	27186
890-2388-16	B-121	Soluble	Solid	300.0	27186
890-2388-17	B-122	Soluble	Solid	300.0	27186
890-2388-18	B-123	Soluble	Solid	300.0	27186
890-2388-19	B-124	Soluble	Solid	300.0	27186
890-2388-20	B-125	Soluble	Solid	300.0	27186
MB 880-27186/1-A	Method Blank	Soluble	Solid	300.0	27186
LCS 880-27186/2-A	Lab Control Sample	Soluble	Solid	300.0	27186
LCSD 880-27186/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27186
890-2388-1 MS	B-106	Soluble	Solid	300.0	27186
890-2388-1 MSD	B-106	Soluble	Solid	300.0	27186
890-2388-11 MS	B-116	Soluble	Solid	300.0	27186
890-2388-11 MSD	B-116	Soluble	Solid	300.0	27186

Analysis Batch: 27502

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-21	B-126	Soluble	Solid	300.0	27187
890-2388-22	B-127	Soluble	Solid	300.0	27187
890-2388-23	B-128	Soluble	Solid	300.0	27187
890-2388-24	B-129	Soluble	Solid	300.0	27187
890-2388-25	B-130	Soluble	Solid	300.0	27187
890-2388-26	B-131	Soluble	Solid	300.0	27187
890-2388-27	B2-1	Soluble	Solid	300.0	27187
890-2388-28	B2-2	Soluble	Solid	300.0	27187
890-2388-29	B2-3	Soluble	Solid	300.0	27187
890-2388-30	B2-4	Soluble	Solid	300.0	27187
890-2388-31	B2-5	Soluble	Solid	300.0	27187
890-2388-32	B2-6	Soluble	Solid	300.0	27187
890-2388-33	R-1	Soluble	Solid	300.0	27187
890-2388-34	R-2	Soluble	Solid	300.0	27187
890-2388-35	R-3	Soluble	Solid	300.0	27187
890-2388-36	W2-1	Soluble	Solid	300.0	27187
890-2388-37	W2-2	Soluble	Solid	300.0	27187
890-2388-38	W2-3	Soluble	Solid	300.0	27187
890-2388-39	W-1	Soluble	Solid	300.0	27187
890-2388-40	W-2	Soluble	Solid	300.0	27187
MB 880-27187/1-A	Method Blank	Soluble	Solid	300.0	27187
LCS 880-27187/2-A	Lab Control Sample	Soluble	Solid	300.0	27187
LCSD 880-27187/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27187
890-2388-21 MS	B-126	Soluble	Solid	300.0	27187
890-2388-21 MSD	B-126	Soluble	Solid	300.0	27187
890-2388-31 MS	B2-5	Soluble	Solid	300.0	27187
890-2388-31 MSD	B2-5	Soluble	Solid	300.0	27187

Analysis Batch: 27503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-41	W-3	Soluble	Solid	300.0	27188
890-2388-42	W-4	Soluble	Solid	300.0	27188
890-2388-43	W-5	Soluble	Solid	300.0	27188

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QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

HPLC/IC (Continued)

Analysis Batch: 27503 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-44	W-6	Soluble	Solid	300.0	27188
890-2388-45	W-7	Soluble	Solid	300.0	27188
890-2388-46	W-8	Soluble	Solid	300.0	27188
890-2388-47	W-9	Soluble	Solid	300.0	27188
890-2388-48	W-10	Soluble	Solid	300.0	27188
890-2388-49	W-11	Soluble	Solid	300.0	27188
890-2388-50	W-12	Soluble	Solid	300.0	27188
890-2388-51	W-13	Soluble	Solid	300.0	27188
890-2388-52	W-14	Soluble	Solid	300.0	27188
890-2388-53	W-15	Soluble	Solid	300.0	27188
890-2388-54	W-16	Soluble	Solid	300.0	27188
890-2388-55	W-17	Soluble	Solid	300.0	27188
890-2388-56	W-18	Soluble	Solid	300.0	27188
890-2388-57	W-19	Soluble	Solid	300.0	27188
890-2388-58	W-20	Soluble	Solid	300.0	27188
890-2388-59	W-21	Soluble	Solid	300.0	27188
890-2388-60	W-22	Soluble	Solid	300.0	27188
MB 880-27188/1-A	Method Blank	Soluble	Solid	300.0	27188
LCS 880-27188/2-A	Lab Control Sample	Soluble	Solid	300.0	27188
LCSD 880-27188/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27188
890-2388-41 MS	W-3	Soluble	Solid	300.0	27188
890-2388-41 MSD	W-3	Soluble	Solid	300.0	27188
890-2388-51 MS	W-13	Soluble	Solid	300.0	27188
890-2388-51 MSD	W-13	Soluble	Solid	300.0	27188

Analysis Batch: 27504

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2388-61	W-23	Soluble	Solid	300.0	27189
MB 880-27189/1-A	Method Blank	Soluble	Solid	300.0	27189
LCS 880-27189/2-A	Lab Control Sample	Soluble	Solid	300.0	27189
LCSD 880-27189/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27189
890-2388-61 MS	W-23	Soluble	Solid	300.0	27189
890-2388-61 MSD	W-23	Soluble	Solid	300.0	27189

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B-106

Lab Sample ID: 890-2388-1

Date Collected: 06/06/22 10:24

Matrix: Solid

Date Received: 06/08/22 08:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	27176	06/09/22 12:03	EL	XEN MID
Total/NA	Analysis	8021B		1			27241	06/11/22 01:57	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27171	06/09/22 11:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27121	06/09/22 21:23	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27186	06/09/22 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			27501	06/14/22 14:29	CH	XEN MID

Client Sample ID: B-107

Lab Sample ID: 890-2388-2

Date Collected: 06/06/22 10:26

Matrix: Solid

Date Received: 06/08/22 08:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	27176	06/09/22 12:03	EL	XEN MID
Total/NA	Analysis	8021B		1			27241	06/11/22 02:23	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27171	06/09/22 11:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27121	06/09/22 22:27	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27186	06/09/22 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			27501	06/14/22 14:57	CH	XEN MID

Client Sample ID: B-108

Lab Sample ID: 890-2388-3

Date Collected: 06/06/22 10:38

Matrix: Solid

Date Received: 06/08/22 08:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	27176	06/09/22 12:03	EL	XEN MID
Total/NA	Analysis	8021B		1			27241	06/11/22 02:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27171	06/09/22 11:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27121	06/09/22 22:49	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27186	06/09/22 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			27501	06/14/22 15:06	CH	XEN MID

Client Sample ID: B-109

Lab Sample ID: 890-2388-4

Date Collected: 06/06/22 10:31

Matrix: Solid

Date Received: 06/08/22 08:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	27176	06/09/22 12:03	EL	XEN MID
Total/NA	Analysis	8021B		1			27241	06/11/22 03:15	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID

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Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B-109

Date Collected: 06/06/22 10:31

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27171	06/09/22 11:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27121	06/09/22 23:11	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	27186	06/09/22 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			27501	06/14/22 15:15	CH	XEN MID

Client Sample ID: B-110

Date Collected: 06/06/22 10:34

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	27176	06/09/22 12:03	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	1.0 mL	27241	06/11/22 03:41	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27171	06/09/22 11:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27121	06/09/22 23:32	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	27186	06/09/22 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			27501	06/14/22 15:25	CH	XEN MID

Client Sample ID: B-111

Date Collected: 06/06/22 10:37

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	27176	06/09/22 12:03	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	1.0 mL	27241	06/11/22 04:07	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27171	06/09/22 11:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27121	06/09/22 23:54	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27186	06/09/22 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			27501	06/14/22 15:52	CH	XEN MID

Client Sample ID: B-112

Date Collected: 06/06/22 10:39

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	27176	06/09/22 12:03	EL	XEN MID
Total/NA	Analysis	8021B		1			27241	06/11/22 04:34	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27171	06/09/22 11:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27121	06/10/22 00:15	AJ	XEN MID

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Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B-112

Date Collected: 06/06/22 10:39

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	27186	06/09/22 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			27501	06/14/22 16:01	CH	XEN MID

Client Sample ID: B-113

Date Collected: 06/06/22 11:21

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	27176	06/09/22 12:03	EL	XEN MID
Total/NA	Analysis	8021B		1			27241	06/11/22 04:59	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27171	06/09/22 11:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27121	06/10/22 00:37	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	27186	06/09/22 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			27501	06/14/22 16:11	CH	XEN MID

Client Sample ID: B-114

Date Collected: 06/06/22 11:26

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	27338	06/11/22 18:51	MR	XEN MID
Total/NA	Analysis	8021B		1			27335	06/12/22 11:29	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27171	06/09/22 11:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27121	06/10/22 00:58	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27186	06/09/22 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			27501	06/14/22 16:20	CH	XEN MID

Client Sample ID: B-115

Date Collected: 06/06/22 11:32

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27338	06/11/22 18:51	MR	XEN MID
Total/NA	Analysis	8021B		1			27335	06/12/22 11:49	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27171	06/09/22 11:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27121	06/10/22 01:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27186	06/09/22 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			27501	06/14/22 16:29	CH	XEN MID

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Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B-116

Lab Sample ID: 890-2388-11

Date Collected: 06/06/22 11:37

Matrix: Solid

Date Received: 06/08/22 08:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	27338	06/11/22 18:51	MR	XEN MID
Total/NA	Analysis	8021B		1			27335	06/12/22 12:10	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27171	06/09/22 11:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27121	06/10/22 02:02	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27186	06/09/22 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			27501	06/14/22 16:39	CH	XEN MID

Client Sample ID: B-117

Lab Sample ID: 890-2388-12

Date Collected: 06/06/22 11:41

Matrix: Solid

Date Received: 06/08/22 08:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	27338	06/11/22 18:51	MR	XEN MID
Total/NA	Analysis	8021B		1			27335	06/12/22 12:31	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27171	06/09/22 11:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27121	06/10/22 02:23	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27186	06/09/22 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			27501	06/14/22 17:06	CH	XEN MID

Client Sample ID: B-118

Lab Sample ID: 890-2388-13

Date Collected: 06/06/22 11:44

Matrix: Solid

Date Received: 06/08/22 08:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	27338	06/11/22 18:51	MR	XEN MID
Total/NA	Analysis	8021B		1			27335	06/12/22 12:51	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	27171	06/09/22 11:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27121	06/10/22 02:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27186	06/09/22 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			27501	06/14/22 17:16	CH	XEN MID

Client Sample ID: B-119

Lab Sample ID: 890-2388-14

Date Collected: 06/06/22 11:47

Matrix: Solid

Date Received: 06/08/22 08:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	27338	06/11/22 18:51	MR	XEN MID
Total/NA	Analysis	8021B		1			27335	06/12/22 13:12	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B-119

Lab Sample ID: 890-2388-14

Date Collected: 06/06/22 11:47

Matrix: Solid

Date Received: 06/08/22 08:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27171	06/09/22 11:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27121	06/10/22 03:06	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	27186	06/09/22 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			27501	06/14/22 17:43	CH	XEN MID

Client Sample ID: B-120

Lab Sample ID: 890-2388-15

Date Collected: 06/06/22 11:50

Matrix: Solid

Date Received: 06/08/22 08:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	27338	06/11/22 18:51	MR	XEN MID
Total/NA	Analysis	8021B		1			27335	06/12/22 13:32	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27171	06/09/22 11:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27121	06/10/22 03:27	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	27186	06/09/22 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			27501	06/14/22 17:52	CH	XEN MID

Client Sample ID: B-121

Lab Sample ID: 890-2388-16

Date Collected: 06/06/22 12:47

Matrix: Solid

Date Received: 06/08/22 08:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	27338	06/11/22 18:51	MR	XEN MID
Total/NA	Analysis	8021B		1			27335	06/12/22 13:53	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27171	06/09/22 11:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27121	06/10/22 03:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27186	06/09/22 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			27501	06/14/22 18:02	CH	XEN MID

Client Sample ID: B-122

Lab Sample ID: 890-2388-17

Date Collected: 06/06/22 12:52

Matrix: Solid

Date Received: 06/08/22 08:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	27338	06/11/22 18:51	MR	XEN MID
Total/NA	Analysis	8021B		1			27335	06/12/22 14:13	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27171	06/09/22 11:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27121	06/10/22 04:09	AJ	XEN MID

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Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B-122

Date Collected: 06/06/22 12:52

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	27186	06/09/22 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			27501	06/14/22 18:11	CH	XEN MID

Client Sample ID: B-123

Date Collected: 06/06/22 12:55

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	27338	06/11/22 18:51	MR	XEN MID
Total/NA	Analysis	8021B		1			27335	06/12/22 14:34	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27171	06/09/22 11:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27121	06/10/22 04:31	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27186	06/09/22 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			27501	06/14/22 18:20	CH	XEN MID

Client Sample ID: B-124

Date Collected: 06/06/22 13:24

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	27499	06/14/22 11:32	MR	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27512	06/15/22 04:03	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27171	06/09/22 11:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27121	06/10/22 04:51	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27186	06/09/22 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			27501	06/14/22 18:29	CH	XEN MID

Client Sample ID: B-125

Date Collected: 06/06/22 12:58

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27499	06/14/22 11:32	MR	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27512	06/15/22 04:23	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27171	06/09/22 11:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27121	06/10/22 05:12	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27186	06/09/22 12:29	CH	XEN MID
Soluble	Analysis	300.0		1			27501	06/14/22 18:38	CH	XEN MID

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Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B-126

Lab Sample ID: 890-2388-21

Date Collected: 06/06/22 13:00

Matrix: Solid

Date Received: 06/08/22 08:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	27180	06/09/22 12:16	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27467	06/15/22 02:47	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27172	06/09/22 11:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27332	06/11/22 12:00	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27187	06/09/22 12:35	CH	XEN MID
Soluble	Analysis	300.0		1			27502	06/15/22 13:42	CH	XEN MID

Client Sample ID: B-127

Lab Sample ID: 890-2388-22

Date Collected: 06/06/22 13:04

Matrix: Solid

Date Received: 06/08/22 08:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	27180	06/09/22 12:16	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27467	06/15/22 03:13	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27172	06/09/22 11:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27332	06/11/22 13:04	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27187	06/09/22 12:35	CH	XEN MID
Soluble	Analysis	300.0		1			27502	06/15/22 14:09	CH	XEN MID

Client Sample ID: B-128

Lab Sample ID: 890-2388-23

Date Collected: 06/06/22 13:12

Matrix: Solid

Date Received: 06/08/22 08:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	27180	06/09/22 12:16	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27467	06/15/22 03:40	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27172	06/09/22 11:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27332	06/11/22 13:27	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27187	06/09/22 12:35	CH	XEN MID
Soluble	Analysis	300.0		1			27502	06/15/22 14:19	CH	XEN MID

Client Sample ID: B-129

Lab Sample ID: 890-2388-24

Date Collected: 06/06/22 13:16

Matrix: Solid

Date Received: 06/08/22 08:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	27180	06/09/22 12:16	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27467	06/15/22 04:07	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID

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Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B-129

Lab Sample ID: 890-2388-24

Date Collected: 06/06/22 13:16

Matrix: Solid

Date Received: 06/08/22 08:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27172	06/09/22 11:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27332	06/11/22 13:49	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	27187	06/09/22 12:35	CH	XEN MID
Soluble	Analysis	300.0		1			27502	06/15/22 14:28	CH	XEN MID

Client Sample ID: B-130

Lab Sample ID: 890-2388-25

Date Collected: 06/06/22 13:18

Matrix: Solid

Date Received: 06/08/22 08:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	27180	06/09/22 12:16	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27467	06/15/22 04:34	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27172	06/09/22 11:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27332	06/11/22 14:11	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27187	06/09/22 12:35	CH	XEN MID
Soluble	Analysis	300.0		1			27502	06/15/22 14:37	CH	XEN MID

Client Sample ID: B-131

Lab Sample ID: 890-2388-26

Date Collected: 06/06/22 13:20

Matrix: Solid

Date Received: 06/08/22 08:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27180	06/09/22 12:16	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27467	06/15/22 05:00	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27172	06/09/22 11:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27332	06/11/22 14:33	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27187	06/09/22 12:35	CH	XEN MID
Soluble	Analysis	300.0		1			27502	06/15/22 15:05	CH	XEN MID

Client Sample ID: B2-1

Lab Sample ID: 890-2388-27

Date Collected: 06/06/22 10:50

Matrix: Solid

Date Received: 06/08/22 08:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	27180	06/09/22 12:16	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27467	06/15/22 05:27	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27172	06/09/22 11:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27332	06/11/22 14:56	AJ	XEN MID

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Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B2-1

Date Collected: 06/06/22 10:50

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	27187	06/09/22 12:35	CH	XEN MID
Soluble	Analysis	300.0		1			27502	06/15/22 15:14	CH	XEN MID

Client Sample ID: B2-2

Date Collected: 06/06/22 10:54

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-28

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	27180	06/09/22 12:16	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27467	06/15/22 05:54	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27172	06/09/22 11:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27332	06/11/22 15:18	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27187	06/09/22 12:35	CH	XEN MID
Soluble	Analysis	300.0		1			27502	06/15/22 15:23	CH	XEN MID

Client Sample ID: B2-3

Date Collected: 06/06/22 10:57

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-29

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	27180	06/09/22 12:16	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27467	06/15/22 06:20	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27172	06/09/22 11:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27332	06/11/22 15:40	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27187	06/09/22 12:35	CH	XEN MID
Soluble	Analysis	300.0		1			27502	06/15/22 15:33	CH	XEN MID

Client Sample ID: B2-4

Date Collected: 06/06/22 11:00

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-30

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	27180	06/09/22 12:16	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27467	06/15/22 06:46	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27172	06/09/22 11:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27332	06/11/22 16:02	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27187	06/09/22 12:35	CH	XEN MID
Soluble	Analysis	300.0		1			27502	06/15/22 15:42	CH	XEN MID

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Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: B2-5

Date Collected: 06/06/22 11:03

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-31

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	27180	06/09/22 12:16	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27467	06/15/22 08:35	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27172	06/09/22 11:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27332	06/11/22 16:46	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	27187	06/09/22 12:35	CH	XEN MID
Soluble	Analysis	300.0		1			27502	06/15/22 15:51	CH	XEN MID

Client Sample ID: B2-6

Date Collected: 06/06/22 11:05

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-32

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	27599	06/15/22 10:22	MR	XEN MID
Total/NA	Analysis	8021B		1			27608	06/15/22 18:04	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	27172	06/09/22 11:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27332	06/11/22 17:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27187	06/09/22 12:35	CH	XEN MID
Soluble	Analysis	300.0		1			27502	06/15/22 16:19	CH	XEN MID

Client Sample ID: R-1

Date Collected: 06/06/22 12:15

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-33

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	27599	06/15/22 10:22	MR	XEN MID
Total/NA	Analysis	8021B		1			27608	06/15/22 18:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27172	06/09/22 11:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27332	06/11/22 17:31	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27187	06/09/22 12:35	CH	XEN MID
Soluble	Analysis	300.0		1			27502	06/15/22 16:28	CH	XEN MID

Client Sample ID: R-2

Date Collected: 06/06/22 12:18

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-34

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27599	06/15/22 10:22	MR	XEN MID
Total/NA	Analysis	8021B		1			27608	06/15/22 18:56	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID

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Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: R-2

Date Collected: 06/06/22 12:18

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-34

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27172	06/09/22 11:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27332	06/11/22 17:53	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27187	06/09/22 12:35	CH	XEN MID
Soluble	Analysis	300.0		1			27502	06/15/22 16:56	CH	XEN MID

Client Sample ID: R-3

Date Collected: 06/06/22 12:20

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-35

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	27599	06/15/22 10:22	MR	XEN MID
Total/NA	Analysis	8021B		1			27608	06/15/22 19:22	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27172	06/09/22 11:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27332	06/11/22 18:14	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27187	06/09/22 12:35	CH	XEN MID
Soluble	Analysis	300.0		1			27502	06/15/22 17:05	CH	XEN MID

Client Sample ID: W2-1

Date Collected: 06/06/22 12:27

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-36

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	27599	06/15/22 10:22	MR	XEN MID
Total/NA	Analysis	8021B		1			27608	06/15/22 19:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27172	06/09/22 11:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27332	06/11/22 18:36	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27187	06/09/22 12:35	CH	XEN MID
Soluble	Analysis	300.0		1			27502	06/15/22 17:14	CH	XEN MID

Client Sample ID: W2-2

Date Collected: 06/06/22 12:32

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-37

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	27599	06/15/22 10:22	MR	XEN MID
Total/NA	Analysis	8021B		1			27608	06/15/22 20:15	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27172	06/09/22 11:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27332	06/11/22 18:58	AJ	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: W2-2

Date Collected: 06/06/22 12:32

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-37

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	27187	06/09/22 12:35	CH	XEN MID
Soluble	Analysis	300.0		1			27502	06/15/22 17:23	CH	XEN MID

Client Sample ID: W2-3

Date Collected: 06/06/22 12:35

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-38

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	27599	06/15/22 10:22	MR	XEN MID
Total/NA	Analysis	8021B		1			27608	06/15/22 20:41	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27172	06/09/22 11:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27332	06/11/22 19:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27187	06/09/22 12:35	CH	XEN MID
Soluble	Analysis	300.0		1			27502	06/15/22 17:33	CH	XEN MID

Client Sample ID: W-1

Date Collected: 06/06/22 14:24

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-39

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27599	06/15/22 10:22	MR	XEN MID
Total/NA	Analysis	8021B		1			27608	06/15/22 21:07	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27172	06/09/22 11:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27332	06/11/22 19:42	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	27187	06/09/22 12:35	CH	XEN MID
Soluble	Analysis	300.0		1			27502	06/15/22 17:42	CH	XEN MID

Client Sample ID: W-2

Date Collected: 06/06/22 14:27

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-40

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	27599	06/15/22 10:22	MR	XEN MID
Total/NA	Analysis	8021B		1			27608	06/15/22 21:34	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27172	06/09/22 11:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27332	06/11/22 20:04	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27187	06/09/22 12:35	CH	XEN MID
Soluble	Analysis	300.0		1			27502	06/15/22 17:51	CH	XEN MID

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Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: W-3

Lab Sample ID: 890-2388-41

Date Collected: 06/06/22 14:32

Matrix: Solid

Date Received: 06/08/22 08:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	27184	06/09/22 12:25	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27554	06/15/22 12:02	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27204	06/09/22 14:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/10/22 11:22	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	27188	06/09/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			27503	06/15/22 14:11	CH	XEN MID

Client Sample ID: W-4

Lab Sample ID: 890-2388-42

Date Collected: 06/06/22 14:37

Matrix: Solid

Date Received: 06/08/22 08:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	27184	06/09/22 12:25	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27554	06/15/22 12:23	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27204	06/09/22 14:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/10/22 12:27	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27188	06/09/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			27503	06/15/22 14:30	CH	XEN MID

Client Sample ID: W-5

Lab Sample ID: 890-2388-43

Date Collected: 06/06/22 14:40

Matrix: Solid

Date Received: 06/08/22 08:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	27184	06/09/22 12:25	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27554	06/15/22 12:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27204	06/09/22 14:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/10/22 12:49	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27188	06/09/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			27503	06/15/22 14:37	CH	XEN MID

Client Sample ID: W-6

Lab Sample ID: 890-2388-44

Date Collected: 06/06/22 14:43

Matrix: Solid

Date Received: 06/08/22 08:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	27184	06/09/22 12:25	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27554	06/15/22 13:05	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID

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Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: W-6

Lab Sample ID: 890-2388-44

Date Collected: 06/06/22 14:43

Matrix: Solid

Date Received: 06/08/22 08:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27204	06/09/22 14:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/10/22 13:10	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27188	06/09/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			27503	06/15/22 14:43	CH	XEN MID

Client Sample ID: W-7

Lab Sample ID: 890-2388-45

Date Collected: 06/06/22 14:45

Matrix: Solid

Date Received: 06/08/22 08:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	27184	06/09/22 12:25	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27554	06/15/22 13:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27204	06/09/22 14:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/10/22 13:32	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27188	06/09/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			27503	06/15/22 14:49	CH	XEN MID

Client Sample ID: W-8

Lab Sample ID: 890-2388-46

Date Collected: 06/06/22 14:47

Matrix: Solid

Date Received: 06/08/22 08:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27184	06/09/22 12:25	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27554	06/15/22 13:46	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27204	06/09/22 14:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/10/22 13:54	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	27188	06/09/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			27503	06/15/22 15:08	CH	XEN MID

Client Sample ID: W-9

Lab Sample ID: 890-2388-47

Date Collected: 06/06/22 14:51

Matrix: Solid

Date Received: 06/08/22 08:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	27184	06/09/22 12:25	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27554	06/15/22 14:07	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27204	06/09/22 14:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/10/22 14:16	AJ	XEN MID

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Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: W-9

Date Collected: 06/06/22 14:51

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-47

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	27188	06/09/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			27503	06/15/22 15:14	CH	XEN MID

Client Sample ID: W-10

Date Collected: 06/06/22 14:54

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-48

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	27184	06/09/22 12:25	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27554	06/15/22 14:28	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27204	06/09/22 14:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/10/22 14:37	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27188	06/09/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			27503	06/15/22 15:21	CH	XEN MID

Client Sample ID: W-11

Date Collected: 06/06/22 15:00

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-49

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	27184	06/09/22 12:25	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27554	06/15/22 14:48	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	27204	06/09/22 14:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/10/22 14:59	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27188	06/09/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			27503	06/15/22 15:27	CH	XEN MID

Client Sample ID: W-12

Date Collected: 06/06/22 15:04

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-50

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	27184	06/09/22 12:25	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27554	06/15/22 15:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27204	06/09/22 14:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/10/22 15:21	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27188	06/09/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			27503	06/15/22 15:33	CH	XEN MID

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Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: W-13

Date Collected: 06/06/22 15:06

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-51

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	27184	06/09/22 12:25	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27554	06/15/22 17:12	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27204	06/09/22 14:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/10/22 16:05	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	27188	06/09/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			27503	06/15/22 15:39	CH	XEN MID

Client Sample ID: W-14

Date Collected: 06/06/22 15:30

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-52

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	27184	06/09/22 12:25	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27554	06/15/22 17:33	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	27204	06/09/22 14:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/10/22 16:27	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	27188	06/09/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			27503	06/15/22 15:58	CH	XEN MID

Client Sample ID: W-15

Date Collected: 06/06/22 15:35

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-53

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	27184	06/09/22 12:25	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27554	06/15/22 17:54	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27204	06/09/22 14:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/10/22 16:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27188	06/09/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			27503	06/15/22 16:05	CH	XEN MID

Client Sample ID: W-16

Date Collected: 06/06/22 15:40

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-54

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	27184	06/09/22 12:25	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27554	06/15/22 18:14	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: W-16

Date Collected: 06/06/22 15:40

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-54

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27204	06/09/22 14:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/10/22 17:10	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27188	06/09/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			27503	06/15/22 16:23	CH	XEN MID

Client Sample ID: W-17

Date Collected: 06/06/22 15:42

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-55

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	27184	06/09/22 12:25	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27554	06/15/22 18:35	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27204	06/09/22 14:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/10/22 17:32	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27188	06/09/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			27503	06/15/22 16:30	CH	XEN MID

Client Sample ID: W-18

Date Collected: 06/06/22 15:47

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-56

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	27184	06/09/22 12:25	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27554	06/15/22 18:56	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27204	06/09/22 14:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/10/22 17:54	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27188	06/09/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			27503	06/15/22 16:36	CH	XEN MID

Client Sample ID: W-19

Date Collected: 06/06/22 15:51

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-57

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	27184	06/09/22 12:25	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27554	06/15/22 19:17	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27204	06/09/22 14:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/10/22 18:15	AJ	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: W-19

Date Collected: 06/06/22 15:51

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-57

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	27188	06/09/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			27503	06/15/22 16:42	CH	XEN MID

Client Sample ID: W-20

Date Collected: 06/06/22 15:56

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-58

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	27184	06/09/22 12:25	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27554	06/15/22 19:37	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27204	06/09/22 14:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/10/22 18:37	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27188	06/09/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			27503	06/15/22 16:49	CH	XEN MID

Client Sample ID: W-21

Date Collected: 06/06/22 16:10

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-59

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	27184	06/09/22 12:25	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27554	06/15/22 19:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27204	06/09/22 14:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/10/22 18:59	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	27188	06/09/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			27503	06/15/22 16:55	CH	XEN MID

Client Sample ID: W-22

Date Collected: 06/06/22 16:13

Date Received: 06/08/22 08:18

Lab Sample ID: 890-2388-60

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27184	06/09/22 12:25	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27554	06/15/22 20:19	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27204	06/09/22 14:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27239	06/10/22 19:21	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	27188	06/09/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			27503	06/15/22 17:01	CH	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Client Sample ID: W-23

Lab Sample ID: 890-2388-61

Date Collected: 06/06/22 16:15

Matrix: Solid

Date Received: 06/08/22 08:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	27164	06/09/22 17:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27136	06/09/22 18:48	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27290	06/10/22 10:44	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27279	06/10/22 09:57	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27248	06/10/22 08:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27332	06/11/22 21:54	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27189	06/09/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		1			27504	06/16/22 01:50	CH	XEN MID

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Carlsbad

Sample Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-2388-1	B-106	Solid	06/06/22 10:24	06/08/22 08:18	6' - 7'
890-2388-2	B-107	Solid	06/06/22 10:26	06/08/22 08:18	6' - 7'
890-2388-3	B-108	Solid	06/06/22 10:38	06/08/22 08:18	6' - 7'
890-2388-4	B-109	Solid	06/06/22 10:31	06/08/22 08:18	7' - 8'
890-2388-5	B-110	Solid	06/06/22 10:34	06/08/22 08:18	7' - 8'
890-2388-6	B-111	Solid	06/06/22 10:37	06/08/22 08:18	7' - 8'
890-2388-7	B-112	Solid	06/06/22 10:39	06/08/22 08:18	7' - 8'
890-2388-8	B-113	Solid	06/06/22 11:21	06/08/22 08:18	6' - 7'
890-2388-9	B-114	Solid	06/06/22 11:26	06/08/22 08:18	6' - 7'
890-2388-10	B-115	Solid	06/06/22 11:32	06/08/22 08:18	6' - 7'
890-2388-11	B-116	Solid	06/06/22 11:37	06/08/22 08:18	7' - 8'
890-2388-12	B-117	Solid	06/06/22 11:41	06/08/22 08:18	7' - 8'
890-2388-13	B-118	Solid	06/06/22 11:44	06/08/22 08:18	7' - 8'
890-2388-14	B-119	Solid	06/06/22 11:47	06/08/22 08:18	7' - 8'
890-2388-15	B-120	Solid	06/06/22 11:50	06/08/22 08:18	7' - 8'
890-2388-16	B-121	Solid	06/06/22 12:47	06/08/22 08:18	6' - 7'
890-2388-17	B-122	Solid	06/06/22 12:52	06/08/22 08:18	6' - 7'
890-2388-18	B-123	Solid	06/06/22 12:55	06/08/22 08:18	6' - 7'
890-2388-19	B-124	Solid	06/06/22 13:24	06/08/22 08:18	6' - 8'
890-2388-20	B-125	Solid	06/06/22 12:58	06/08/22 08:18	6' - 8'
890-2388-21	B-126	Solid	06/06/22 13:00	06/08/22 08:18	6' - 8'
890-2388-22	B-127	Solid	06/06/22 13:04	06/08/22 08:18	6' - 8'
890-2388-23	B-128	Solid	06/06/22 13:12	06/08/22 08:18	6' - 8'
890-2388-24	B-129	Solid	06/06/22 13:16	06/08/22 08:18	6' - 8'
890-2388-25	B-130	Solid	06/06/22 13:18	06/08/22 08:18	6' - 8'
890-2388-26	B-131	Solid	06/06/22 13:20	06/08/22 08:18	6' - 8'
890-2388-27	B2-1	Solid	06/06/22 10:50	06/08/22 08:18	13 - 14'
890-2388-28	B2-2	Solid	06/06/22 10:54	06/08/22 08:18	13 - 14'
890-2388-29	B2-3	Solid	06/06/22 10:57	06/08/22 08:18	13 - 14'
890-2388-30	B2-4	Solid	06/06/22 11:00	06/08/22 08:18	13 - 14'
890-2388-31	B2-5	Solid	06/06/22 11:03	06/08/22 08:18	10' - 14'
890-2388-32	B2-6	Solid	06/06/22 11:05	06/08/22 08:18	10' - 14'
890-2388-33	R-1	Solid	06/06/22 12:15	06/08/22 08:18	8' - 10'
890-2388-34	R-2	Solid	06/06/22 12:18	06/08/22 08:18	8' - 10'
890-2388-35	R-3	Solid	06/06/22 12:20	06/08/22 08:18	8' - 10'
890-2388-36	W2-1	Solid	06/06/22 12:27	06/08/22 08:18	8' - 14'
890-2388-37	W2-2	Solid	06/06/22 12:32	06/08/22 08:18	8' - 14'
890-2388-38	W2-3	Solid	06/06/22 12:35	06/08/22 08:18	8' - 14'
890-2388-39	W-1	Solid	06/06/22 14:24	06/08/22 08:18	0' - 8'
890-2388-40	W-2	Solid	06/06/22 14:27	06/08/22 08:18	0' - 8'
890-2388-41	W-3	Solid	06/06/22 14:32	06/08/22 08:18	0' - 8'
890-2388-42	W-4	Solid	06/06/22 14:37	06/08/22 08:18	0' - 8'
890-2388-43	W-5	Solid	06/06/22 14:40	06/08/22 08:18	0' - 8'
890-2388-44	W-6	Solid	06/06/22 14:43	06/08/22 08:18	0' - 8'
890-2388-45	W-7	Solid	06/06/22 14:45	06/08/22 08:18	0' - 8'
890-2388-46	W-8	Solid	06/06/22 14:47	06/08/22 08:18	0' - 8'
890-2388-47	W-9	Solid	06/06/22 14:51	06/08/22 08:18	0' - 8'
890-2388-48	W-10	Solid	06/06/22 14:54	06/08/22 08:18	0' - 8'
890-2388-49	W-11	Solid	06/06/22 15:00	06/08/22 08:18	0' - 7'
890-2388-50	W-12	Solid	06/06/22 15:04	06/08/22 08:18	0' - 6'
890-2388-51	W-13	Solid	06/06/22 15:06	06/08/22 08:18	0' - 6'
890-2388-52	W-14	Solid	06/06/22 15:30	06/08/22 08:18	0' - 6'
890-2388-53	W-15	Solid	06/06/22 15:35	06/08/22 08:18	0' - 6'
890-2388-54	W-16	Solid	06/06/22 15:40	06/08/22 08:18	0' - 6'
890-2388-55	W-17	Solid	06/06/22 15:42	06/08/22 08:18	0' - 6'

Sample Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2388-1
SDG: S178

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-2388-56	W-18	Solid	06/06/22 15:47	06/08/22 08:18	0' - 6'
890-2388-57	W-19	Solid	06/06/22 15:51	06/08/22 08:18	0' - 7'
890-2388-58	W-20	Solid	06/06/22 15:56	06/08/22 08:18	0' - 7'
890-2388-59	W-21	Solid	06/06/22 16:10	06/08/22 08:18	0' - 7'
890-2388-60	W-22	Solid	06/06/22 16:13	06/08/22 08:18	0' - 7'
890-2388-61	W-23	Solid	06/06/22 16:15	06/08/22 08:18	0' - 7'



Environment Testing

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3333
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Chain of Custody

Work Order No: _____

www.xenco.com Page 1 of 4

Project Manager:	WILL KEEBORN	Bill to: (if different)	MR. WILSON
Company Name:	PAVING ENV	Company Name:	806 RESEARCHES EWE - MIDLAND
Address:	PO BOX 201179	Address:	5509 CAMPERS DR
City, State ZIP:	AUSTIN TX 78720	City, State ZIP:	MEDINA TX
Phone:	512-289-3272	Email:	will@pavingenv.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: _____	

[illegible][illegible]

Total 200.7 / 6010	200.8 / 6020:	8RCRA	13PPM	Texas 11	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Mo	Ni	K	Se	Ag	SiO ₂	Na	Sr	Tl	Sn	U	V	Zn
Circle Method(s) and Metal(s) to be analyzed		TC1P	/SP1P	6010	:	8RCRA	5b	As	Ba	Be	Cd	Cr	Co	Cu	Pb	Mn	Mo	Ni	Se	Ag	Tl	U										
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco. Its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins 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's such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.																																
Hgt: 1631 / 245.1 / 747.0 / 747.1																																

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		10/21/20 8:18			
3		4			
5		6			



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Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Chain of Custody

Work Order No: _____

www.xenco.com Page 2 of 7

Project Manager:	Bill to: (if different)
Company Name:	Company Name:
Address:	Address:
City, State ZIP:	City, State ZIP:
Phone:	Email:

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:	Lowell 28 Feo Com	Turn Around	☒ Routine ☐ Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:															None: NO DI Water: H ₂ O		
Project Location:	Site 1156-2	Due Date:													Cool: Cool MeOH: Me		
Sampler's Name:		TAT starts the day received by the lab, if received by 4:30pm													HCL: HC HNO: HN		
PO #:															H ₂ SO ₄ : H ₂ NaOH: Na		
SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No											H ₂ PO ₄ : HP		
Samples 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	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont											Sample Comments
B-115	Soil	6/6/2022	11:37	7-8'	Comp	1	X	BTEX (8021)	X	TPH (8015)	X	MLAR200 (ERA 300)					
B-117			11:41														
B-118			11:44														
B-119			11:47														
B-120			11:50														
B-121			12:47	6-7'													
B-122			12:52														
B-123			12:56														
B-124			13:04	6-8'													
B-125			12:58														

Total 2007/6010 2008/6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP/SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins 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 Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins 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
		6/18/22 8:18			



Environment Testing

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Chain of Custody

Work Order No: _____

www.xenco.com Page 3 of 7

Project Manager:		Bill to: (if different)	
Company Name:		Company Name:	
Address:		Address:	
City, State ZIP:		City, State ZIP:	
Phone:		Email:	

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:	LAWCUM 38 FEG COM		Turn Around	☒ Routine ☐ Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes						
Project Number:																None: NO DI Water: H ₂ O						
Project Location:			Due Date:													Cool: Cool MeOH: Me						
Sampler's Name:			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 H ₃ PO ₄ : HP						
SAMPLE RECEIPT	Temp Blank:	Yes No	Thermometer ID:	Wet Ice:	Yes No											NaHSO ₄ : NABIS						
Samples Received Inact:	Yes No															Na ₂ S ₂ O ₃ : NaSO ₃						
Cooler Custody Seals:	Yes No	N/A	Correction Factor:													Zn Acetate+NaOH: Zn						
Sample Custody Seals:	Yes No	N/A	Temperature Reading:													NaOH+Ascorbic Acid: SAPC						
Total Containers:			Corrected Temperature:																			
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont											Sample Comments					
B-126	SO ₂ L	6/6/22	1304	5-8'	GM	1	X	STEX (8021)	X	TPA (8015)	X	CHLOROC (EPA 300)										
B-127																						
B-128																						
B-129																						
B-130																						
B-131																						
B-132																						
B-133																						
B-134																						
B-135																						
B-136																						
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B-156																						
B-157																						
B-158																						
B-159																						
B-160																						

Total 2007/6010 2008/6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time



Environment Testing Xenco

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Chain of Custody

Work Order No: _____

www.xenco.com Page 4 of 7

Project Manager:		Bill to: (if different)	
Company Name:		Company Name:	
Address:		Address:	
City, State ZIP:		City, State ZIP:	
Phone:		Email:	

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:	LAURENCE 38 FEO Gm	Turn Around	☒ Routine ☐ Rush	Pres. Code		ANALYSIS REQUEST										Preservative Codes	
Project Number:		Due Date:														None: NO	DI Water: H ₂ O
Project Location:		TAT starts the day received by the lab, if received by 4:30pm														Cool: Cool	MeOH: Me
Sampler's Name:																HCL: HC	HNO ₃ : HN
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes No	Thermometer ID:	Wet Ice:	Yes No											H ₃ PO ₄ : HP	
Samples Received Inact:	Yes No															NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes No N/A		Corrected Temp:													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	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont											Sample Comments
B2-5	SOIL	6/5/22	11:03	10-14'	Comp 1		X										BTEX (8021)
B2-6							X										TDN (8015)
A-1			12:15	8-10'			X										CHLOROB (CPA 300)
A-2			12:18														
A-3			12:30														
W2-1			12:27	8-14'													
W2-2			12:32														
W2-3			12:35														
W-1			14:24	0-8'													
W-2			14:27														

Total 2007/6010 2008/6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP/SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins 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 Eurofins Xenco. A minimum charge of \$55.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins 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



Environment Testing

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Chain of Custody

Work Order No: _____

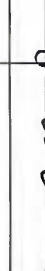
www.xenco.com Page 2 of 2

Project Manager:		Bill to: (if different)	
Company Name:		Company Name:	
Address:	SEE PAGE 1	Address:	SEE PAGE 1
City, State ZIP:		City, State ZIP:	
Phone:		Email:	

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 ☐	ADAP ☐	Other: _____	

[illegible]

Notice: Signature of this document and relinquishment of sample constitutes a valid purchase order from client company to Eurofins Xenoa. Its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenoa will be liable only for the costs 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 Eurofins Xenoa. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenoa, but not analyzed. These terms will be enforced unless previously negotiated.

Total 200.7 / 6010		200.8 / 6020:		8RCRA 13PPM Texas 11		Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn	
Circle Method(s) and Metal(s) to be analyzed				TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U		Hg: 1631 / 245.1 / 7470 / 7471	
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco. Its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins 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 Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins 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		
		12/8/20 8:16					
1							
3							
5							



Environment Testing Xenco

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Chain of Custody

Work Order No: _____

www.xenco.com Page 6 of 7

Project Manager:	Bill to: (if different)
Company Name:	Company Name:
Address:	Address:
City, State ZIP:	City, State ZIP:
Phone:	Email:

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

Project Name:	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes									
Project Number:	☒ Routine ☐ Rush														None: NO	DI Water: H ₂ O								
Project Location:	Due Date:														Cool: Cool	MeOH: Me								
Sampler's Name:	TAT starts the day received by the lab, if received by 4:30pm														HCL: HC	HNO ₃ : HN								
P.O. #:															H ₂ SO ₄ : H ₂	NaOH: Na								
SAMPLE RECEIPT	Temp Blank:	Yes ☒ No ☐	Thermometer ID:	Wet Ice:	Yes ☒ No ☐													H ₃ PO ₄ : HP						
Samples Received Intact:	Yes ☒ No ☐		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: SARC						
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont													Sample Comments					
W-13	SCIL	6/6/22	1525	0-6	CM	1	X	BRX (8021)	X	TOY (8015)	X	CHWREDE (EPA 300)												
W-14			1530																					
W-15			1535																					
W-16			1540	0-6'																				
W-17			1542																					
W-18			1547																					
W-19			1551	0-7'																				
W-20			1555																					
W-21			1610																					
W-22			1613																					

Total 2007/6010 2008/6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP/SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time



Environment Testing Xenco

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Chain of Custody

Work Order No: _____

www.xenco.com Page 7 of 7

Project Manager:		Bill to: (if different)	
Company Name:		Company Name:	
Address:		Address:	
City, State ZIP:		City, State ZIP:	
Phone:		Email:	

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:	Auction 20 Eco CM		Turn Around	Pres. Code	ANALYSIS REQUEST																Preservative Codes						
Project Number:			☐ Routine ☐ Rush																		None: NO DI Water: H ₂ O						
Project Location:	SEE PAGE 1		Due Date:																		Cool: Cool MeOH: Me						
Sampler's Name:			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	Thermometer ID:	Wat Ice:	Yes No																	H ₂ PO ₄ : HP					
Samples Received Intact:	Yes No	Thermometer ID:	Wat Ice:	Yes No																	NaHSO ₄ : NABIS						
Cooler Custody Seals:	Yes No N/A	Corrective 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: SARC						
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont																	Sample Comments				
W-23	SOIL	6/6/22	1615	0-7"	Comp	1	X	2TEX (80A1)	X	TDM (80A5)	X	CALMIDE (EPA 300)															

Total 2007 / 6010 2008 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

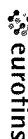
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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time

Eurofins Carlsbad

1089 N Canal St
Carlsbad NM 88220
Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record



Environment Testing America

[illegible]

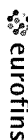
Eurofins Carlsbad

1089 N Canal St.

Carlsbad, NM 88220

Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record



Environment Testing America

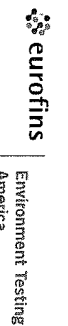
Client Information (Sub Contract Lab)				Sampler		Lab PM		Carrier Tracking No(s)		CCC No	
Client Contact				Phone		Taylor Holly		State of Origin		Page 890-784 2	
Shipping/Receiving				E-Mail		Taylor@eurofins.com		Texas		Page 2 of 7	
Company				Eurofins Environment Testing South Central		Accreditations Required (See note):		Job #		890-2388-1	
Address				1211 W Florida Ave		Due Date Requested		6/14/2022		TAT Requested (days):	
City				Midland		TAT Requested (days):		Analysis Requested			
State Zip:				TX 79701		PO #					
Phone				482-704-5440(Tel)		WFO #					
Email				Project Name		Project #:					
LakeWood 28 Fed Com				SSOW#		Field Filtered Sample (Yes or No)					
						Perform MS/MSD (Yes or No)					
						8016MOD_NM/8016NM_S_Prep (MOD) Full TPH					
						300_ORGFM_28D/DI_LEACH Chloride					
						8021B/5035FP_Calc (MOD) BTEX - LL					
						8016MOD_Calc					
						Total_BTEX_GCV					
						Total Number of containers					
						Special Instructions/Note.					
						Preservation Codes					
						A HCL		M Hexane			
						B NaOH		N None			
						C Zn Acetate		O AsNaO2			
						D Nitric Acid		P Na2O4S			
						E NaHSO4		Q Na2SO3			
						F MeOH		R Na2SO3			
						G Amnolier		S H2SO4			
						H Ascorbic Acid		T TSP Dodecanhydrate			
						I Ice		U Acetone			
						J DI Water		V MCAA			
						K EDTA		W pH 4-5			
						L EDA		Y Trizma			
						Other:		Z other (specify)			

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Eurofins Carlsbad

1089 N Canal St
Carlsbad NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Client Information (Sub Contract Lab)		Sampler	Lab PM	Carrier Tracking No(s)	COC No:					
Client Contact:		Phone:	Taylor Holly		890-784 3					
Shipping/Receiving			E-Mail	State of Origin:	Page 3 of 7					
Company			Holly Taylor@et.eurofins.com	Texas						
Eurofins Environment Testing South Cent			Accreditations Required (See note):		Job #					
Address		Due Date Requested	NEELAP - Texas		890-2388-1					
City		6/14/2022								
Midland		TAT Requested (days):								
State Zip										
TX, 79701										
Phone		PO #								
432-704-5440(Tel)		WO #								
Email										
Project Name		Project #								
Lakewood 28 Fed Com		88000270								
Site		SSOW#								
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=oil, BT=tissue, A=air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Analysis Requested	Total Number of containers	Special Instructions/Note
B-124 (890-2388-19)	6/6/22	13 24	Central		Solid	X	X	X	X	
B-125 (890-2388-20)	6/6/22	12 58	Central		Solid	X	X	X	X	
B-126 (890-2388-21)	6/6/22	13 00	Central		Solid	X	X	X	X	
B-127 (890-2388-22)	6/6/22	13 04	Central		Solid	X	X	X	X	
B-128 (890-2388-23)	6/6/22	13 12	Central		Solid	X	X	X	X	
B-129 (890-2388-24)	6/6/22	13 15	Central		Solid	X	X	X	X	
B-130 (890-2388-25)	6/6/22	13 18	Central		Solid	X	X	X	X	
B-131 (890-2388-26)	6/6/22	13 20	Central		Solid	X	X	X	X	
B2-1 (890-2388-27)	6/6/22	10 50	Central		Solid	X	X	X	X	
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Cent, LLC places the ownership of method analyte & accreditation compliance upon our subcontracted laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Cent, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Cent, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Cent, LLC.										
Possible Hazard Identification										
Unconfirmed										
Deliverable Requested I II III IV Other (specify)										
Primary Deliverable Rank 2										
Special Instructions/QC Requirements										
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ☐ Months										
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)										
Empty Kit Relinquished by										
Relinquished by										
Relinquished by										
Relinquished by										
Custody Seals Intact										
Custody Seal No										
Cooler Temperature(s) °C and Other Remarks										

Eurofins Carlsbad

1089 N Canal St.
Carlsbad NM 88220
Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record



Environment Testing

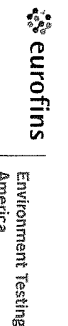
Client Information (Sub Contract Lab)						Sampler	Lab PM	Carrier Tracking Not(s)	COC No.						
Client Contact:						Taylor Holly			890-784 4						
Shipping/Receiving						E-Mail	Holly Taylor@et.eurofins.com	State of Origin	Page 4 of 7						
Company						Accreditations Required (See note):	Texas								
Eurofins Environment Testing South Central						NE LAP - Texas									
Address						Due Date Requested									
City						6/14/2022									
Midland						TAT Requested (days)									
State, Zip															
TX 79701															
Phone						PO #									
432-704-5440(Tel)															
Email						WO #									
Project Name						Project #									
Lakewood 28 Fed Com						88000270									
Site						SSOW#									
Sample Identification - Client ID (Lab ID)						Sample Date	Sample Time	Sample Type (C=Comp, G=grab) BT=Tissue, A=Aliq	Matrix (W=water S=solid, O=oils/solids, B=tissue, A=aliq)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Analysis Requested	Total Number of containers	Special Instructions/Note	
B2-2 (890-2388-28)	6/6/22	10 54	Central	Solid	X	X	X	X	X	X	X	X	X	1	
B2-3 (890-2388-29)	6/6/22	10 57	Central	Solid	X	X	X	X	X	X	X	X	X	1	
B2-4 (890-2388-30)	6/6/22	11 00	Central	Solid	X	X	X	X	X	X	X	X	X	1	
B2-5 (890-2388-31)	6/6/22	11 03	Central	Solid	X	X	X	X	X	X	X	X	X	1	
B2-6 (890-2388-32)	6/6/22	11 05	Central	Solid	X	X	X	X	X	X	X	X	X	1	
R-1 (890-2388-33)	6/6/22	12 15	Central	Solid	X	X	X	X	X	X	X	X	X	1	
R-2 (890-2388-34)	6/6/22	12 18	Central	Solid	X	X	X	X	X	X	X	X	X	1	
R-3 (890-2388-35)	6/6/22	12 20	Central	Solid	X	X	X	X	X	X	X	X	X	1	
WZ-1 (890-2388-36)	6/6/22	12 27	Central	Solid	X	X	X	X	X	X	X	X	X	1	
Note: Since laboratory accreditations are subject to change Eurofins Environment Testing South Central LLC places the ownership of method analyte & accreditation compliance upon our subcontracted laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed the samples must be shipped back to the Eurofins Environment Testing South Central LLC laboratory or other institutions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central LLC attention immediately. If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central LLC.															
Possible Hazard Identification															
Unconfirmed															
Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank 2 Special Instructions/QAC Requirements															
Empty Kit Relinquished by Date Time Company Method of Shipment:															
Relinquished by Date Time Company Received by Date Time Company															
Relinquished by Date Time Company Released by Date Time Company															
Cooler Temperature(s) °C and Other Remarks															
Custody Seals Intact: Custody Seal No															
A Yes A No															

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Eurofins Carlshad

1089 N Canal St
Carlshad NM 88220
Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record



Client Information (Sub Contract Lab)		Sampler	Lab PM	Carrier Tracking No(s)	COC No											
Client Contact	Phone	Taylor Holly			890-784-5											
Shipping/Receiving		E-Mail	Taylor@et.eurofins.com	State of Origin	Page 5 of 7											
Company		Holly Taylor	Accreditations Required (See note):	Texas	Job #											
Eurofins Environment Testing South Cent			NELAP - Texas		890-2388-1											
Address	Due Date Requested		Analysis Requested													
1211 W Florida Ave	6/14/2022															
City	TAT Requested (days):															
Midland																
State Zip:																
TX 79701																
Phone	PO #															
432-704-5440(Tel)																
Email	WO #															
Project Name	Project #															
Lakewood 28 Fed Corn	88000270															
Site	SSOW#															
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=oil, B=issue, A=air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH		300_ORGFM_28D/DI_LEACH Chloride	8021B/6035FFP_Calc (MOD) BTEX - LL	8015MOD_Calc	Total_BTEX_GCV	Total Number of containers		Special Instructions/Note:
W2-2 (890-2388-37)	6/6/22	12 32	Central		Solid	X	X	X	X	X	X	X	X	1		
W2-3 (890-2388-39)	6/6/22	12 35	Central		Solid	X	X	X	X	X	X	X	X	1		
W-1 (890-2388-39)	6/6/22	14 24	Central		Solid	X	X	X	X	X	X	X	X	1		
W-2 (890-2388-40)	6/6/22	14 27	Central		Solid	X	X	X	X	X	X	X	X	1		
W-3 (890-2388-41)	6/6/22	14 32	Central		Solid	X	X	X	X	X	X	X	X	1		
W-4 (890-2388-42)	6/6/22	14 37	Central		Solid	X	X	X	X	X	X	X	X	1		
W-5 (890-2388-43)	6/6/22	14 40	Central		Solid	X	X	X	X	X	X	X	X	1		
W-6 (890-2388-44)	6/6/22	14 43	Central		Solid	X	X	X	X	X	X	X	X	1		
W-7 (890-2388-45)	6/6/22	14 45	Central		Solid	X	X	X	X	X	X	X	X	1		
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.																
Possible Hazard Identification																
Unconfirmed																
Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank 2 Special Instructions/QC Requirements																
Empty Kit Relinquished by Date Time Company Method of Shipment																
Relinquished by Date Time Company																
Relinquished by Date Time Company																
Relinquished by Date Time Company																
Custody Seals Intact: Custody Seal No Cooler Temperature(s) °C and Other Remarks.																
Δ Yes Δ No																

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Eurofins Carlsbad

1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

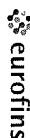


Client Information (Sub Contract Lab)		Sampler	Lab PM	Carrier Tracking No(s)	COC No
Client Contact:		Phone:	Taylor Holly		890-784 6
Shipping/Receiving			E-Mail	State of Origin	Page 6 of 7
Company:	Eurofins Environment Testing South Cent		Holly Taylor@et.eurofins.com	Texas	
Address	1211 W Florida Ave	Due Date Requested	6/14/2022	Accreditations Required (See note)	Job #:
City	Midland	TAT Requested (day/s)		NE LAP - Texas	890-2388-1
State Zip	TX 79701				
Phone	432-704-5440(Tel)	PO #			
Email		WO #			
Project Name	Lakewood 28 Fed Com	Project #:	88000270		
Site		SSOV#			
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=issue, AA=AI)
W-8 (890-2388-46)		6/6/22	14 47	Central	Solid
W-9 (890-2388-47)		6/6/22	14 51	Central	Solid
W-10 (890-2388-48)		6/6/22	14 54	Central	Solid
W-11 (890-2388-49)		6/6/22	15 00	Central	Solid
W-12 (890-2388-50)		6/6/22	15 04	Central	Solid
W-13 (890-2388-51)		6/6/22	15 06	Central	Solid
W-14 (890-2388-52)		6/6/22	15 30	Central	Solid
W-15 (890-2388-53)		6/6/22	15 35	Central	Solid
W-16 (890-2388-54)		6/6/22	15 40	Central	Solid
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central LLC places the ownership of method, analyte & accreditation compliance upon out subcontracted laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis, the sample must be shipped back to the Eurofins Environment Testing South Central LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central LLC.					
Possible Hazard Identification					
Unconfirmed					
Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank 2 Special Instructions/QC Requirements					
Empty Kit Relinquished by Date Time Method of Shipment:					
Relinquished by Date Time Company Received by Date Time Company					
Relinquished by Date Time Company Received by Date Time Company					
Custody Seals Intact Custody Seal No Cooler Temperature(s) °C and Other Remarks					
Δ Yes Δ No					

Eurofins Carlsbad

1089 N Canal St.
Carlsbad NM 88220
Phone. 575-988-3199 Fax 575-988-3199

Chain of Custody Record



Environment Testing America

Client Information (Sub Contract Lab)						Sampler	Lab PM	COC No.					
Client Contact:						Phone	Taylor Holly	890-784 7					
Shipping/Receiving						E-Mail	Taylor@euroffius.com	Page 7 of 7					
Company:						Accreditations Required (See note)		Job #:					
Eurofins Environment Testing South Centre						NELAP - Texas		890-2388-1					
Address						Due Date Requested		Preservation Codes					
1211 W. Florida Ave						6/14/2022		A HCL B NaOH C - Zn Acetate D Nitric Acid E NaHSO ₄ F MeOH G Amchlor H Ascorbic Acid I Ice J DI Water K EDTA L EDA Other:					
City						TAT Requested (days)		M Hexane N None O AsNaO ₂ P Na ₂ OAS Q Na ₂ SO ₃ R Na ₂ SO ₃ S H ₂ SO ₄ T TSP Dodecylalrate U Acetone V MCAA W pH 4.5 Y Trizma Z other (specify)					
Midland													
State Zip TX 79701													
Phone 432-704-5440(Tel)						PO #:							
Email						WO #:							
Project Name Lakewood 28 Fed Com						Project #:							
Site						SSOW#							
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=overhead, B=Triton, A=Air)	Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Analysis Requested		Total Number of containers	Special Instructions/Note:
W-17 (890-2388-55)	6/6/22	15 42	Central	Solid		X	X	X	X			1	
W-18 (890-2388-56)	6/6/22	15 47	Central	Solid		X	X	X	X			1	
W-19 (890-2388-57)	6/6/22	15 51	Central	Solid		X	X	X	X			1	
W-20 (890-2388-58)	6/6/22	15 56	Central	Solid		X	X	X	X			1	
W-21 (890-2388-59)	6/6/22	16 10	Central	Solid		X	X	X	X			1	
W-22 (890-2388-60)	6/6/22	16 13	Central	Solid		X	X	X	X			1	
W-23 (890-2388-61)	6/6/22	16 15	Central	Solid		X	X	X	X			1	
Note: Since laboratory accreditations are subject to change Eurofins Environment Testing South Central LLC places the ownership of method analyze & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central LLC attention immediately. If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central LLC. Possible Hazard Identification Unconfirmed Deliverable Requested I II III IV Other (Specify) Primary Deliverable Rank 2 Empty Kit Relinquished by Date Time Company Received by Date Time Company Method of Shipment: Date Time Company Relinquished by CUE Date Time Company Received by J. Ramez Date Time Company Relinquished by Date Time Company Received by Date Time Company Custody Seals Intact Custody Seal No Cooler Temperature(s) °C and Other Remarks Δ Yes Δ No													

Login Sample Receipt Checklist

Client: Ranger Environmental Services, Inc

Job Number: 890-2388-1

SDG Number: S178

Login Number: 2388**List Number: 1****Creator: Stutzman, Amanda****List Source: Eurofins Carlsbad**

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Ranger Environmental Services, Inc

Job Number: 890-2388-1

SDG Number: S178

Login Number: 2388**List Number: 2****Creator: Rodriguez, Leticia****List Source: Eurofins Midland****List Creation: 06/09/22 11:11 AM**

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing America

ANALYTICAL REPORT

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-2472-1

Laboratory Sample Delivery Group: 5798
Client Project/Site: Lakewood 28 Fed Com

For:

Ranger Environmental Services, Inc
PO BOX 201179
Austin, Texas 78729

Attn: Will Kierdorf

A handwritten signature in cursive script that reads "Holly Taylor".

Authorized for release by:

7/6/2022 12:50:18 PM

Holly Taylor, Project Manager
(806)794-1296

Holly.Taylor@et.eurofinsus.com

LINKS

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results through



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www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Laboratory Job ID: 890-2472-1
SDG: 5798

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	11
Lab Chronicle	13
Certification Summary	14
Method Summary	15
Sample Summary	16
Chain of Custody	17
Receipt Checklists	18

1

2

3

4

5

6

7

8

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10

11

12

13

14

Definitions/Glossary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2472-1
SDG: 5798

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2472-1
SDG: 5798

Job ID: 890-2472-1**Laboratory: Eurofins Carlsbad****Narrative****Job Narrative
890-2472-1****Receipt**

The samples were received on 6/28/2022 9:11 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.8°C

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-28738 and analytical batch 880-28713 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2472-1
SDG: 5798

Client Sample ID: B-80/A

Lab Sample ID: 890-2472-1

Date Collected: 06/27/22 09:45

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 8'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		06/30/22 09:32	07/01/22 04:35	1
Toluene	0.00315		0.00201	mg/Kg		06/30/22 09:32	07/01/22 04:35	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		06/30/22 09:32	07/01/22 04:35	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		06/30/22 09:32	07/01/22 04:35	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		06/30/22 09:32	07/01/22 04:35	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		06/30/22 09:32	07/01/22 04:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130			06/30/22 09:32	07/01/22 04:35	1
1,4-Difluorobenzene (Surr)	103		70 - 130			06/30/22 09:32	07/01/22 04:35	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			07/01/22 11:14	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			07/01/22 13:31	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		06/30/22 10:13	07/01/22 01:02	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8	mg/Kg		06/30/22 10:13	07/01/22 01:02	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		06/30/22 10:13	07/01/22 01:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	116		70 - 130			06/30/22 10:13	07/01/22 01:02	1
o-Terphenyl (Surr)	129		70 - 130			06/30/22 10:13	07/01/22 01:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.1		4.97	mg/Kg			07/04/22 16:54	1

Client Sample ID: W-3/A

Lab Sample ID: 890-2472-2

Date Collected: 06/27/22 09:50

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 1' - 8'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		06/30/22 09:32	07/01/22 04:55	1
Toluene	<0.00199	U	0.00199	mg/Kg		06/30/22 09:32	07/01/22 04:55	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		06/30/22 09:32	07/01/22 04:55	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		06/30/22 09:32	07/01/22 04:55	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		06/30/22 09:32	07/01/22 04:55	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		06/30/22 09:32	07/01/22 04:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130			06/30/22 09:32	07/01/22 04:55	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2472-1
SDG: 5798

Client Sample ID: W-3/A

Lab Sample ID: 890-2472-2

Date Collected: 06/27/22 09:50

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 1' - 8'

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	99		70 - 130	06/30/22 09:32	07/01/22 04:55	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			07/01/22 11:14	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			07/01/22 13:31	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		06/30/22 10:13	07/01/22 01:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0	mg/Kg		06/30/22 10:13	07/01/22 01:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/30/22 10:13	07/01/22 01:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130			06/30/22 10:13	07/01/22 01:24	1
o-Terphenyl (Surr)	106		70 - 130			06/30/22 10:13	07/01/22 01:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.3		5.00	mg/Kg			07/04/22 17:03	1

Surrogate Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2472-1
SDG: 5798

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-2472-1	B-80/A	122	103
890-2472-2	W-3/A	112	99
LCS 880-28734/1-A	Lab Control Sample	110	102
LCSD 880-28734/2-A	Lab Control Sample Dup	110	101
MB 880-28677/5-A	Method Blank	102	88
MB 880-28734/5-A	Method Blank	94	90
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-2472-1	B-80/A	116	129
890-2472-2	W-3/A	90	106
LCS 880-28738/2-A	Lab Control Sample	89	94
LCSD 880-28738/3-A	Lab Control Sample Dup	81	76
MB 880-28738/1-A	Method Blank	104	122
Surrogate Legend			
1CO = 1-Chlorooctane (Surr)			
OTPH = o-Terphenyl (Surr)			

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2472-1
SDG: 5798

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-28677/5-A

Matrix: Solid

Analysis Batch: 28709

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28677

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/29/22 14:58	06/30/22 11:35	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/29/22 14:58	06/30/22 11:35	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/29/22 14:58	06/30/22 11:35	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		06/29/22 14:58	06/30/22 11:35	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/29/22 14:58	06/30/22 11:35	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/29/22 14:58	06/30/22 11:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	06/29/22 14:58	06/30/22 11:35	1
1,4-Difluorobenzene (Surr)	88		70 - 130	06/29/22 14:58	06/30/22 11:35	1

Lab Sample ID: MB 880-28734/5-A

Matrix: Solid

Analysis Batch: 28709

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28734

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/30/22 09:32	06/30/22 22:23	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/30/22 09:32	06/30/22 22:23	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/30/22 09:32	06/30/22 22:23	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		06/30/22 09:32	06/30/22 22:23	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/30/22 09:32	06/30/22 22:23	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/30/22 09:32	06/30/22 22:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	06/30/22 09:32	06/30/22 22:23	1
1,4-Difluorobenzene (Surr)	90		70 - 130	06/30/22 09:32	06/30/22 22:23	1

Lab Sample ID: LCS 880-28734/1-A

Matrix: Solid

Analysis Batch: 28709

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28734

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1022		mg/Kg		102	70 - 130
Toluene	0.100	0.1002		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130
m,p-Xylenes	0.200	0.2195		mg/Kg		110	70 - 130
o-Xylene	0.100	0.1111		mg/Kg		111	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-28734/2-A

Matrix: Solid

Analysis Batch: 28709

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 28734

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09818		mg/Kg		98	70 - 130	4	35

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2472-1
SDG: 5798

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-28734/2-A

Matrix: Solid

Analysis Batch: 28709

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 28734

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.09649		mg/Kg		96	70 - 130	4	35
Ethylbenzene	0.100	0.1035		mg/Kg		103	70 - 130	3	35
m,p-Xylenes	0.200	0.2130		mg/Kg		107	70 - 130	3	35
o-Xylene	0.100	0.1083		mg/Kg		108	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-28738/1-A

Matrix: Solid

Analysis Batch: 28713

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28738

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		06/30/22 10:13	06/30/22 22:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/30/22 10:13	06/30/22 22:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/30/22 10:13	06/30/22 22:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130	06/30/22 10:13	06/30/22 22:11	1
o-Terphenyl (Surr)	122		70 - 130	06/30/22 10:13	06/30/22 22:11	1

Lab Sample ID: LCS 880-28738/2-A

Matrix: Solid

Analysis Batch: 28713

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28738

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1108		mg/Kg		111	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1029		mg/Kg		103	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	89		70 - 130
o-Terphenyl (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-28738/3-A

Matrix: Solid

Analysis Batch: 28713

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 28738

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1198		mg/Kg		120	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	1000	834.5	*1	mg/Kg		83	70 - 130	21	20

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2472-1
SDG: 5798

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-28738/3-A

Matrix: Solid

Analysis Batch: 28713

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 28738

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	81		70 - 130
o-Terphenyl (Surr)	76		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-28633/1-A

Matrix: Solid

Analysis Batch: 28885

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
Chloride	<5.00	U	5.00	mg/Kg			07/04/22 13:12		1

Lab Sample ID: LCS 880-28633/2-A

Matrix: Solid

Analysis Batch: 28885

Client Sample ID: Lab Control Sample

Prep Type: Soluble

	Spike	LCS	LCS					%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	250	229.1		mg/Kg		92	90 - 110		

Lab Sample ID: LCSD 880-28633/3-A

Matrix: Solid

Analysis Batch: 28885

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

	Spike	LCSD	LCSD					%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit		
Chloride	250	230.3		mg/Kg		92	90 - 110	0	20		

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2472-1
SDG: 5798

GC VOA

Prep Batch: 28677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-28677/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 28709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2472-1	B-80/A	Total/NA	Solid	8021B	28734
890-2472-2	W-3/A	Total/NA	Solid	8021B	28734
MB 880-28677/5-A	Method Blank	Total/NA	Solid	8021B	28677
MB 880-28734/5-A	Method Blank	Total/NA	Solid	8021B	28734
LCS 880-28734/1-A	Lab Control Sample	Total/NA	Solid	8021B	28734
LCSD 880-28734/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	28734

Prep Batch: 28734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2472-1	B-80/A	Total/NA	Solid	5035	
890-2472-2	W-3/A	Total/NA	Solid	5035	
MB 880-28734/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-28734/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-28734/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 28834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2472-1	B-80/A	Total/NA	Solid	Total BTEX	
890-2472-2	W-3/A	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 28713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2472-1	B-80/A	Total/NA	Solid	8015B NM	28738
890-2472-2	W-3/A	Total/NA	Solid	8015B NM	28738
MB 880-28738/1-A	Method Blank	Total/NA	Solid	8015B NM	28738
LCS 880-28738/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	28738
LCSD 880-28738/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	28738

Prep Batch: 28738

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2472-1	B-80/A	Total/NA	Solid	8015NM Prep	
890-2472-2	W-3/A	Total/NA	Solid	8015NM Prep	
MB 880-28738/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-28738/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-28738/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 28875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2472-1	B-80/A	Total/NA	Solid	8015 NM	
890-2472-2	W-3/A	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 28633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2472-1	B-80/A	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2472-1
SDG: 5798

HPLC/IC (Continued)

Leach Batch: 28633 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2472-2	W-3/A	Soluble	Solid	DI Leach	
MB 880-28633/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-28633/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-28633/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 28885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2472-1	B-80/A	Soluble	Solid	300.0	28633
890-2472-2	W-3/A	Soluble	Solid	300.0	28633
MB 880-28633/1-A	Method Blank	Soluble	Solid	300.0	28633
LCS 880-28633/2-A	Lab Control Sample	Soluble	Solid	300.0	28633
LCSD 880-28633/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	28633

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2472-1
SDG: 5798

Client Sample ID: B-80/A

Lab Sample ID: 890-2472-1

Date Collected: 06/27/22 09:45

Matrix: Solid

Date Received: 06/28/22 09:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	28734	06/30/22 09:32	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28709	07/01/22 04:35	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28834	07/01/22 11:14	SM	XEN MID
Total/NA	Analysis	8015 NM		1			28875	07/01/22 13:31	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	28738	06/30/22 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28713	07/01/22 01:02	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	28633	06/29/22 11:09	CH	XEN MID
Soluble	Analysis	300.0		1			28885	07/04/22 16:54	CH	XEN MID

Client Sample ID: W-3/A

Lab Sample ID: 890-2472-2

Date Collected: 06/27/22 09:50

Matrix: Solid

Date Received: 06/28/22 09:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	28734	06/30/22 09:32	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28709	07/01/22 04:55	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28834	07/01/22 11:14	SM	XEN MID
Total/NA	Analysis	8015 NM		1			28875	07/01/22 13:31	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	28738	06/30/22 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28713	07/01/22 01:24	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	28633	06/29/22 11:09	CH	XEN MID
Soluble	Analysis	300.0		1			28885	07/04/22 17:03	CH	XEN MID

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2472-1
SDG: 5798

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-23	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2472-1
SDG: 5798

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Ranger Environmental Services, Inc
Project/Site: Lakewood 28 Fed Com

Job ID: 890-2472-1
SDG: 5798

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-2472-1	B-80/A	Solid	06/27/22 09:45	06/28/22 09:11	8'
890-2472-2	W-3/A	Solid	06/27/22 09:50	06/28/22 09:11	1' - 8'

1

2

3

4

5

6

7

8

9

10

11

12

13

14



Environment Testing Xenco

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

www.xenco.com Page 1 of 1

Project Manager:	W. Kierdorf	Bill to: (if different)	
Company Name:	Ranger	Company Name:	Eob Resources Inc. - Midland
Address:	PO Box 201179	Address:	5509 Champion Dr.
City, State ZIP:	Austin, TX 78780	City, State ZIP:	Midland, TX
Phone:		Email:	Will@rangerenergy.com

Project Name:	Lakeview 28 Fed Com	Turn Around	
Project Number:	5798	☒ Routine ☐ Rush	
Project Location:	Lee Co.	Due Date:	
Sampler's Name:	W. Kennedy & J. Montoya	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT		Temp Blank:		Wet Ice:	
Samples Received Intact:	Yes No	Yes No	Yes No	Yes No	Yes No
Cooler Custody Seals:	Yes No	Yes No	Yes No	Yes No	Yes No
Sample Custody Seals:	Yes No	Yes No	Yes No	Yes No	Yes No
Total Containers:					

Sample Identification	B-80/A	Date Sampled	09/27/22	Time Sampled	0945	Depth	0.8'	Grab/Comp	Comp	# of Cont	1
	W-3/A				0950	1.8'					

Circle Method(s) and Metal(s) to be analyzed	8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
	TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 W. Kierdorf	Amanda Belfer	6/28/22 / 9:41			
3					
5					

Revised Date: 08/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: Ranger Environmental Services, Inc

Job Number: 890-2472-1

SDG Number: 5798

Login Number: 2472

List Number: 1

Creator: Stutzman, Amanda

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Ranger Environmental Services, Inc

Job Number: 890-2472-1

SDG Number: 5798

Login Number: 2472

List Number: 2

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

List Creation: 06/29/22 10:55 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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 126408

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 126408
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	7/25/2022