



SITE CHARACTERIZATION, REMEDIATION AND CLOSURE REPORT

**FEARLESS 23 FED COM #709/710
UNIT D, SECTION 23, TOWNSHIP 25S, RANGE 32E
LEA COUNTY, NEW MEXICO
32.122200, -103.652500
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 15, 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 9 & 14, 2022 – Initial Confirmation Sampling	2
3.2	Initial Sample Results and Over-excavation	3
3.3	June 27, 2022 – Additional Confirmation Sampling Activities	3
3.4	Final Cleanup Confirmation Sample Results	4
3.5	Waste Disposal	4
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
- Initial Confirmation Sample Location Map (6/9&14/2022)
- Additional Confirmation Sample Location Map (6/27/2022)
- Additional Confirmation Sample Location Map – B-8 Area (6/27/2022)
- Additional Confirmation Sample Location Map – B-62 Area (6/27/2022)

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



**SITE CHARACTERIZATION, REMEDIATION AND CLOSURE REPORT
FEARLESS 23 FED COM #709/710
UNIT D, SECTION 23, TOWNSHIP 25S RANGE 32E
LEA COUNTY, NEW MEXICO
32.122200, -103.652500
RANGER REFERENCE NO. 5198**

1.0 SITE LOCATION AND BACKGROUND

On April 19, 2022, a release was discovered at the Fearless 23 Fed Com #709/710 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 causing the tank to overflow. The Site is located approximately 26.75 miles west of Jal, within Lea County, New Mexico in Unit D, Section 23, T25S-R32E at GPS coordinates 32.122200, -103.652500.

Approximately 26 barrels (bbls) of treated reuse water were released. Upon discovery, emergency vacuum trucks were dispatched to the location and were successful in recovering approximately 6 bbls of the released fluids. The incident was reported to the New Mexico Oil Conservation Division (NMOCD) on April 19, 2022 (Incident # nAPP2212446112). 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 the 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 ≤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 9, 2022, representatives of EOG excavated the release area in order to remove the affected soils. Upon Ranger's arrival at the site on June 9, 2022, the excavated area was noted to have dimensions of approximately 260 feet by 110 feet and had a maximum depth of approximately seven feet bgs.

3.1 June 9 & 14, 2022 – Initial Confirmation Sampling

On June 9 and 14, 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 87 excavation base samples and 16 excavation wall samples were collected during the June 9 and 14, 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.

An *Initial Confirmation Sample Location Map (6/9&14/2022)* is attached which illustrates the June 9, 2022 excavation boundaries and the locations of the cleanup confirmation samples collected on June 9 and 14, 2022.

3.2 Initial Sample Results and Over-excavation

Upon review of the laboratory analytical results for the samples collected during the June 9 and 14, 2022 sampling activities, three excavation base sample locations ("B-8", "B-62", & "B-86") were documented to have concentrations in exceedance of the target NMAC 19.15.29.12 Table 1 Closure Criteria. All of the excavation wall samples, and remaining 83 excavation base sample areas were noted to have concentrations below the most stringent NMAC 19.15.29.12 Table 1 Criteria.

Based on the results, additional over-excavation activities were completed by representatives of EOG. In the "B-8" sample area, over-excavation was completed to a maximum depth of approximately 14 feet bgs. In the "B-62" sample area, over-excavation activities were completed to a maximum depth of approximately 27 feet bgs. In the "B-86" sample area, an additional one foot of soil was removed, resulting in a maximum excavation depth of five feet bgs in this area.

3.3 June 27, 2022 – Additional Confirmation Sampling Activities

On June 27, 2022, following completion of the additional over-excavation activities in the "B-8", "B-62", and "B-86" sample areas, Ranger personnel returned to the Site to conduct additional cleanup confirmation sampling activities in these areas. Once again, 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.

Due to the depth of the over-excavation activities completed in the original "B-8" and "B-62" sample areas, the lateral extent of excavation in these areas was noted to have been completed to footprints greater than the original sample areas. As such, multiple additional base samples were collected from these areas to ensure each composite soil sample represented no more than 200 square feet. Additionally, due the creation of new excavation walls associated with the increased excavation depths in these areas, additional excavation wall samples were also collected.

In the "B-8" area, a total of three excavation base samples and five excavation wall samples were collected. In the "B-62" area, a total of three excavation base and 11 excavation wall samples were collected. One additional base sample was collected from the "B-86" sample area.



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.

Multiple additional confirmation sample location maps are attached which illustrate the final excavation boundaries and cleanup confirmation sample locations.

3.4 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 which documented attainment of the site closure criteria, 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 final results of the cleanup confirmation soil sampling activities, the site has been properly remediated 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	nAPP2212446112
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) nAPP2212446112
Contact mailing address 5509 Champions Drive Midland, TX 79706	

Location of Release Source

Latitude 32.122200° Longitude -103.652500°
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Fearless 23 Fed Com #709/710	Site Type Well Pad
Date Release Discovered 4/19/22	API# (if applicable)

Unit Letter	Section	Township	Range	County
D	23	25S	32E	Lea

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

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Reuse Water	Volume Released (bbls) 26	Volume Recovered (bbls) 6
	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 12" valve on the water line going to the pump down tank was left open. This allowed the pump down tank to overflow, releasing approximately 26 bbls of treated reuse water on the pad with 6 bbls recovered.

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2212446112
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 the OCD Enviro Inbox on 4/20/22.	

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>5/4/22</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>05/04/2022</u>

Incident ID	nAPP2212446112
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	nAPP2212446112
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: _____ 07/18/22 _____

email: _____ james_kennedy@cogresources.com _____ Telephone: _____ 432-258-4346 _____

OCD Only

Received by: _____ Date: _____

Incident ID	nAPP2212446112
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: 07/18/22
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	nAPP2212446112
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: 07/18/22
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

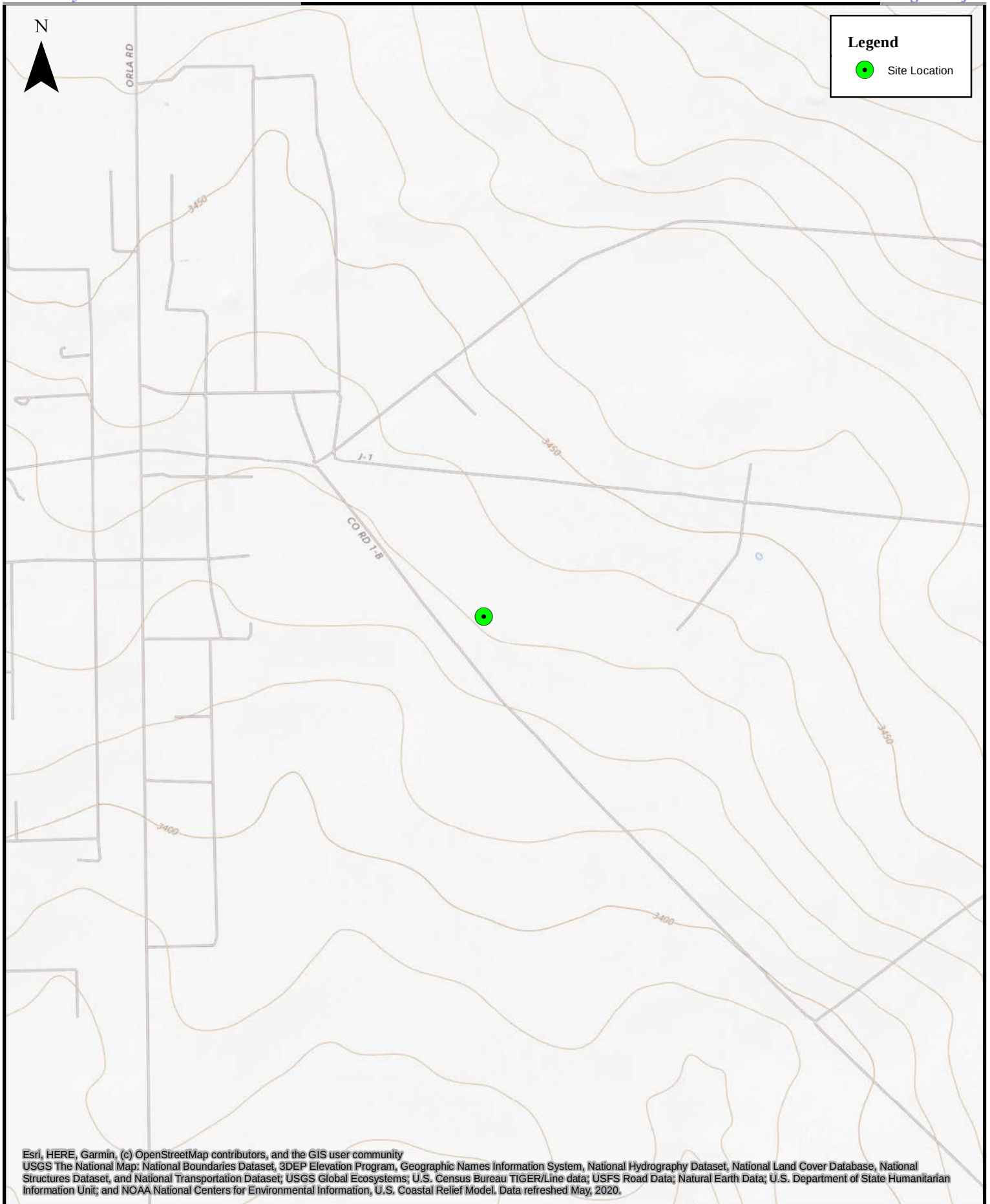
Karst Topography Map

Initial Confirmation Sample Location Map (6/9 & 14/2022)

Additional Confirmation Sample Location Map (6/27/2022)

**Additional Confirmation Sample Location Map – B-8 Area
(6/27/2022)**

**Additional Confirmation Sample Location Map – B-62 Area
(6/27/2022)**



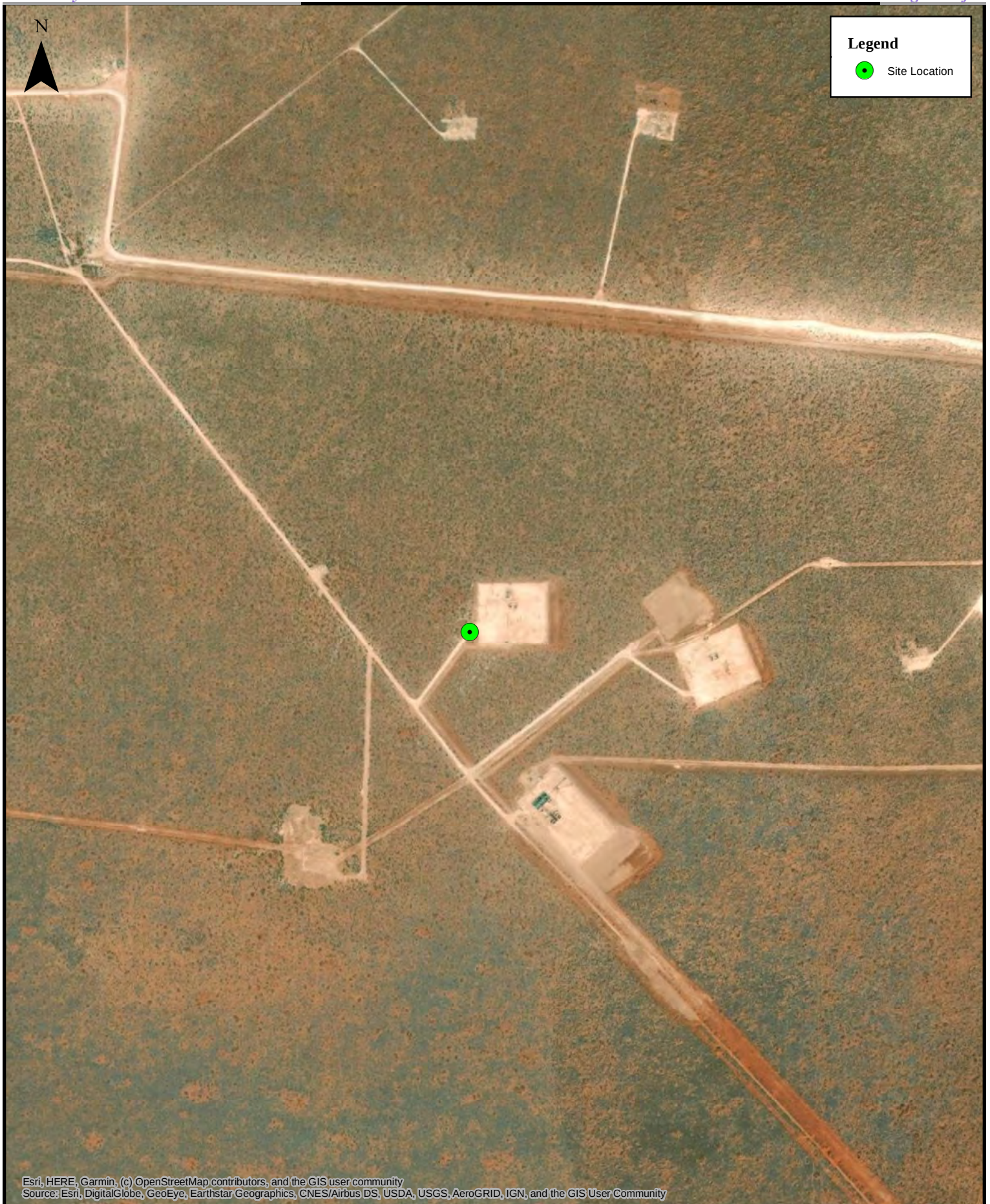
Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community
USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS Road Data; Natural Earth Data; U.S. Department of State Humanitarian Information Unit; and NOAA National Centers for Environmental Information, U.S. Coastal Relief Model, Data refreshed May, 2020.



0 600 1,200 2,400 3,600 4,800 Feet

1:24,000

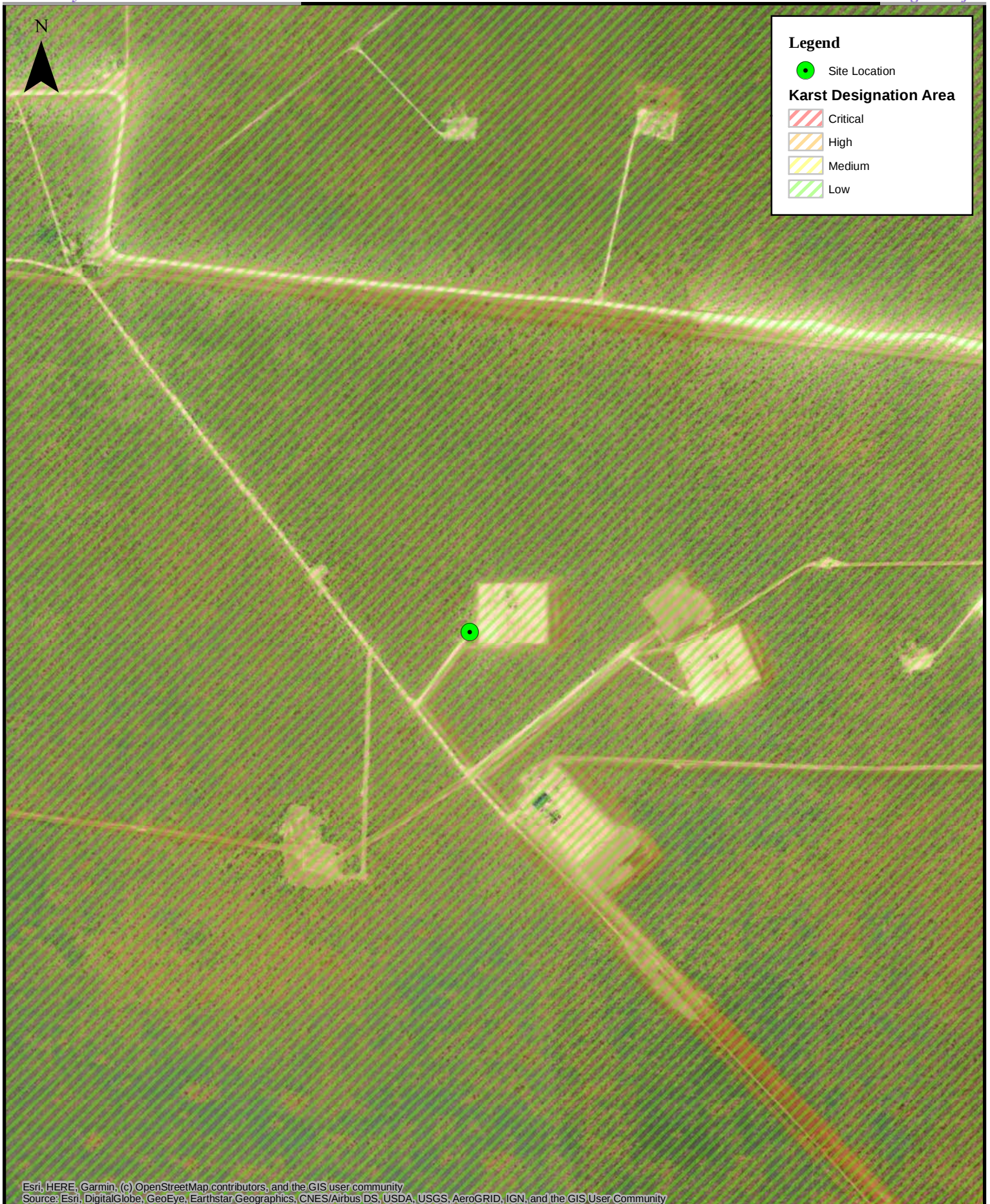
Topographic Map
Fearless 23 Fed Com #709/710
EOG Resources, Inc.



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

1:10,000

Area Map
Fearless 23 Fed Com #709/710
EOG Resources, Inc.



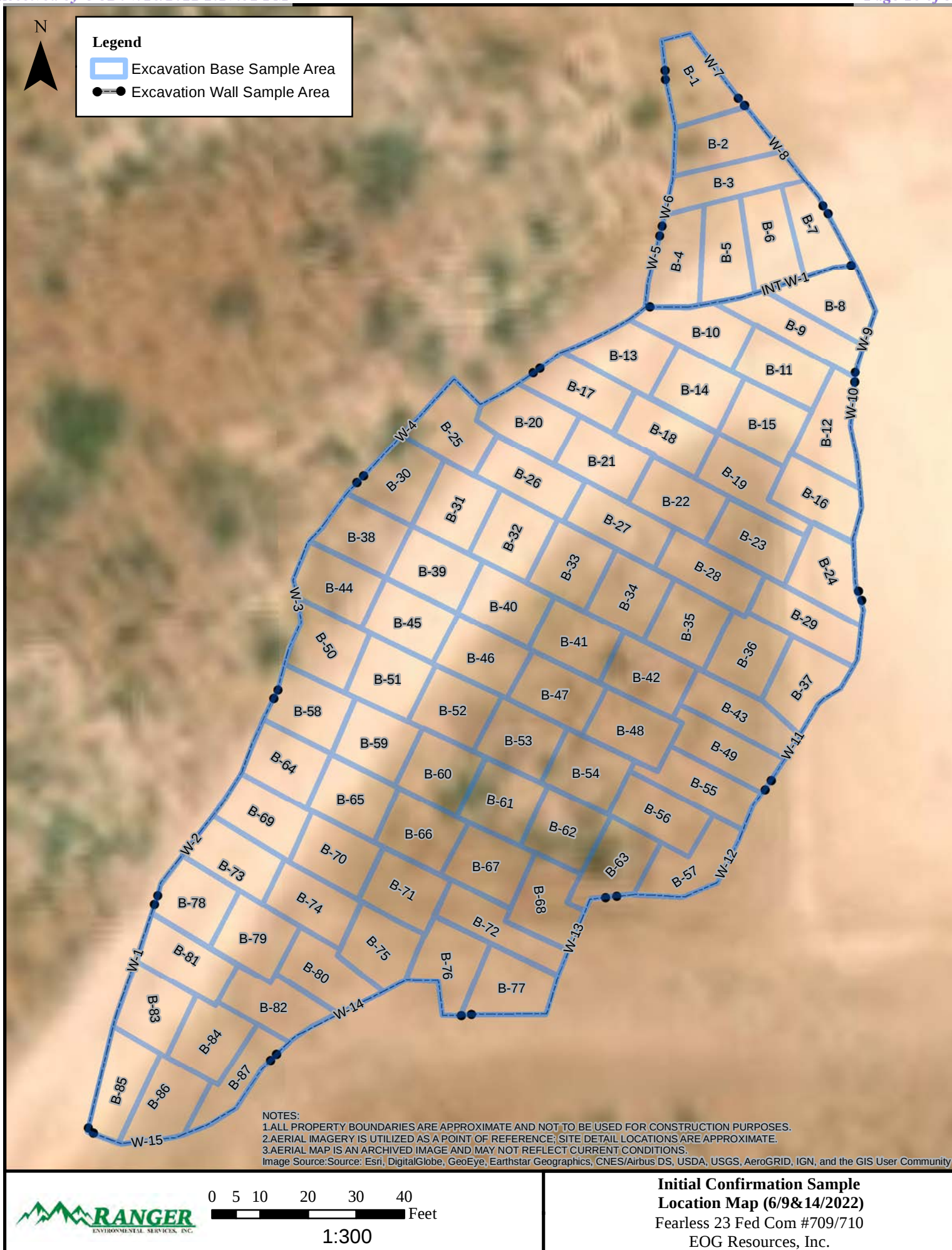
Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

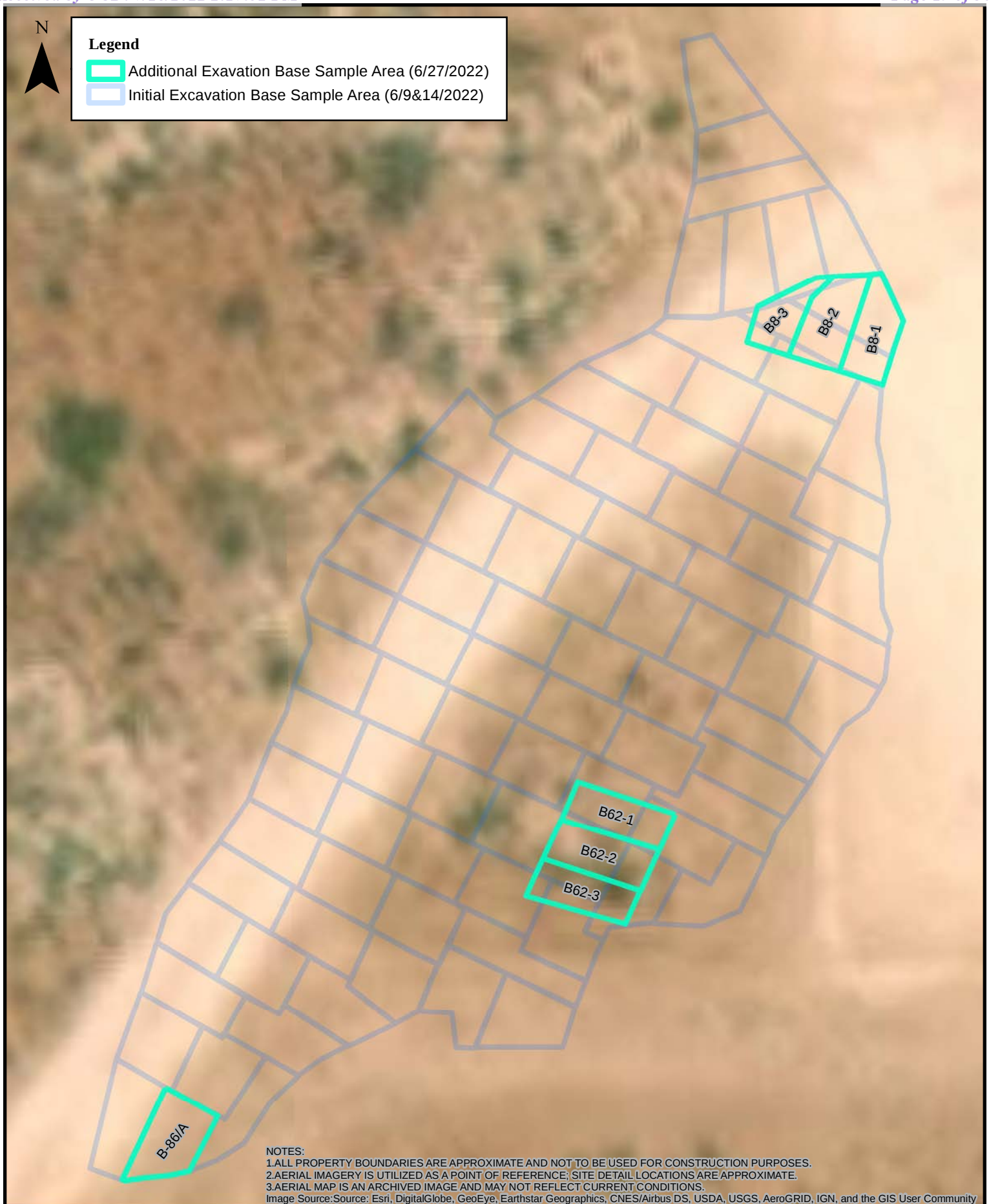


0 250 500 1,000 1,500 2,000 Feet

1:10,000

Karst Topography Map
Fearless 23 Fed Com #709/710
EOG Resources, Inc.



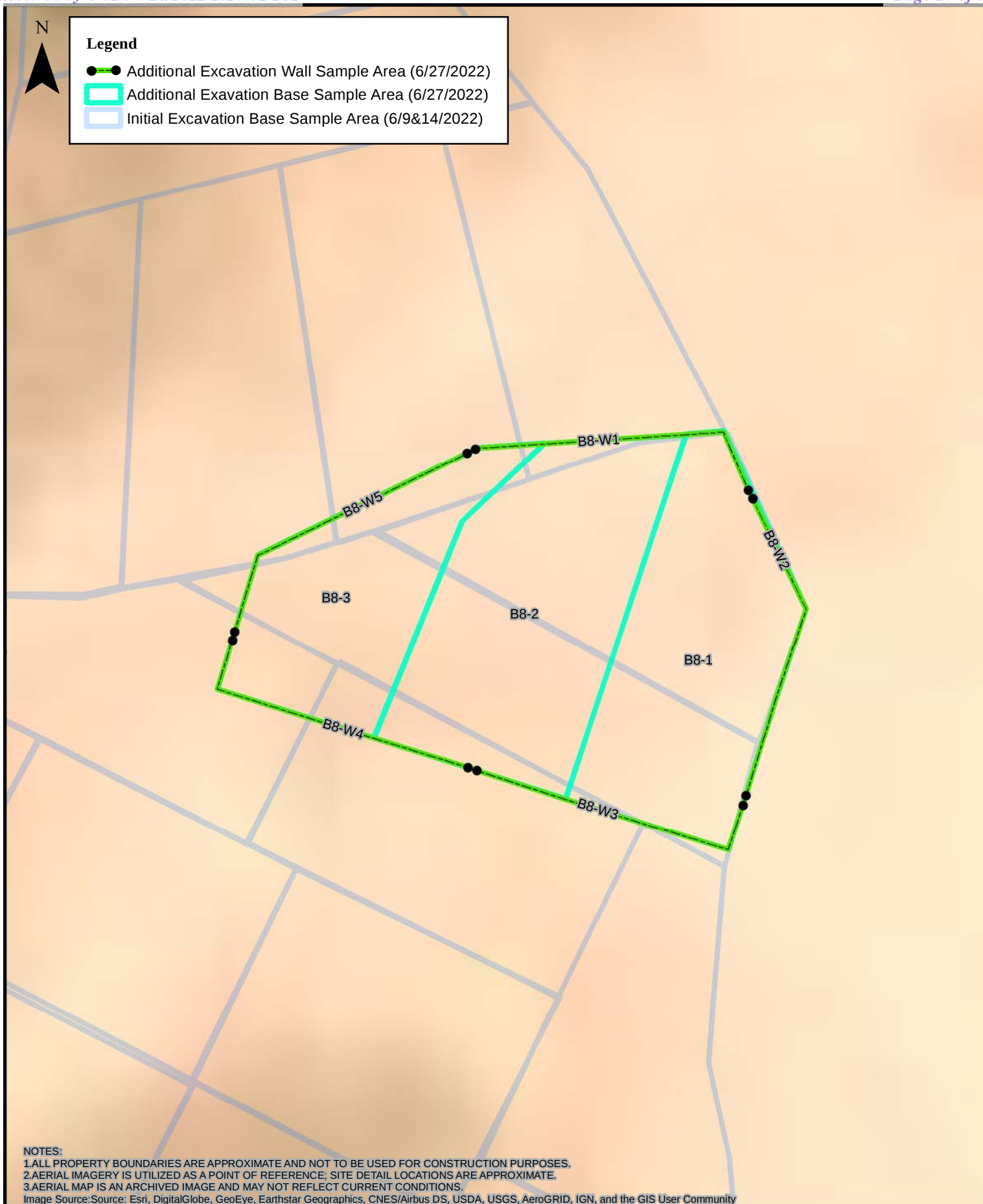


0 5 10 20 30 40
Feet

1:300

**Additional Confirmation Sample
Location Map (6/27/2022)**

Fearless 23 Fed Com #709/710
EOG Resources, Inc.

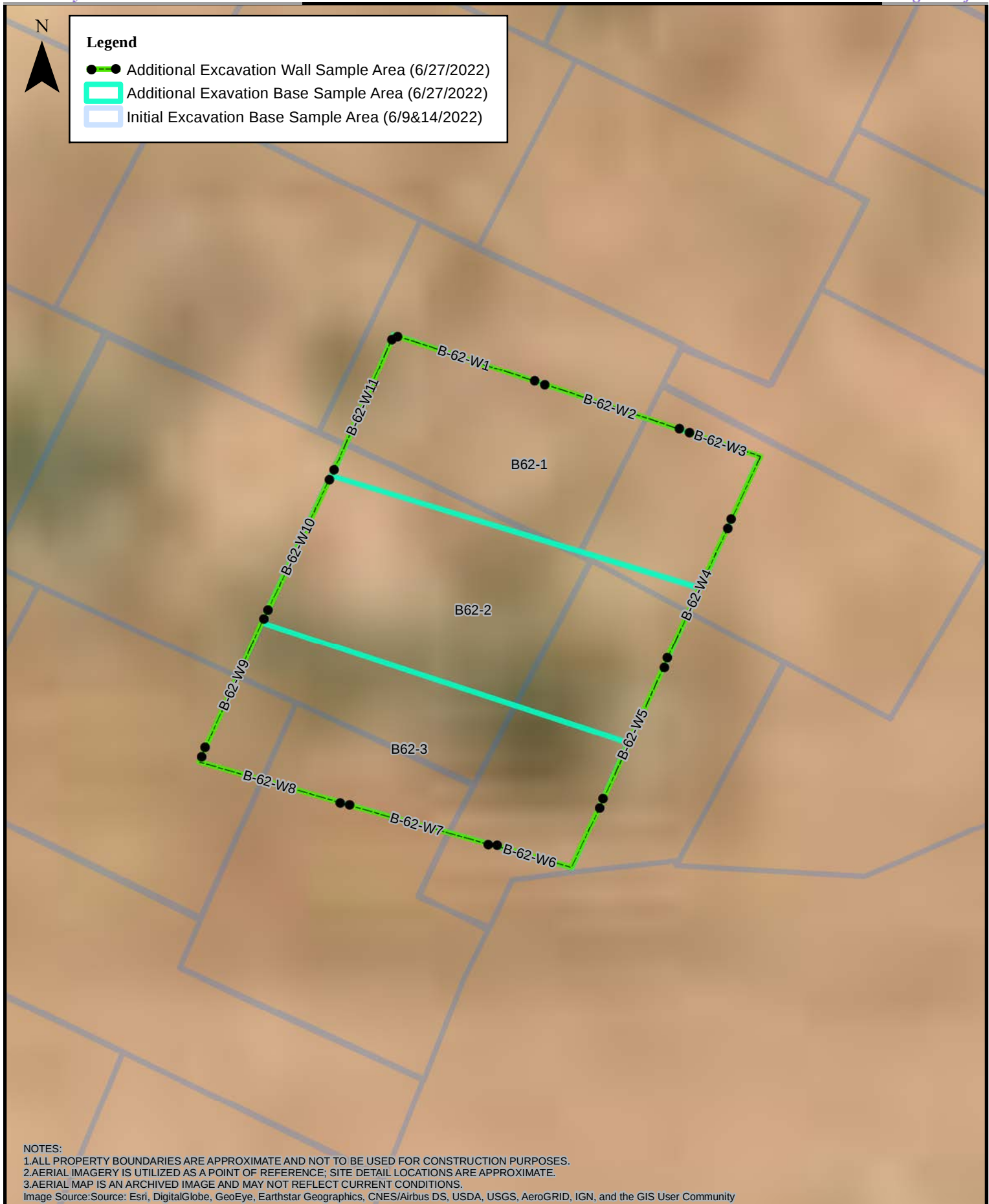


0 1.75 3.5 7 10.5 14 Feet

1:80

**Additional Confirmation Sample
Location Map - B-8 Area (6/27/2022)**

Fearless 23 Fed Com #709/710
EOG Resources, Inc.



0 1.75 3.5 7 10.5 14 Feet
1:80

**Additional Confirmation Sample
Location Map - B-62 Area (6/27/2022)**
Fearless 23 Fed Com #709/710
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													
FEARLESS 23 FED COM #709/710													
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
Initial Confirmation Samples - June 9 & 14, 2022													
W-1	6/9/22	0'-4'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	29.0
W-2	6/9/22	0'-4'	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	36.6
W-3	6/9/22	0'-4'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	42.6
W-4	6/9/22	0'-4'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	45.9
W-5	6/9/22	0'-7'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	147
W-6	6/9/22	0'-7'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	48.3
W-7	6/9/22	0'-7'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	95.2
W-8	6/9/22	0'-4.5'	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<50.0	<50.0	<50.0	<50.0	<50.0	69.0
W-9	6/9/22	0'-4.5'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	46.1
W-10	6/9/22	0'-4.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	60.3
W-11	6/9/22	0'-4.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	62.6
W-12	6/9/22	0'-4.5'	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<50.0	<50.0	<50.0	<50.0	<50.0	32.3
W-13	6/9/22	0'-3.5'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	194
W-14	6/9/22	0'-3.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	57.8
W-15	6/9/22	0'-3.5'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	110
INT W-1	6/9/22	4'-7'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	53.2
B-1	6/9/22	6'-7'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	118
B-2	6/9/22	6'-7'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	162
B-3	6/9/22	6'-7'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	100
B-4	6/9/22	6'	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<50.0	<50.0	<50.0	<50.0	<50.0	8.20
B-5	6/9/22	6'-7'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	129
B-6	6/9/22	7'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	104
B-7	6/9/22	7'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	142
B-8	6/9/22	4.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	182	<50.0	182	182	666
B-9	6/9/22	4.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	79.3
B-10	6/9/22	4'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	48.8
B-11	6/9/22	4.5'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	15.4
B-12	6/9/22	4.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	93.7	<50.0	93.7	93.7	270
B-13	6/9/22	4'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	46.0
B-14	6/9/22	4'-4.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	49.6
B-15	6/9/22	4.5'	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<50.0	<50.0	<50.0	<50.0	<50.0	30.2
B-16	6/9/22	4.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	26.8
B-17	6/9/22	4'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	32.7
B-18	6/9/22	4'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	14.5
B-19	6/9/22	4.5'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	36.1
B-20	6/9/22	4.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	27.5
B-21	6/9/22	4'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	28.6
B-22	6/9/22	4'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	60.9
B-23	6/9/22	4.5'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	37.1
B-24	6/9/22	4.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	71.8	<50.0	71.8	71.8	30.9
B-25	6/9/22	4'	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	41.7
B-26	6/9/22	4'	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<50.0	<50.0	<50.0	<50.0	<50.0	69.5
B-27	6/9/22	4'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	77.8
B-28	6/9/22	4'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	236
B-29	6/9/22	4.5'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	104
B-30	6/9/22	4'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	19.3
B-31	6/9/22	4'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	54.3
B-32	6/9/22	4.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	66.9
B-33	6/9/22	4.5'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	185
B-34	6/9/22	4.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	32.4
B-35	6/9/22	4.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	23.2
B-36	6/9/22	4.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	65.6
B-37	6/9/22	4.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	75.5
B-38	6/9/22	4'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	165
B-39	6/9/22	4'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	80.2
B-40	6/9/22	4.5'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	42.0
B-41	6/9/22	4.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	168
B-42	6/9/22	4.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	123
B-43	6/9/22	4.5'	<0.00200	<0.00200	<0.00200	<							

CONFIRMATION SOIL SAMPLE BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA EOG MIDLAND FEARLESS 23 FED COM #709/710													
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-63	6/14/22	3.5'	<0.000381	<0.000451	<0.000559	<0.00100	<0.00100	40.4J B	<14.9	16.3J	40.4J B	56.7	184
B-64	6/14/22	4'	<0.000387	<0.000458	<0.000567	<0.00101	<0.00101	17.2J	16.3J B	26.7J B	33.5J B	60.2	490
B-65	6/14/22	4'	<0.000389	<0.000461	<0.000571	<0.00102	<0.00102	33.3J	<15.0	22.1J B	33.3J	55.4	192F1
B-66	6/14/22	4'	<0.000384	<0.000455	<0.000564	<0.00101	<0.00101	24.0J	<15.0	22.4J B	24.0J	46.4J	104
B-67	6/14/22	3.5'	<0.000383	<0.000453	<0.000562	<0.00100	<0.00100	39.8J	<14.9	19.7J B	39.8J	59.5	128
B-68	6/14/22	3.5'	<0.000384	<0.000455	<0.000564	<0.00101	<0.00101	18.2J	<15.0	17.4J B	18.2J	35.6J	130
B-69	6/14/22	4'	<0.000383	<0.000454	<0.000563	<0.00101	<0.00101	<15.0	19.9J	<15.0	19.9J	19.9J	97.7
B-70	6/14/22	4'	<0.000383	<0.000453	<0.000562	<0.00100	<0.00100	<15.0	18.5J	<15.0	18.5J	18.5J	136
B-71	6/14/22	3.5'	<0.000384	<0.000455	<0.000564	<0.00101	<0.00101	<15.0	21.9J	<15.0	21.9J	21.9J	313
B-72	6/14/22	3.5'	<0.000383	<0.000454	<0.000563	<0.00101	<0.00101	<15.0	28.4J	<15.0	28.4J	28.4J	263
B-73	6/14/22	4'	<0.000383	<0.000453	<0.000562	<0.00100	<0.00100	<15.0	24.4J	<15.0	24.4J	24.4J	130
B-74	6/14/22	4'	<0.000386	<0.000457	<0.000566	0.00114J	0.00114J	<15.0	32.3J	<15.0	32.3J	32.3J	140
B-75	6/14/22	3.5'	<0.000387	<0.000459	<0.000568	<0.00102	<0.00102	<15.0	<15.0	<15.0	<15.0	<15.0	95.5
B-76	6/11/22	3.5'	<0.000384	<0.000455	<0.000564	<0.00101	<0.00101	33.3J	26.7J	<14.9	60J	60.0	33.6
B-77	6/14/22	3.5'	<0.000383	<0.000454	<0.000563	<0.00101	<0.00101	21.1J	31.0J	<15.0	52.2J	52.1	140
B-78	6/14/22	4'	<0.000386	<0.000457	<0.000566	<0.00101	<0.00101	<15.0	30.9J	<15.0	30.9J	30.9J	143
B-79	6/14/22	4'	<0.000387	<0.000458	<0.000567	<0.00101	<0.00101	19.3J	27.5J	<15.0	46.8J	46.8J	48.1
B-80	6/14/22	3.5'	<0.000384	<0.000455	<0.000564	<0.00101	<0.00101	16.8J	31.4J	<15.0	48.2J	48.2J	106
B-81	6/14/22	4'	<0.000383	0.000520J	<0.000562	<0.00100	<0.00100	<15.0	28.1J	<15.0	28.1J	28.1J	54.6
B-82	6/14/22	3.5'	<0.000383	<0.000454	<0.000563	<0.00101	<0.00101	26.1J	29.6J	<15.0	55.7J	55.7	103
B-83	6/14/22	4'	<0.000383	<0.000453	<0.000562	<0.00100	<0.00100	23.1J	15.8J	<14.9	38.9J	38.9J	44.6
B-84	6/14/22	3.5'	<0.000384	<0.000455	<0.000564	<0.00101	<0.00101	23.2J	26.4J	<15.0	49.6J B	49.6J	74.4
B-85	6/14/22	4'	<0.000386	<0.000457	<0.000566	<0.00101	<0.00101	25.6J	26.0J	<15.0	51.6J	51.6	149
B-86	6/14/22	4'	<0.000388	<0.000460	<0.000570	<0.00102	<0.00102	23.7J	85.1	<15.0	108.8J	108.8	386
B-87	6/14/22	3.5'	<0.000387	<0.000458	<0.000567	<0.00101	<0.00101	25.0J	16.7J	<15.0	41.7J	41.7J	49.5
Additional Confirmation Samples - June 27, 2022													
B8-1	6/27/22	14'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	83.0
B8-2	6/27/22	14'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	23.3
B8-3	6/27/22	14'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	88.9
B8-W1	6/27/22	4'-14'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	115
B8-W2	6/27/22	4'-14'	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	154
B8-W3	6/27/22	4'-14'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	78.8
B8-W4	6/27/22	4'-14'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8	137
B8-W5	6/27/22	4'-14'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	15.6
B-62-1	6/27/22	27'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	26.2
B-62-2	6/27/22	27'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	71.9
B-62-3	6/27/22	27'	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<49.9	<49.9	<49.9	<49.9	<49.9	113
B-62-W1	6/27/22	4'-27'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	71.1
B-62-W2	6/27/22	4'-27'	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	34.7
B-62-W3	6/27/22	4'-27'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	11.2
B-62-W4	6/27/22	4'-27'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	91.9
B-62-W5	6/27/22	4'-27'	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	484
B-62-W6	6/27/22	4'-27'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	48.1
B-62-W7	6/27/22	4'-27'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	58.7
B-62-W8	6/27/22	4'-27'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	498
B-62-W9	6/27/22	4'-27'	<0.0401	<0.0401	<0.0401	<0.0802	<0.0802	<50.0	<50.0	<50.0	<50.0	<50.0	17.8
B-62-W10	6/27/22	4'-27'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	23.3
B-62-W11	6/27/22	4'-27'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	72.5
B-86/A	6/27/22	5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	18.3
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)			10 ³				50 ³					100 ³	600
Notes:													
1. Results exceeding the Table 1 Closure Criteria are presented in bold type and are highlighted yellow.													
2. Results exceeding the NMAC Restoration, Reclamation and re-vegetation chloride concentration requirements are presented in bold red type.													
3. Value derived from the State of New Mexico Energy, Minerals and Natural Resources Department document <i>Procedures for the Implementation of the Spill Rule</i> (19.15.29 NMAC) dated September 6, 2019.													
4. Strikethrough indicates sample area has been excavated													
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	Tw	Rng	X	Y	DepthWell	DepthWater	Water Column
C 04618 POD1		CUB	LE	3	4	3	18	25S	32E	621041	3554886		55	
C 04620 POD1		CUB	LE	4	3	4	06	25S	32E	621445	3558018		55	
C 04634 POD1		CUB	LE	4	3	3	10	25S	32E	625643	3556522		55	

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 3

PLSS Search:

Township: 25S **Range:** 32E

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.

7/14/22 3:22 PM

WATER COLUMN/ AVERAGE DEPTH TO
WATER



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 01932	C	ED		3	1	12	24S	32E		628633	3567188*	492		
C 02350	CUB	ED		4	3	10	24S	32E		625826	3566333*	60		
C 03527 POD1	C	LE		1	2	3	03	24S	32E	625770	3568487	500		
C 03528 POD1	C	LE		1	1	2	15	24S	32E	626040	3566129	541		
C 03530 POD1	C	LE		3	4	3	07	24S	32E	620886	3566156	550		
C 03555 POD1	C	LE		2	2	1	05	24S	32E	622748	3569233	600	380	220
C 04536 POD1	C	LE		1	2	2	33	24S	32E	625019	3561244	500	314	186

Average Depth to Water: **347 feet**

Minimum Depth: **314 feet**

Maximum Depth: **380 feet**

Record Count: 7

PLSS Search:

Township: 24S **Range:** 32E

*UTM location was derived from PLSS - see Help

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

5/20/22 9:39 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



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

Average Depth to Water: **202 feet**

Minimum Depth: **0 feet**

Maximum Depth: **405 feet**

Record Count: 12

PLSS Search:

Township: 26S **Range:** 32E

*UTM location was derived from PLSS - see Help

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

5/20/22 9:40 AM

WATER COLUMN/ AVERAGE DEPTH TO
WATER



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 02250		CUB	ED	3	1	4	21	25S	31E	614912	3553620*	400	390	10
C 02568		CUB	ED	4	3	1	01	25S	31E	619103	3558892*	1025		
C 02569		CUB	ED	4	4	2	02	25S	31E	618699	3558891*	1016		
C 02570		CUB	ED	4	2	4	02	25S	31E	618704	3558489*	895		
C 02571		CUB	ED	4	1	2	02	25S	31E	618292	3559294*	860		
C 02572		CUB	ED	4	2	2	02	25S	31E	618695	3559294*	852		
C 02573		CUB	ED	1	4	2	02	25S	31E	618499	3559091*			
C 02574		CUB	ED	1	1	2	02	25S	31E	618092	3559494*			
C 03830 POD1		CUB	ED	4	2	4	02	25S	31E	618632	3558432	450		
C 04479 POD1		CUB	ED	2	1	1	04	25S	31E	614182	3559400	0	0	0
C 04500 POD1		CUB	ED	4	4	1	28	25S	31E	614620	3552380			

Average Depth to Water: **195 feet**

Minimum Depth: **0 feet**

Maximum Depth: **390 feet**

Record Count: 11

PLSS Search:

Township: 25S **Range:** 31E

*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.

5/20/22 9:41 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



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	Tw	Rng	X	Y	DepthWell	DepthWater	Water Column
C 02312		CUB	LE	1	2	1	05	25S	33E	632292	3559772	150	90	60
C 02313		CUB	LE	2	3	3	26	25S	33E	636971	3552098*	150	110	40
C 02373 CLW317846	O	CUB	LE	2	1	1	13	25S	33E	638518	3556544*	625	185	440
C 02373 S		CUB	LE	1	2	1	13	25S	33E	638721	3556549*	625	185	440
C 04537 POD1		C	LE	4	4	4	31	25S	33E	631847	3550243	500	280	220
C 04627 POD1		CUB	LE	3	3	4	08	25S	33E	632665	3556725			

Average Depth to Water: **170 feet**

Minimum Depth: **90 feet**

Maximum Depth: **280 feet**

Record Count: 6

PLSS Search:

Township: 25S **Range:** 33E

*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.

7/14/22 3:27 PM

WATER COLUMN/ AVERAGE DEPTH TO
WATER

ATTACHMENT 2 – PHOTOGRAPHIC DOCUMENTATION



**PHOTOGRAPH NO. 1 – A general view of the excavation/remediation area on June 9, 2022.
The view is towards the northeast.**

(Approximate GPS Coordinates: 32.121599, -103.653405)



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

(Approximate GPS Coordinates: 32.122244, -103.652777)



PHOTOGRAPH NO. 3 – A view of the over-excavation activities in the “B-8” sample area on June 27, 2022. The view is towards the southeast.

(Approximate GPS Coordinates: 32.122104, -103.653030)



PHOTOGRAPH NO. 4 – A view of the over-excavation activities in the “B-62” sample area on June 27, 2022. The view is towards the southeast.

(Approximate GPS Coordinates: 32.121830, -103.653156)



PHOTOGRAPH NO. 5 – A view of the over-excavation activities in the “B-86” sample area on June 27, 2022. The view is towards the southwest.
(Approximate GPS Coordinates: 32.121784, -103.653355)

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: 890-2404-1

Laboratory Sample Delivery Group: 5198
Client Project/Site: Fearless 23 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:

6/20/2022 5:21:34 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: Fearless 23 FED COM

Laboratory Job ID: 890-2404-1
SDG: 5198

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	6
Surrogate Summary	54
QC Sample Results	58
QC Association Summary	75
Lab Chronicle	89
Certification Summary	107
Method Summary	108
Sample Summary	109
Chain of Custody	111
Receipt Checklists	117

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Qualifiers

GC VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance 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, high biased.
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.
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.
α	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

Eurofins Carlsbad

Case Narrative

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Job ID: 890-2404-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-2404-1

Comments

No additional comments.

Receipt

The samples were received on 6/10/2022 8:34 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 1.8° C.

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 880-27537 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.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (890-2396-A-2-F MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: W-5 (890-2404-5). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-27543 and analytical batch 880-27652 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.

Methods 8021B, Total BTEX: The continuing calibration verification (CCV) associated with batch 880-27652 recovered above the upper control limit for Ethylbenzene, m,p-Xylenes and o-Xylene. The samples associated with this CCV were ran within 12 hours of passing CCV; therefore, the data have been reported.

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 laboratory control sample (LCS) associated with preparation batch 880-27379 and 880-27449 and analytical batch 880-27351 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 samples were outside control limits: B-42 (890-2404-57), (LCS 880-27379/2-A), (LCS 880-27449/2-A), (LCSD 880-27379/3-A) and (LCSD 880-27449/3-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-27382 and analytical batch 880-27355 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 8015B NM: Surrogate recovery for the following samples were outside control limits: B-10 (890-2404-26), B-11 (890-2404-27), B-14 (890-2404-30), B-18 (890-2404-34), (LCS 880-27382/2-A) and (LCSD 880-27382/3-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: B-28 (890-2404-43), (880-15766-A-14-B MS) and (880-15766-A-14-C MSD). Evidence of matrix interferences is not obvious.

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 method reporting limit check (MRL) for preparation batch 880-27519 and 880-27519 and analytical batch 880-27823

Case Narrative

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Job ID: 890-2404-1 (Continued)

Laboratory: Eurofins Carlsbad (Continued)

recovered outside control limits for the following analytes: Chloride. These analytes were biased high in the MRL and were not detected in the associated samples; therefore, the data have been reported.

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.

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: W-1

Lab Sample ID: 890-2404-1

Date Collected: 06/09/22 09:26

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 0' - 4'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		06/14/22 15:38	06/16/22 03:56	1
Toluene	<0.00198	U	0.00198	mg/Kg		06/14/22 15:38	06/16/22 03:56	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		06/14/22 15:38	06/16/22 03:56	1
m,p-Xylenes	<0.00396	U	0.00396	mg/Kg		06/14/22 15:38	06/16/22 03:56	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		06/14/22 15:38	06/16/22 03:56	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		06/14/22 15:38	06/16/22 03:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	06/14/22 15:38	06/16/22 03:56	1
1,4-Difluorobenzene (Surr)	98		70 - 130	06/14/22 15:38	06/16/22 03:56	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:28	06/13/22 18:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U *	49.9	mg/Kg		06/13/22 09:28	06/13/22 18:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/13/22 09:28	06/13/22 18:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130	06/13/22 09:28	06/13/22 18:30	1
o-Terphenyl (Surr)	113		70 - 130	06/13/22 09:28	06/13/22 18:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.0		5.05	mg/Kg			06/17/22 07:12	1

Client Sample ID: W-2

Lab Sample ID: 890-2404-2

Date Collected: 06/09/22 09:27

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 0' - 4'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		06/14/22 15:38	06/16/22 04:16	1
Toluene	<0.00202	U	0.00202	mg/Kg		06/14/22 15:38	06/16/22 04:16	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		06/14/22 15:38	06/16/22 04:16	1
m,p-Xylenes	<0.00403	U	0.00403	mg/Kg		06/14/22 15:38	06/16/22 04:16	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		06/14/22 15:38	06/16/22 04:16	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		06/14/22 15:38	06/16/22 04:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	06/14/22 15:38	06/16/22 04:16	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: W-2

Date Collected: 06/09/22 09:27

Date Received: 06/10/22 08:43

Sample Depth: 0' - 4'

Lab Sample ID: 890-2404-2

Matrix: Solid

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	117		70 - 130	06/14/22 15:38	06/16/22 04:16	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:28	06/13/22 18:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0	mg/Kg		06/13/22 09:28	06/13/22 18:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:28	06/13/22 18:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130			06/13/22 09:28	06/13/22 18:53	1
o-Terphenyl (Surr)	121		70 - 130			06/13/22 09:28	06/13/22 18:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.6		5.00	mg/Kg			06/17/22 07:20	1

Client Sample ID: W-3

Date Collected: 06/09/22 09:29

Date Received: 06/10/22 08:43

Sample Depth: 0' - 4'

Lab Sample ID: 890-2404-3

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 15:38	06/16/22 04:37	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/14/22 15:38	06/16/22 04:37	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/14/22 15:38	06/16/22 04:37	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		06/14/22 15:38	06/16/22 04:37	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/14/22 15:38	06/16/22 04:37	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		06/14/22 15:38	06/16/22 04:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	06/14/22 15:38	06/16/22 04:37	1
1,4-Difluorobenzene (Surr)	85		70 - 130	06/14/22 15:38	06/16/22 04:37	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			06/16/22 10:02	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			06/14/22 09:24	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: W-3

Date Collected: 06/09/22 09:29

Date Received: 06/10/22 08:43

Sample Depth: 0' - 4'

Lab Sample ID: 890-2404-3

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		06/13/22 09:28	06/13/22 19:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U *	50.0	mg/Kg		06/13/22 09:28	06/13/22 19:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:28	06/13/22 19:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130			06/13/22 09:28	06/13/22 19:15	1
o-Terphenyl (Surr)	110		70 - 130			06/13/22 09:28	06/13/22 19:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.6		4.95	mg/Kg			06/17/22 07:28	1

Client Sample ID: W-4

Date Collected: 06/09/22 09:31

Date Received: 06/10/22 08:43

Sample Depth: 0' - 4'

Lab Sample ID: 890-2404-4

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		06/14/22 15:38	06/16/22 04:58	1
Toluene	<0.00199	U	0.00199	mg/Kg		06/14/22 15:38	06/16/22 04:58	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		06/14/22 15:38	06/16/22 04:58	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		06/14/22 15:38	06/16/22 04:58	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		06/14/22 15:38	06/16/22 04:58	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		06/14/22 15:38	06/16/22 04:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		70 - 130			06/14/22 15:38	06/16/22 04:58	1
1,4-Difluorobenzene (Surr)	103		70 - 130			06/14/22 15:38	06/16/22 04:58	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:28	06/13/22 19:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U *	49.9	mg/Kg		06/13/22 09:28	06/13/22 19:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/13/22 09:28	06/13/22 19:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130			06/13/22 09:28	06/13/22 19:37	1
o-Terphenyl (Surr)	120		70 - 130			06/13/22 09:28	06/13/22 19:37	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: W-4

Date Collected: 06/09/22 09:31

Date Received: 06/10/22 08:43

Sample Depth: 0' - 4'

Lab Sample ID: 890-2404-4

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.9		4.99	mg/Kg			06/17/22 07:36	1

Client Sample ID: W-5

Date Collected: 06/09/22 09:33

Date Received: 06/10/22 08:43

Sample Depth: 0' - 7'

Lab Sample ID: 890-2404-5

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		06/14/22 15:38	06/16/22 05:18	1
Toluene	<0.00202	U	0.00202	mg/Kg		06/14/22 15:38	06/16/22 05:18	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		06/14/22 15:38	06/16/22 05:18	1
m,p-Xylenes	<0.00404	U	0.00404	mg/Kg		06/14/22 15:38	06/16/22 05:18	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		06/14/22 15:38	06/16/22 05:18	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		06/14/22 15:38	06/16/22 05:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130			06/14/22 15:38	06/16/22 05:18	1
1,4-Difluorobenzene (Surr)	91		70 - 130			06/14/22 15:38	06/16/22 05:18	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:28	06/13/22 19:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0	mg/Kg		06/13/22 09:28	06/13/22 19:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:28	06/13/22 19:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	97		70 - 130			06/13/22 09:28	06/13/22 19:58	1
o-Terphenyl (Surr)	118		70 - 130			06/13/22 09:28	06/13/22 19:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	147		5.01	mg/Kg			06/17/22 08:00	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: W-6

Lab Sample ID: 890-2404-6

Date Collected: 06/09/22 09:35

Matrix: Solid

Date Received: 06/10/22 08:43

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	-	06/14/22 15:38	06/16/22 05:39	1
Toluene	<0.00202	U	0.00202	mg/Kg	-	06/14/22 15:38	06/16/22 05:39	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg	-	06/14/22 15:38	06/16/22 05:39	1
m,p-Xylenes	<0.00404	U	0.00404	mg/Kg	-	06/14/22 15:38	06/16/22 05:39	1
o-Xylene	<0.00202	U	0.00202	mg/Kg	-	06/14/22 15:38	06/16/22 05:39	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg	-	06/14/22 15:38	06/16/22 05:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	06/14/22 15:38	06/16/22 05:39	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/14/22 15:38	06/16/22 05:39	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	-		06/16/22 10:02	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	-		06/14/22 09:24	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	-	06/13/22 09:28	06/13/22 20:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U *	49.9	mg/Kg	-	06/13/22 09:28	06/13/22 20:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg	-	06/13/22 09:28	06/13/22 20:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130	06/13/22 09:28	06/13/22 20:20	1
o-Terphenyl (Surr)	110		70 - 130	06/13/22 09:28	06/13/22 20:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	48.3		4.98	mg/Kg	-		06/17/22 08:08	1

Client Sample ID: W-7

Lab Sample ID: 890-2404-7

Date Collected: 06/09/22 09:37

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 0' - 7'

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 15:38	06/16/22 05:59	1
Toluene	<0.00200	U	0.00200	mg/Kg	-	06/14/22 15:38	06/16/22 05:59	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg	-	06/14/22 15:38	06/16/22 05:59	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg	-	06/14/22 15:38	06/16/22 05:59	1
o-Xylene	<0.00200	U	0.00200	mg/Kg	-	06/14/22 15:38	06/16/22 05:59	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg	-	06/14/22 15:38	06/16/22 05:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	06/14/22 15:38	06/16/22 05:59	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: W-7

Lab Sample ID: 890-2404-7

Date Collected: 06/09/22 09:37

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 0' - 7'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	102		70 - 130	06/14/22 15:38	06/16/22 05:59	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:28	06/13/22 20:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9	mg/Kg		06/13/22 09:28	06/13/22 20:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/13/22 09:28	06/13/22 20:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130			06/13/22 09:28	06/13/22 20:41	1
o-Terphenyl (Surr)	114		70 - 130			06/13/22 09:28	06/13/22 20:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.2		5.00	mg/Kg			06/17/22 08:31	1

Client Sample ID: W-8

Lab Sample ID: 890-2404-8

Date Collected: 06/09/22 09:39

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 0' - 4.5'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		06/14/22 15:38	06/16/22 06:20	1
Toluene	<0.00198	U	0.00198	mg/Kg		06/14/22 15:38	06/16/22 06:20	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		06/14/22 15:38	06/16/22 06:20	1
m,p-Xylenes	<0.00397	U	0.00397	mg/Kg		06/14/22 15:38	06/16/22 06:20	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		06/14/22 15:38	06/16/22 06:20	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		06/14/22 15:38	06/16/22 06:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	06/14/22 15:38	06/16/22 06:20	1
1,4-Difluorobenzene (Surr)	104		70 - 130	06/14/22 15:38	06/16/22 06:20	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			06/16/22 10:02	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			06/14/22 09:24	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: W-8

Date Collected: 06/09/22 09:39

Date Received: 06/10/22 08:43

Sample Depth: 0' - 4.5'

Lab Sample ID: 890-2404-8

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		06/13/22 09:28	06/13/22 21:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U *	50.0	mg/Kg		06/13/22 09:28	06/13/22 21:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:28	06/13/22 21:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130			06/13/22 09:28	06/13/22 21:02	1
o-Terphenyl (Surr)	107		70 - 130			06/13/22 09:28	06/13/22 21:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	69.0		4.95	mg/Kg			06/17/22 10:41	1

Client Sample ID: W-9

Date Collected: 06/09/22 09:42

Date Received: 06/10/22 08:43

Sample Depth: 0' - 4.5'

Lab Sample ID: 890-2404-9

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		06/14/22 15:38	06/16/22 06:41	1
Toluene	<0.00198	U	0.00198	mg/Kg		06/14/22 15:38	06/16/22 06:41	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		06/14/22 15:38	06/16/22 06:41	1
m,p-Xylenes	<0.00396	U	0.00396	mg/Kg		06/14/22 15:38	06/16/22 06:41	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		06/14/22 15:38	06/16/22 06:41	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		06/14/22 15:38	06/16/22 06:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130			06/14/22 15:38	06/16/22 06:41	1
1,4-Difluorobenzene (Surr)	82		70 - 130			06/14/22 15:38	06/16/22 06:41	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:28	06/13/22 21:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U *	50.0	mg/Kg		06/13/22 09:28	06/13/22 21:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:28	06/13/22 21:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130			06/13/22 09:28	06/13/22 21:24	1
o-Terphenyl (Surr)	105		70 - 130			06/13/22 09:28	06/13/22 21:24	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: W-9

Date Collected: 06/09/22 09:42

Date Received: 06/10/22 08:43

Sample Depth: 0' - 4.5'

Lab Sample ID: 890-2404-9

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.1		5.03	mg/Kg			06/17/22 08:47	1

Client Sample ID: W-10

Date Collected: 06/09/22 09:45

Date Received: 06/10/22 08:43

Sample Depth: 0' - 4.5'

Lab Sample ID: 890-2404-10

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		06/14/22 15:38	06/16/22 07:01	1
Toluene	<0.00199	U	0.00199	mg/Kg		06/14/22 15:38	06/16/22 07:01	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		06/14/22 15:38	06/16/22 07:01	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		06/14/22 15:38	06/16/22 07:01	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		06/14/22 15:38	06/16/22 07:01	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		06/14/22 15:38	06/16/22 07:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130			06/14/22 15:38	06/16/22 07:01	1
1,4-Difluorobenzene (Surr)	100		70 - 130			06/14/22 15:38	06/16/22 07:01	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:31	06/13/22 15:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/13/22 09:31	06/13/22 15:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/13/22 09:31	06/13/22 15:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	80		70 - 130			06/13/22 09:31	06/13/22 15:07	1
o-Terphenyl (Surr)	89		70 - 130			06/13/22 09:31	06/13/22 15:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	60.3		5.01	mg/Kg			06/17/22 08:55	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: W-11

Lab Sample ID: 890-2404-11

Date Collected: 06/09/22 09:47

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 0' - 4.5'

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 15:51	06/16/22 02:01	1
Toluene	<0.00200	U	0.00200	mg/Kg	-	06/14/22 15:51	06/16/22 02:01	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg	-	06/14/22 15:51	06/16/22 02:01	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg	-	06/14/22 15:51	06/16/22 02:01	1
o-Xylene	<0.00200	U	0.00200	mg/Kg	-	06/14/22 15:51	06/16/22 02:01	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg	-	06/14/22 15:51	06/16/22 02:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	06/14/22 15:51	06/16/22 02:01	1
1,4-Difluorobenzene (Surr)	90		70 - 130	06/14/22 15:51	06/16/22 02:01	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	-		06/16/22 10:02	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	-		06/14/22 09:24	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	-	06/13/22 09:31	06/13/22 15:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg	-	06/13/22 09:31	06/13/22 15:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg	-	06/13/22 09:31	06/13/22 15:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	80		70 - 130	06/13/22 09:31	06/13/22 15:29	1
o-Terphenyl (Surr)	87		70 - 130	06/13/22 09:31	06/13/22 15:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	62.6		4.97	mg/Kg	-		06/17/22 09:03	1

Client Sample ID: W-12

Lab Sample ID: 890-2404-12

Date Collected: 06/09/22 09:51

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 0' - 4.5'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg	-	06/14/22 15:51	06/16/22 02:21	1
Toluene	<0.00198	U	0.00198	mg/Kg	-	06/14/22 15:51	06/16/22 02:21	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg	-	06/14/22 15:51	06/16/22 02:21	1
m,p-Xylenes	<0.00397	U	0.00397	mg/Kg	-	06/14/22 15:51	06/16/22 02:21	1
o-Xylene	<0.00198	U	0.00198	mg/Kg	-	06/14/22 15:51	06/16/22 02:21	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg	-	06/14/22 15:51	06/16/22 02:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	06/14/22 15:51	06/16/22 02:21	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: W-12

Date Collected: 06/09/22 09:51

Date Received: 06/10/22 08:43

Sample Depth: 0' - 4.5'

Lab Sample ID: 890-2404-12

Matrix: Solid

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	89		70 - 130	06/14/22 15:51	06/16/22 02:21	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:31	06/13/22 15:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/13/22 09:31	06/13/22 15:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:31	06/13/22 15:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	80		70 - 130			06/13/22 09:31	06/13/22 15:51	1
o-Terphenyl (Surr)	88		70 - 130			06/13/22 09:31	06/13/22 15:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.3		4.99	mg/Kg			06/17/22 10:49	1

Client Sample ID: W-13

Date Collected: 06/09/22 09:55

Date Received: 06/10/22 08:43

Sample Depth: 0' - 3.5'

Lab Sample ID: 890-2404-13

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		06/14/22 15:51	06/16/22 02:41	1
Toluene	<0.00198	U	0.00198	mg/Kg		06/14/22 15:51	06/16/22 02:41	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		06/14/22 15:51	06/16/22 02:41	1
m,p-Xylenes	<0.00396	U	0.00396	mg/Kg		06/14/22 15:51	06/16/22 02:41	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		06/14/22 15:51	06/16/22 02:41	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		06/14/22 15:51	06/16/22 02:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	06/14/22 15:51	06/16/22 02:41	1
1,4-Difluorobenzene (Surr)	87		70 - 130	06/14/22 15:51	06/16/22 02:41	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			06/16/22 10:02	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			06/14/22 09:24	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: W-13

Date Collected: 06/09/22 09:55

Date Received: 06/10/22 08:43

Sample Depth: 0' - 3.5'

Lab Sample ID: 890-2404-13

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		06/13/22 09:31	06/13/22 16:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/13/22 09:31	06/13/22 16:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:31	06/13/22 16:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	80		70 - 130			06/13/22 09:31	06/13/22 16:14	1
o-Terphenyl (Surr)	84		70 - 130			06/13/22 09:31	06/13/22 16:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	194		5.04	mg/Kg			06/17/22 09:18	1

Client Sample ID: W-14

Date Collected: 06/09/22 09:58

Date Received: 06/10/22 08:43

Sample Depth: 0' - 3.5'

Lab Sample ID: 890-2404-14

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 15:51	06/16/22 03:02	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/14/22 15:51	06/16/22 03:02	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/14/22 15:51	06/16/22 03:02	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		06/14/22 15:51	06/16/22 03:02	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/14/22 15:51	06/16/22 03:02	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		06/14/22 15:51	06/16/22 03:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130			06/14/22 15:51	06/16/22 03:02	1
1,4-Difluorobenzene (Surr)	90		70 - 130			06/14/22 15:51	06/16/22 03:02	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:31	06/13/22 16:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/13/22 09:31	06/13/22 16:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:31	06/13/22 16:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	77		70 - 130			06/13/22 09:31	06/13/22 16:35	1
o-Terphenyl (Surr)	79		70 - 130			06/13/22 09:31	06/13/22 16:35	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: W-14

Date Collected: 06/09/22 09:58

Date Received: 06/10/22 08:43

Sample Depth: 0' - 3.5'

Lab Sample ID: 890-2404-14

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	57.8		5.04	mg/Kg			06/18/22 12:38	1

Client Sample ID: W-15

Date Collected: 06/09/22 10:00

Date Received: 06/10/22 08:43

Sample Depth: 0' - 3.5'

Lab Sample ID: 890-2404-15

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		06/14/22 15:51	06/16/22 03:22	1
Toluene	<0.00202	U	0.00202	mg/Kg		06/14/22 15:51	06/16/22 03:22	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		06/14/22 15:51	06/16/22 03:22	1
m,p-Xylenes	<0.00404	U	0.00404	mg/Kg		06/14/22 15:51	06/16/22 03:22	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		06/14/22 15:51	06/16/22 03:22	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		06/14/22 15:51	06/16/22 03:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130			06/14/22 15:51	06/16/22 03:22	1
1,4-Difluorobenzene (Surr)	90		70 - 130			06/14/22 15:51	06/16/22 03:22	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:31	06/13/22 18:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/13/22 09:31	06/13/22 18:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/13/22 09:31	06/13/22 18:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	77		70 - 130			06/13/22 09:31	06/13/22 18:09	1
o-Terphenyl (Surr)	81		70 - 130			06/13/22 09:31	06/13/22 18:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		4.98	mg/Kg			06/18/22 13:06	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: INTW-1

Lab Sample ID: 890-2404-16

Date Collected: 06/09/22 10:02

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 4' - 7'

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 15:51	06/16/22 03:43	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/14/22 15:51	06/16/22 03:43	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/14/22 15:51	06/16/22 03:43	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		06/14/22 15:51	06/16/22 03:43	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/14/22 15:51	06/16/22 03:43	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/14/22 15:51	06/16/22 03:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	06/14/22 15:51	06/16/22 03:43	1
1,4-Difluorobenzene (Surr)	89		70 - 130	06/14/22 15:51	06/16/22 03:43	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:31	06/13/22 18:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/13/22 09:31	06/13/22 18:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:31	06/13/22 18:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	79		70 - 130	06/13/22 09:31	06/13/22 18:30	1
o-Terphenyl (Surr)	84		70 - 130	06/13/22 09:31	06/13/22 18:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	53.2		4.97	mg/Kg			06/18/22 13:15	1

Client Sample ID: B-1

Lab Sample ID: 890-2404-17

Date Collected: 06/09/22 11:02

Matrix: Solid

Date Received: 06/10/22 08:43

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		06/14/22 15:51	06/16/22 04:03	1
Toluene	<0.00199	U	0.00199	mg/Kg		06/14/22 15:51	06/16/22 04:03	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		06/14/22 15:51	06/16/22 04:03	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		06/14/22 15:51	06/16/22 04:03	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		06/14/22 15:51	06/16/22 04:03	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		06/14/22 15:51	06/16/22 04:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	06/14/22 15:51	06/16/22 04:03	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-1

Lab Sample ID: 890-2404-17

Date Collected: 06/09/22 11:02

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 6' - 7'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	91		70 - 130	06/14/22 15:51	06/16/22 04:03	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:31	06/13/22 18:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/13/22 09:31	06/13/22 18:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/13/22 09:31	06/13/22 18:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	78		70 - 130			06/13/22 09:31	06/13/22 18:53	1
o-Terphenyl (Surr)	88		70 - 130			06/13/22 09:31	06/13/22 18:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	118		4.95	mg/Kg			06/18/22 13:24	1

Client Sample ID: B-2

Lab Sample ID: 890-2404-18

Date Collected: 06/09/22 11:06

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 6' - 7'

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 15:51	06/16/22 04:23	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/14/22 15:51	06/16/22 04:23	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/14/22 15:51	06/16/22 04:23	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		06/14/22 15:51	06/16/22 04:23	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/14/22 15:51	06/16/22 04:23	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		06/14/22 15:51	06/16/22 04:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	06/14/22 15:51	06/16/22 04:23	1
1,4-Difluorobenzene (Surr)	85		70 - 130	06/14/22 15:51	06/16/22 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			06/16/22 10:02	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			06/14/22 09:24	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-2

Lab Sample ID: 890-2404-18

Date Collected: 06/09/22 11:06

Matrix: Solid

Date Received: 06/10/22 08:43

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		06/13/22 09:31	06/13/22 19:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/13/22 09:31	06/13/22 19:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:31	06/13/22 19:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	79		70 - 130			06/13/22 09:31	06/13/22 19:15	1
o-Terphenyl (Surr)	86		70 - 130			06/13/22 09:31	06/13/22 19:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	162		4.95	mg/Kg			06/18/22 13:33	1

Client Sample ID: B-3

Lab Sample ID: 890-2404-19

Date Collected: 06/09/22 11:08

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 6' - 7'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		06/14/22 15:51	06/16/22 04:44	1
Toluene	<0.00198	U	0.00198	mg/Kg		06/14/22 15:51	06/16/22 04:44	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		06/14/22 15:51	06/16/22 04:44	1
m,p-Xylenes	<0.00396	U	0.00396	mg/Kg		06/14/22 15:51	06/16/22 04:44	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		06/14/22 15:51	06/16/22 04:44	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		06/14/22 15:51	06/16/22 04:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130			06/14/22 15:51	06/16/22 04:44	1
1,4-Difluorobenzene (Surr)	90		70 - 130			06/14/22 15:51	06/16/22 04:44	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:31	06/13/22 19:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/13/22 09:31	06/13/22 19:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/13/22 09:31	06/13/22 19:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	79		70 - 130			06/13/22 09:31	06/13/22 19:37	1
o-Terphenyl (Surr)	88		70 - 130			06/13/22 09:31	06/13/22 19:37	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-3

Date Collected: 06/09/22 11:08

Date Received: 06/10/22 08:43

Sample Depth: 6' - 7'

Lab Sample ID: 890-2404-19

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	100		5.01	mg/Kg			06/18/22 14:01	1

Client Sample ID: B-4

Date Collected: 06/09/22 11:12

Date Received: 06/10/22 08:43

Sample Depth: 6'

Lab Sample ID: 890-2404-20

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		06/14/22 15:51	06/16/22 05:04	1
Toluene	<0.00198	U	0.00198	mg/Kg		06/14/22 15:51	06/16/22 05:04	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		06/14/22 15:51	06/16/22 05:04	1
m,p-Xylenes	<0.00397	U	0.00397	mg/Kg		06/14/22 15:51	06/16/22 05:04	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		06/14/22 15:51	06/16/22 05:04	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		06/14/22 15:51	06/16/22 05:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130			06/14/22 15:51	06/16/22 05:04	1
1,4-Difluorobenzene (Surr)	86		70 - 130			06/14/22 15:51	06/16/22 05:04	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:31	06/13/22 19:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/13/22 09:31	06/13/22 19:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:31	06/13/22 19:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	80		70 - 130			06/13/22 09:31	06/13/22 19:58	1
o-Terphenyl (Surr)	87		70 - 130			06/13/22 09:31	06/13/22 19:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.20		4.99	mg/Kg			06/18/22 14:10	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-5

Lab Sample ID: 890-2404-21

Date Collected: 06/09/22 11:16

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 6' - 7'

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 15:51	06/16/22 08:49	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/14/22 15:51	06/16/22 08:49	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/14/22 15:51	06/16/22 08:49	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		06/14/22 15:51	06/16/22 08:49	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/14/22 15:51	06/16/22 08:49	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/14/22 15:51	06/16/22 08:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	06/14/22 15:51	06/16/22 08:49	1
1,4-Difluorobenzene (Surr)	98		70 - 130	06/14/22 15:51	06/16/22 08:49	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:31	06/13/22 20:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/13/22 09:31	06/13/22 20:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/13/22 09:31	06/13/22 20:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	79		70 - 130	06/13/22 09:31	06/13/22 20:20	1
o-Terphenyl (Surr)	86		70 - 130	06/13/22 09:31	06/13/22 20:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	129		25.1	mg/Kg			06/18/22 14:19	5

Client Sample ID: B-6

Lab Sample ID: 890-2404-22

Date Collected: 06/09/22 11:18

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 7' - 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		06/16/22 08:23	06/16/22 14:04	1
Toluene	<0.00199	U	0.00199	mg/Kg		06/16/22 08:23	06/16/22 14:04	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		06/16/22 08:23	06/16/22 14:04	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		06/16/22 08:23	06/16/22 14:04	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		06/16/22 08:23	06/16/22 14:04	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		06/16/22 08:23	06/16/22 14:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	06/16/22 08:23	06/16/22 14:04	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-6

Date Collected: 06/09/22 11:18

Date Received: 06/10/22 08:43

Sample Depth: 7' - 7'

Lab Sample ID: 890-2404-22

Matrix: Solid

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	109		70 - 130	06/16/22 08:23	06/16/22 14:04	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:31	06/13/22 20:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/13/22 09:31	06/13/22 20:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:31	06/13/22 20:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	79		70 - 130			06/13/22 09:31	06/13/22 20:41	1
o-Terphenyl (Surr)	85		70 - 130			06/13/22 09:31	06/13/22 20:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	104		5.00	mg/Kg			06/20/22 14:53	1

Client Sample ID: B-7

Date Collected: 06/09/22 11:22

Date Received: 06/10/22 08:43

Sample Depth: 7' - 7'

Lab Sample ID: 890-2404-23

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		06/16/22 08:23	06/16/22 14:25	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/16/22 08:23	06/16/22 14:25	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/16/22 08:23	06/16/22 14:25	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		06/16/22 08:23	06/16/22 14:25	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/16/22 08:23	06/16/22 14:25	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		06/16/22 08:23	06/16/22 14:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	06/16/22 08:23	06/16/22 14:25	1
1,4-Difluorobenzene (Surr)	99		70 - 130	06/16/22 08:23	06/16/22 14:25	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			06/16/22 10:02	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			06/14/22 09:24	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-7

Lab Sample ID: 890-2404-23

Date Collected: 06/09/22 11:22

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 7' - 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	<49.9	U	49.9	mg/Kg		06/13/22 09:31	06/13/22 21:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/13/22 09:31	06/13/22 21:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/13/22 09:31	06/13/22 21:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	79		70 - 130			06/13/22 09:31	06/13/22 21:02	1
o-Terphenyl (Surr)	83		70 - 130			06/13/22 09:31	06/13/22 21:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	142		25.3	mg/Kg			06/18/22 14:38	5

Client Sample ID: B-8

Lab Sample ID: 890-2404-24

Date Collected: 06/09/22 11:24

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 4' - 5'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		06/16/22 08:23	06/16/22 14:46	1
Toluene	<0.00199	U	0.00199	mg/Kg		06/16/22 08:23	06/16/22 14:46	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		06/16/22 08:23	06/16/22 14:46	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		06/16/22 08:23	06/16/22 14:46	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		06/16/22 08:23	06/16/22 14:46	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		06/16/22 08:23	06/16/22 14:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130			06/16/22 08:23	06/16/22 14:46	1
1,4-Difluorobenzene (Surr)	99		70 - 130			06/16/22 08:23	06/16/22 14:46	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			06/16/22 10:02	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	182		50.0	mg/Kg			06/14/22 09:24	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		06/13/22 09:31	06/13/22 21:24	1
Diesel Range Organics (Over C10-C28)	182		50.0	mg/Kg		06/13/22 09:31	06/13/22 21:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:31	06/13/22 21:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	79		70 - 130			06/13/22 09:31	06/13/22 21:24	1
o-Terphenyl (Surr)	83		70 - 130			06/13/22 09:31	06/13/22 21:24	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-8

Date Collected: 06/09/22 11:24

Date Received: 06/10/22 08:43

Sample Depth: 4' - 5'

Lab Sample ID: 890-2404-24

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	666		4.98	mg/Kg			06/18/22 14:47	1

Client Sample ID: B-9

Date Collected: 06/09/22 11:27

Date Received: 06/10/22 08:43

Sample Depth: 4' - 5'

Lab Sample ID: 890-2404-25

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		06/16/22 08:23	06/16/22 15:07	1
Toluene	<0.00199	U	0.00199	mg/Kg		06/16/22 08:23	06/16/22 15:07	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		06/16/22 08:23	06/16/22 15:07	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		06/16/22 08:23	06/16/22 15:07	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		06/16/22 08:23	06/16/22 15:07	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		06/16/22 08:23	06/16/22 15:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130			06/16/22 08:23	06/16/22 15:07	1
1,4-Difluorobenzene (Surr)	110		70 - 130			06/16/22 08:23	06/16/22 15:07	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:34	06/13/22 14:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/13/22 09:34	06/13/22 14:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:34	06/13/22 14:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	130		70 - 130			06/13/22 09:34	06/13/22 14:18	1
o-Terphenyl (Surr)	124		70 - 130			06/13/22 09:34	06/13/22 14:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.3		4.95	mg/Kg			06/18/22 15:15	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-10

Lab Sample ID: 890-2404-26

Date Collected: 06/09/22 11:28

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 4'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/16/22 08:23	06/16/22 15:27	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/16/22 08:23	06/16/22 15:27	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/16/22 08:23	06/16/22 15:27	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		06/16/22 08:23	06/16/22 15:27	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/16/22 08:23	06/16/22 15:27	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		06/16/22 08:23	06/16/22 15:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	06/16/22 08:23	06/16/22 15:27	1
1,4-Difluorobenzene (Surr)	108		70 - 130	06/16/22 08:23	06/16/22 15:27	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:34	06/13/22 14:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/13/22 09:34	06/13/22 14:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/13/22 09:34	06/13/22 14:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	133	S1+	70 - 130	06/13/22 09:34	06/13/22 14:39	1
o-Terphenyl (Surr)	128		70 - 130	06/13/22 09:34	06/13/22 14:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	48.8		5.05	mg/Kg			06/20/22 15:02	1

Client Sample ID: B-11

Lab Sample ID: 890-2404-27

Date Collected: 06/09/22 11:32

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 4' - 4.5'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/16/22 08:23	06/16/22 15:48	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/16/22 08:23	06/16/22 15:48	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/16/22 08:23	06/16/22 15:48	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		06/16/22 08:23	06/16/22 15:48	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/16/22 08:23	06/16/22 15:48	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/16/22 08:23	06/16/22 15:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	06/16/22 08:23	06/16/22 15:48	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-11

Lab Sample ID: 890-2404-27

Date Collected: 06/09/22 11:32

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 4' - 4.5'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	98		70 - 130	06/16/22 08:23	06/16/22 15:48	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:34	06/13/22 15:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/13/22 09:34	06/13/22 15:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:34	06/13/22 15:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	138	S1+	70 - 130			06/13/22 09:34	06/13/22 15:00	1
o-Terphenyl (Surr)	132	S1+	70 - 130			06/13/22 09:34	06/13/22 15:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.4		5.01	mg/Kg			06/18/22 15:51	1

Client Sample ID: B-12

Lab Sample ID: 890-2404-28

Date Collected: 06/09/22 11:35

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 4' - 4.5'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/16/22 14:55	06/17/22 11:37	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/16/22 14:55	06/17/22 11:37	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/16/22 14:55	06/17/22 11:37	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		06/16/22 14:55	06/17/22 11:37	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/16/22 14:55	06/17/22 11:37	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		06/16/22 14:55	06/17/22 11:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	06/16/22 14:55	06/17/22 11:37	1
1,4-Difluorobenzene (Surr)	87		70 - 130	06/16/22 14:55	06/17/22 11:37	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			06/16/22 10:02	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	93.7		50.0	mg/Kg			06/14/22 09:24	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-12

Date Collected: 06/09/22 11:35

Date Received: 06/10/22 08:43

Sample Depth: 4' - 4.5'

Lab Sample ID: 890-2404-28

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	50.0	mg/Kg		06/13/22 09:34	06/13/22 15:22	1
Diesel Range Organics (Over C10-C28)	93.7		50.0	mg/Kg		06/13/22 09:34	06/13/22 15:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:34	06/13/22 15:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	130		70 - 130			06/13/22 09:34	06/13/22 15:22	1
o-Terphenyl (Surr)	121		70 - 130			06/13/22 09:34	06/13/22 15:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	270		5.01	mg/Kg			06/18/22 16:01	1

Client Sample ID: B-13

Date Collected: 06/09/22 11:40

Date Received: 06/10/22 08:43

Sample Depth: 4'

Lab Sample ID: 890-2404-29

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		06/16/22 14:55	06/17/22 11:17	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/16/22 14:55	06/17/22 11:17	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/16/22 14:55	06/17/22 11:17	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		06/16/22 14:55	06/17/22 11:17	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/16/22 14:55	06/17/22 11:17	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		06/16/22 14:55	06/17/22 11:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130			06/16/22 14:55	06/17/22 11:17	1
1,4-Difluorobenzene (Surr)	93		70 - 130			06/16/22 14:55	06/17/22 11:17	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:34	06/13/22 15:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/13/22 09:34	06/13/22 15:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:34	06/13/22 15:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	127		70 - 130			06/13/22 09:34	06/13/22 15:43	1
o-Terphenyl (Surr)	122		70 - 130			06/13/22 09:34	06/13/22 15:43	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-13

Date Collected: 06/09/22 11:40

Date Received: 06/10/22 08:43

Sample Depth: 4'

Lab Sample ID: 890-2404-29

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.0		5.03	mg/Kg			06/18/22 16:10	1

Client Sample ID: B-14

Date Collected: 06/09/22 11:44

Date Received: 06/10/22 08:43

Sample Depth: 4' - 4.5'

Lab Sample ID: 890-2404-30

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		06/16/22 08:23	06/16/22 17:54	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/16/22 08:23	06/16/22 17:54	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/16/22 08:23	06/16/22 17:54	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		06/16/22 08:23	06/16/22 17:54	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/16/22 08:23	06/16/22 17:54	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		06/16/22 08:23	06/16/22 17:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130			06/16/22 08:23	06/16/22 17:54	1
1,4-Difluorobenzene (Surr)	98		70 - 130			06/16/22 08:23	06/16/22 17:54	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:34	06/13/22 16:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/13/22 09:34	06/13/22 16:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/13/22 09:34	06/13/22 16:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	133	S1+	70 - 130			06/13/22 09:34	06/13/22 16:05	1
o-Terphenyl (Surr)	127		70 - 130			06/13/22 09:34	06/13/22 16:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49.6		4.99	mg/Kg			06/20/22 15:12	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-15

Lab Sample ID: 890-2404-31

Date Collected: 06/09/22 11:47

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 4' - 4.5'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		06/14/22 16:00	06/16/22 23:21	1
Toluene	<0.00198	U	0.00198	mg/Kg		06/14/22 16:00	06/16/22 23:21	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		06/14/22 16:00	06/16/22 23:21	1
m,p-Xylenes	<0.00397	U	0.00397	mg/Kg		06/14/22 16:00	06/16/22 23:21	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		06/14/22 16:00	06/16/22 23:21	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		06/14/22 16:00	06/16/22 23:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	06/14/22 16:00	06/16/22 23:21	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/14/22 16:00	06/16/22 23:21	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:34	06/13/22 16:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/13/22 09:34	06/13/22 16:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:34	06/13/22 16:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	129		70 - 130	06/13/22 09:34	06/13/22 16:48	1
o-Terphenyl (Surr)	124		70 - 130	06/13/22 09:34	06/13/22 16:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.2		5.00	mg/Kg			06/18/22 16:29	1

Client Sample ID: B-16

Lab Sample ID: 890-2404-32

Date Collected: 06/09/22 11:50

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 4' - 4.5'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		06/14/22 16:00	06/16/22 23:41	1
Toluene	<0.00199	U	0.00199	mg/Kg		06/14/22 16:00	06/16/22 23:41	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		06/14/22 16:00	06/16/22 23:41	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		06/14/22 16:00	06/16/22 23:41	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		06/14/22 16:00	06/16/22 23:41	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		06/14/22 16:00	06/16/22 23:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	06/14/22 16:00	06/16/22 23:41	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-16

Lab Sample ID: 890-2404-32

Date Collected: 06/09/22 11:50

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 4' - 4.5'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	94		70 - 130	06/14/22 16:00	06/16/22 23:41	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:34	06/13/22 17:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/13/22 09:34	06/13/22 17:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:34	06/13/22 17:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	129		70 - 130			06/13/22 09:34	06/13/22 17:09	1
o-Terphenyl (Surr)	124		70 - 130			06/13/22 09:34	06/13/22 17:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.8		4.97	mg/Kg			06/18/22 16:38	1

Client Sample ID: B-17

Lab Sample ID: 890-2404-33

Date Collected: 06/09/22 13:10

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 4'

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 16:00	06/17/22 00:02	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/14/22 16:00	06/17/22 00:02	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/14/22 16:00	06/17/22 00:02	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		06/14/22 16:00	06/17/22 00:02	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/14/22 16:00	06/17/22 00:02	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		06/14/22 16:00	06/17/22 00:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	06/14/22 16:00	06/17/22 00:02	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/14/22 16:00	06/17/22 00:02	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			06/16/22 10:02	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			06/14/22 09:24	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-17

Date Collected: 06/09/22 13:10

Date Received: 06/10/22 08:43

Sample Depth: 4'

Lab Sample ID: 890-2404-33

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		06/13/22 09:34	06/13/22 17:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/13/22 09:34	06/13/22 17:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/13/22 09:34	06/13/22 17:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	128		70 - 130			06/13/22 09:34	06/13/22 17:31	1
o-Terphenyl (Surr)	121		70 - 130			06/13/22 09:34	06/13/22 17:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.7		5.03	mg/Kg			06/18/22 16:47	1

Client Sample ID: B-18

Date Collected: 06/09/22 13:13

Date Received: 06/10/22 08:43

Sample Depth: 4'

Lab Sample ID: 890-2404-34

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 16:00	06/17/22 00:22	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/14/22 16:00	06/17/22 00:22	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/14/22 16:00	06/17/22 00:22	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		06/14/22 16:00	06/17/22 00:22	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/14/22 16:00	06/17/22 00:22	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/14/22 16:00	06/17/22 00:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130			06/14/22 16:00	06/17/22 00:22	1
1,4-Difluorobenzene (Surr)	91		70 - 130			06/14/22 16:00	06/17/22 00:22	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:34	06/13/22 17:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/13/22 09:34	06/13/22 17:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:34	06/13/22 17:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	143	S1+	70 - 130			06/13/22 09:34	06/13/22 17:52	1
o-Terphenyl (Surr)	134	S1+	70 - 130			06/13/22 09:34	06/13/22 17:52	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-18

Date Collected: 06/09/22 13:13

Date Received: 06/10/22 08:43

Sample Depth: 4'

Lab Sample ID: 890-2404-34

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.5	F1	5.00	mg/Kg			06/18/22 03:00	1

Client Sample ID: B-19

Date Collected: 06/09/22 13:16

Date Received: 06/10/22 08:43

Sample Depth: 4' - 5'

Lab Sample ID: 890-2404-35

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		06/14/22 16:00	06/17/22 00:43	1
Toluene	<0.00198	U	0.00198	mg/Kg		06/14/22 16:00	06/17/22 00:43	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		06/14/22 16:00	06/17/22 00:43	1
m,p-Xylenes	<0.00396	U	0.00396	mg/Kg		06/14/22 16:00	06/17/22 00:43	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		06/14/22 16:00	06/17/22 00:43	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		06/14/22 16:00	06/17/22 00:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130			06/14/22 16:00	06/17/22 00:43	1
1,4-Difluorobenzene (Surr)	88		70 - 130			06/14/22 16:00	06/17/22 00:43	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:34	06/13/22 18:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/13/22 09:34	06/13/22 18:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:34	06/13/22 18:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	127		70 - 130			06/13/22 09:34	06/13/22 18:14	1
o-Terphenyl (Surr)	121		70 - 130			06/13/22 09:34	06/13/22 18:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.1		4.98	mg/Kg			06/18/22 03:23	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-20

Lab Sample ID: 890-2404-36

Date Collected: 06/09/22 13:19

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 4'

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 16:00	06/17/22 01:03	1
Toluene	<0.00200	U	0.00200	mg/Kg	-	06/14/22 16:00	06/17/22 01:03	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg	-	06/14/22 16:00	06/17/22 01:03	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg	-	06/14/22 16:00	06/17/22 01:03	1
o-Xylene	<0.00200	U	0.00200	mg/Kg	-	06/14/22 16:00	06/17/22 01:03	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg	-	06/14/22 16:00	06/17/22 01:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	06/14/22 16:00	06/17/22 01:03	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/14/22 16:00	06/17/22 01:03	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	-		06/16/22 10:02	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	-		06/14/22 09:24	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	-	06/13/22 09:34	06/13/22 18:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg	-	06/13/22 09:34	06/13/22 18:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg	-	06/13/22 09:34	06/13/22 18:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	127		70 - 130	06/13/22 09:34	06/13/22 18:35	1
o-Terphenyl (Surr)	122		70 - 130	06/13/22 09:34	06/13/22 18:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.5		4.99	mg/Kg	-		06/18/22 03:31	1

Client Sample ID: B-22

Lab Sample ID: 890-2404-37

Date Collected: 06/09/22 13:35

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 4'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg	-	06/14/22 16:00	06/17/22 01:24	1
Toluene	<0.00202	U	0.00202	mg/Kg	-	06/14/22 16:00	06/17/22 01:24	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg	-	06/14/22 16:00	06/17/22 01:24	1
m,p-Xylenes	<0.00404	U	0.00404	mg/Kg	-	06/14/22 16:00	06/17/22 01:24	1
o-Xylene	<0.00202	U	0.00202	mg/Kg	-	06/14/22 16:00	06/17/22 01:24	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg	-	06/14/22 16:00	06/17/22 01:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	06/14/22 16:00	06/17/22 01:24	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-22

Lab Sample ID: 890-2404-37

Date Collected: 06/09/22 13:35

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 4'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	82		70 - 130	06/14/22 16:00	06/17/22 01:24	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:34	06/13/22 18:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/13/22 09:34	06/13/22 18:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/13/22 09:34	06/13/22 18:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	120		70 - 130			06/13/22 09:34	06/13/22 18:57	1
o-Terphenyl (Surr)	113		70 - 130			06/13/22 09:34	06/13/22 18:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	60.9		5.04	mg/Kg			06/18/22 03:39	1

Client Sample ID: B-23

Lab Sample ID: 890-2404-38

Date Collected: 06/09/22 13:38

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 4' - 5'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		06/14/22 16:00	06/17/22 01:44	1
Toluene	<0.00198	U	0.00198	mg/Kg		06/14/22 16:00	06/17/22 01:44	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		06/14/22 16:00	06/17/22 01:44	1
m,p-Xylenes	<0.00396	U	0.00396	mg/Kg		06/14/22 16:00	06/17/22 01:44	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		06/14/22 16:00	06/17/22 01:44	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		06/14/22 16:00	06/17/22 01:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	06/14/22 16:00	06/17/22 01:44	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/14/22 16:00	06/17/22 01:44	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			06/16/22 10:02	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			06/14/22 09:24	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-23

Date Collected: 06/09/22 13:38

Date Received: 06/10/22 08:43

Sample Depth: 4' - 5'

Lab Sample ID: 890-2404-38

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		06/13/22 09:34	06/13/22 19:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/13/22 09:34	06/13/22 19:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/13/22 09:34	06/13/22 19:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	126		70 - 130			06/13/22 09:34	06/13/22 19:18	1
o-Terphenyl (Surr)	120		70 - 130			06/13/22 09:34	06/13/22 19:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.1		4.98	mg/Kg			06/18/22 03:47	1

Client Sample ID: B-24

Date Collected: 06/09/22 13:40

Date Received: 06/10/22 08:43

Sample Depth: 4' - 5'

Lab Sample ID: 890-2404-39

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		06/14/22 16:00	06/17/22 02:05	1
Toluene	<0.00199	U	0.00199	mg/Kg		06/14/22 16:00	06/17/22 02:05	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		06/14/22 16:00	06/17/22 02:05	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		06/14/22 16:00	06/17/22 02:05	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		06/14/22 16:00	06/17/22 02:05	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		06/14/22 16:00	06/17/22 02:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130			06/14/22 16:00	06/17/22 02:05	1
1,4-Difluorobenzene (Surr)	94		70 - 130			06/14/22 16:00	06/17/22 02:05	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			06/16/22 10:02	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	71.8		50.0	mg/Kg			06/14/22 09:24	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		06/13/22 09:34	06/13/22 19:40	1
Diesel Range Organics (Over C10-C28)	71.8		50.0	mg/Kg		06/13/22 09:34	06/13/22 19:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:34	06/13/22 19:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	122		70 - 130			06/13/22 09:34	06/13/22 19:40	1
o-Terphenyl (Surr)	117		70 - 130			06/13/22 09:34	06/13/22 19:40	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-24

Date Collected: 06/09/22 13:40

Date Received: 06/10/22 08:43

Sample Depth: 4' - 5'

Lab Sample ID: 890-2404-39

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.9		4.95	mg/Kg			06/18/22 04:10	1

Client Sample ID: B-25

Date Collected: 06/09/22 13:43

Date Received: 06/10/22 08:43

Sample Depth: 4'

Lab Sample ID: 890-2404-40

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		06/14/22 16:00	06/17/22 02:25	1
Toluene	<0.00202	U	0.00202	mg/Kg		06/14/22 16:00	06/17/22 02:25	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		06/14/22 16:00	06/17/22 02:25	1
m,p-Xylenes	<0.00403	U	0.00403	mg/Kg		06/14/22 16:00	06/17/22 02:25	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		06/14/22 16:00	06/17/22 02:25	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		06/14/22 16:00	06/17/22 02:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130			06/14/22 16:00	06/17/22 02:25	1
1,4-Difluorobenzene (Surr)	104		70 - 130			06/14/22 16:00	06/17/22 02:25	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:34	06/13/22 20:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/13/22 09:34	06/13/22 20:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:34	06/13/22 20:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	124		70 - 130			06/13/22 09:34	06/13/22 20:01	1
o-Terphenyl (Surr)	119		70 - 130			06/13/22 09:34	06/13/22 20:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.7		4.97	mg/Kg			06/18/22 04:18	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-26

Lab Sample ID: 890-2404-41

Date Collected: 06/09/22 13:45

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 4'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		06/14/22 16:00	06/17/22 03:48	1
Toluene	<0.00198	U	0.00198	mg/Kg		06/14/22 16:00	06/17/22 03:48	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		06/14/22 16:00	06/17/22 03:48	1
m,p-Xylenes	<0.00397	U	0.00397	mg/Kg		06/14/22 16:00	06/17/22 03:48	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		06/14/22 16:00	06/17/22 03:48	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		06/14/22 16:00	06/17/22 03:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	06/14/22 16:00	06/17/22 03:48	1
1,4-Difluorobenzene (Surr)	92		70 - 130	06/14/22 16:00	06/17/22 03:48	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:36	06/13/22 14:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/13/22 09:36	06/13/22 14:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:36	06/13/22 14:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130	06/13/22 09:36	06/13/22 14:18	1
o-Terphenyl (Surr)	92		70 - 130	06/13/22 09:36	06/13/22 14:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	69.5		5.00	mg/Kg			06/18/22 04:26	1

Client Sample ID: B-27

Lab Sample ID: 890-2404-42

Date Collected: 06/09/22 13:47

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 4'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		06/14/22 16:00	06/17/22 04:08	1
Toluene	<0.00201	U	0.00201	mg/Kg		06/14/22 16:00	06/17/22 04:08	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		06/14/22 16:00	06/17/22 04:08	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		06/14/22 16:00	06/17/22 04:08	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		06/14/22 16:00	06/17/22 04:08	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		06/14/22 16:00	06/17/22 04:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	06/14/22 16:00	06/17/22 04:08	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-27

Lab Sample ID: 890-2404-42

Date Collected: 06/09/22 13:47

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 4'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	92		70 - 130	06/14/22 16:00	06/17/22 04:08	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:36	06/13/22 14:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/13/22 09:36	06/13/22 14:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/13/22 09:36	06/13/22 14:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130			06/13/22 09:36	06/13/22 14:39	1
o-Terphenyl (Surr)	114		70 - 130			06/13/22 09:36	06/13/22 14:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	77.8		5.00	mg/Kg			06/18/22 04:34	1

Client Sample ID: B-28

Lab Sample ID: 890-2404-43

Date Collected: 06/09/22 13:50

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 4'

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 16:00	06/17/22 04:29	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/14/22 16:00	06/17/22 04:29	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/14/22 16:00	06/17/22 04:29	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		06/14/22 16:00	06/17/22 04:29	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/14/22 16:00	06/17/22 04:29	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		06/14/22 16:00	06/17/22 04:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	06/14/22 16:00	06/17/22 04:29	1
1,4-Difluorobenzene (Surr)	92		70 - 130	06/14/22 16:00	06/17/22 04:29	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			06/16/22 10:02	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			06/14/22 09:24	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-28

Date Collected: 06/09/22 13:50

Date Received: 06/10/22 08:43

Sample Depth: 4'

Lab Sample ID: 890-2404-43

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		06/13/22 09:36	06/13/22 15:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/13/22 09:36	06/13/22 15:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:36	06/13/22 15:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	122		70 - 130			06/13/22 09:36	06/13/22 15:00	1
o-Terphenyl (Surr)	132	S1+	70 - 130			06/13/22 09:36	06/13/22 15:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	236		4.99	mg/Kg			06/18/22 04:42	1

Client Sample ID: B-29

Date Collected: 06/09/22 13:52

Date Received: 06/10/22 08:43

Sample Depth: 4' - 5'

Lab Sample ID: 890-2404-44

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 16:00	06/17/22 04:49	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/14/22 16:00	06/17/22 04:49	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/14/22 16:00	06/17/22 04:49	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		06/14/22 16:00	06/17/22 04:49	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/14/22 16:00	06/17/22 04:49	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/14/22 16:00	06/17/22 04:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130			06/14/22 16:00	06/17/22 04:49	1
1,4-Difluorobenzene (Surr)	94		70 - 130			06/14/22 16:00	06/17/22 04:49	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:36	06/13/22 15:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/13/22 09:36	06/13/22 15:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:36	06/13/22 15:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130			06/13/22 09:36	06/13/22 15:22	1
o-Terphenyl (Surr)	96		70 - 130			06/13/22 09:36	06/13/22 15:22	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-29

Date Collected: 06/09/22 13:52

Date Received: 06/10/22 08:43

Sample Depth: 4' - 5'

Lab Sample ID: 890-2404-44

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	104	F1	5.05	mg/Kg			06/18/22 04:50	1

Client Sample ID: B-30

Date Collected: 06/09/22 14:50

Date Received: 06/10/22 08:43

Sample Depth: 4'

Lab Sample ID: 890-2404-45

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 16:00	06/17/22 05:10	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/14/22 16:00	06/17/22 05:10	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/14/22 16:00	06/17/22 05:10	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		06/14/22 16:00	06/17/22 05:10	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/14/22 16:00	06/17/22 05:10	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		06/14/22 16:00	06/17/22 05:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130			06/14/22 16:00	06/17/22 05:10	1
1,4-Difluorobenzene (Surr)	91		70 - 130			06/14/22 16:00	06/17/22 05:10	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:36	06/13/22 15:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/13/22 09:36	06/13/22 15:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:36	06/13/22 15:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130			06/13/22 09:36	06/13/22 15:43	1
o-Terphenyl (Surr)	114		70 - 130			06/13/22 09:36	06/13/22 15:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.3		4.99	mg/Kg			06/18/22 05:14	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-31

Lab Sample ID: 890-2404-46

Date Collected: 06/09/22 14:54

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 4'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg	-	06/14/22 16:00	06/17/22 05:30	1
Toluene	<0.00198	U	0.00198	mg/Kg	-	06/14/22 16:00	06/17/22 05:30	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg	-	06/14/22 16:00	06/17/22 05:30	1
m,p-Xylenes	<0.00396	U	0.00396	mg/Kg	-	06/14/22 16:00	06/17/22 05:30	1
o-Xylene	<0.00198	U	0.00198	mg/Kg	-	06/14/22 16:00	06/17/22 05:30	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg	-	06/14/22 16:00	06/17/22 05:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	06/14/22 16:00	06/17/22 05:30	1
1,4-Difluorobenzene (Surr)	92		70 - 130	06/14/22 16:00	06/17/22 05:30	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	-		06/16/22 10:02	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	-		06/14/22 09:24	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	-	06/13/22 09:36	06/13/22 16:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg	-	06/13/22 09:36	06/13/22 16:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg	-	06/13/22 09:36	06/13/22 16:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	93		70 - 130	06/13/22 09:36	06/13/22 16:05	1
o-Terphenyl (Surr)	102		70 - 130	06/13/22 09:36	06/13/22 16:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.3		4.97	mg/Kg	-		06/18/22 05:22	1

Client Sample ID: B-32

Lab Sample ID: 890-2404-47

Date Collected: 06/09/22 14:51

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 4' - 5'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg	-	06/14/22 16:00	06/17/22 05:51	1
Toluene	<0.00199	U	0.00199	mg/Kg	-	06/14/22 16:00	06/17/22 05:51	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg	-	06/14/22 16:00	06/17/22 05:51	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg	-	06/14/22 16:00	06/17/22 05:51	1
o-Xylene	<0.00199	U	0.00199	mg/Kg	-	06/14/22 16:00	06/17/22 05:51	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg	-	06/14/22 16:00	06/17/22 05:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	06/14/22 16:00	06/17/22 05:51	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-32

Lab Sample ID: 890-2404-47

Date Collected: 06/09/22 14:51

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 4' - 5'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	93		70 - 130	06/14/22 16:00	06/17/22 05:51	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:36	06/13/22 16:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/13/22 09:36	06/13/22 16:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:36	06/13/22 16:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130			06/13/22 09:36	06/13/22 16:48	1
o-Terphenyl (Surr)	114		70 - 130			06/13/22 09:36	06/13/22 16:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.9		4.95	mg/Kg			06/18/22 05:45	1

Client Sample ID: B-33

Lab Sample ID: 890-2404-48

Date Collected: 06/09/22 15:02

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 4' - 5'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		06/14/22 16:00	06/17/22 06:11	1
Toluene	<0.00202	U	0.00202	mg/Kg		06/14/22 16:00	06/17/22 06:11	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		06/14/22 16:00	06/17/22 06:11	1
m,p-Xylenes	<0.00404	U	0.00404	mg/Kg		06/14/22 16:00	06/17/22 06:11	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		06/14/22 16:00	06/17/22 06:11	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		06/14/22 16:00	06/17/22 06:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	06/14/22 16:00	06/17/22 06:11	1
1,4-Difluorobenzene (Surr)	92		70 - 130	06/14/22 16:00	06/17/22 06:11	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			06/16/22 10:02	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			06/14/22 09:24	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-33

Date Collected: 06/09/22 15:02

Date Received: 06/10/22 08:43

Sample Depth: 4' - 5'

Lab Sample ID: 890-2404-48

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	<50.0	U	50.0	mg/Kg		06/13/22 09:36	06/13/22 17:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/13/22 09:36	06/13/22 17:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:36	06/13/22 17:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130			06/13/22 09:36	06/13/22 17:09	1
o-Terphenyl (Surr)	107		70 - 130			06/13/22 09:36	06/13/22 17:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	185		5.01	mg/Kg			06/18/22 05:53	1

Client Sample ID: B-35

Date Collected: 06/09/22 15:17

Date Received: 06/10/22 08:43

Sample Depth: 4' - 5'

Lab Sample ID: 890-2404-49

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		06/14/22 16:00	06/17/22 06:32	1
Toluene	<0.00201	U	0.00201	mg/Kg		06/14/22 16:00	06/17/22 06:32	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		06/14/22 16:00	06/17/22 06:32	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		06/14/22 16:00	06/17/22 06:32	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		06/14/22 16:00	06/17/22 06:32	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		06/14/22 16:00	06/17/22 06:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130			06/14/22 16:00	06/17/22 06:32	1
1,4-Difluorobenzene (Surr)	91		70 - 130			06/14/22 16:00	06/17/22 06:32	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:36	06/13/22 17:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/13/22 09:36	06/13/22 17:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/13/22 09:36	06/13/22 17:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130			06/13/22 09:36	06/13/22 17:31	1
o-Terphenyl (Surr)	120		70 - 130			06/13/22 09:36	06/13/22 17:31	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-35

Date Collected: 06/09/22 15:17

Date Received: 06/10/22 08:43

Sample Depth: 4' - 5'

Lab Sample ID: 890-2404-49

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.2		4.98	mg/Kg			06/18/22 06:01	1

Client Sample ID: B-36

Date Collected: 06/09/22 15:21

Date Received: 06/10/22 08:43

Sample Depth: 4' - 5'

Lab Sample ID: 890-2404-50

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		06/14/22 16:00	06/17/22 06:52	1
Toluene	<0.00199	U	0.00199	mg/Kg		06/14/22 16:00	06/17/22 06:52	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		06/14/22 16:00	06/17/22 06:52	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		06/14/22 16:00	06/17/22 06:52	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		06/14/22 16:00	06/17/22 06:52	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		06/14/22 16:00	06/17/22 06:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130			06/14/22 16:00	06/17/22 06:52	1
1,4-Difluorobenzene (Surr)	92		70 - 130			06/14/22 16:00	06/17/22 06:52	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:36	06/13/22 17:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/13/22 09:36	06/13/22 17:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/13/22 09:36	06/13/22 17:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130			06/13/22 09:36	06/13/22 17:52	1
o-Terphenyl (Surr)	113		70 - 130			06/13/22 09:36	06/13/22 17:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	65.6		4.95	mg/Kg			06/18/22 06:09	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-21

Lab Sample ID: 890-2404-51

Date Collected: 06/09/22 13:32

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 4'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg	-	06/14/22 16:09	06/17/22 00:08	1
Toluene	<0.00198	U	0.00198	mg/Kg	-	06/14/22 16:09	06/17/22 00:08	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg	-	06/14/22 16:09	06/17/22 00:08	1
m,p-Xylenes	<0.00396	U *	0.00396	mg/Kg	-	06/14/22 16:09	06/17/22 00:08	1
o-Xylene	<0.00198	U	0.00198	mg/Kg	-	06/14/22 16:09	06/17/22 00:08	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg	-	06/14/22 16:09	06/17/22 00:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	06/14/22 16:09	06/17/22 00:08	1
1,4-Difluorobenzene (Surr)	105		70 - 130	06/14/22 16:09	06/17/22 00:08	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	-		06/16/22 10:02	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	-		06/14/22 09:24	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	-	06/13/22 09:36	06/13/22 18:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg	-	06/13/22 09:36	06/13/22 18:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg	-	06/13/22 09:36	06/13/22 18:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130	06/13/22 09:36	06/13/22 18:14	1
o-Terphenyl (Surr)	101		70 - 130	06/13/22 09:36	06/13/22 18:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.6		5.00	mg/Kg	-		06/18/22 06:17	1

Client Sample ID: B-37

Lab Sample ID: 890-2404-52

Date Collected: 06/09/22 15:24

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 4' - 5'

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 16:09	06/17/22 00:29	1
Toluene	<0.00200	U	0.00200	mg/Kg	-	06/14/22 16:09	06/17/22 00:29	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg	-	06/14/22 16:09	06/17/22 00:29	1
m,p-Xylenes	<0.00399	U *	0.00399	mg/Kg	-	06/14/22 16:09	06/17/22 00:29	1
o-Xylene	<0.00200	U	0.00200	mg/Kg	-	06/14/22 16:09	06/17/22 00:29	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg	-	06/14/22 16:09	06/17/22 00:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	06/14/22 16:09	06/17/22 00:29	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-37

Lab Sample ID: 890-2404-52

Date Collected: 06/09/22 15:24

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 4' - 5'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	105		70 - 130	06/14/22 16:09	06/17/22 00:29	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:36	06/13/22 18:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/13/22 09:36	06/13/22 18:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:36	06/13/22 18:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130			06/13/22 09:36	06/13/22 18:35	1
o-Terphenyl (Surr)	114		70 - 130			06/13/22 09:36	06/13/22 18:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.5		4.96	mg/Kg			06/18/22 06:24	1

Client Sample ID: B-38

Lab Sample ID: 890-2404-53

Date Collected: 06/09/22 15:31

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 4'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		06/14/22 16:09	06/17/22 00:49	1
Toluene	<0.00199	U	0.00199	mg/Kg		06/14/22 16:09	06/17/22 00:49	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		06/14/22 16:09	06/17/22 00:49	1
m,p-Xylenes	<0.00398	U *	0.00398	mg/Kg		06/14/22 16:09	06/17/22 00:49	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		06/14/22 16:09	06/17/22 00:49	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		06/14/22 16:09	06/17/22 00:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	06/14/22 16:09	06/17/22 00:49	1
1,4-Difluorobenzene (Surr)	107		70 - 130	06/14/22 16:09	06/17/22 00:49	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			06/16/22 10:02	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			06/14/22 09:24	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-38

Lab Sample ID: 890-2404-53

Date Collected: 06/09/22 15:31

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 4'

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		06/13/22 09:36	06/13/22 18:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/13/22 09:36	06/13/22 18:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:36	06/13/22 18:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	88		70 - 130			06/13/22 09:36	06/13/22 18:57	1
o-Terphenyl (Surr)	96		70 - 130			06/13/22 09:36	06/13/22 18:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	165		5.04	mg/Kg			06/18/22 06:32	1

Client Sample ID: B-39

Lab Sample ID: 890-2404-54

Date Collected: 06/09/22 15:34

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 4'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		06/14/22 16:09	06/17/22 01:10	1
Toluene	<0.00199	U	0.00199	mg/Kg		06/14/22 16:09	06/17/22 01:10	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		06/14/22 16:09	06/17/22 01:10	1
m,p-Xylenes	<0.00398	U *	0.00398	mg/Kg		06/14/22 16:09	06/17/22 01:10	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		06/14/22 16:09	06/17/22 01:10	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		06/14/22 16:09	06/17/22 01:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130			06/14/22 16:09	06/17/22 01:10	1
1,4-Difluorobenzene (Surr)	97		70 - 130			06/14/22 16:09	06/17/22 01:10	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:36	06/13/22 19:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/13/22 09:36	06/13/22 19:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/13/22 09:36	06/13/22 19:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130			06/13/22 09:36	06/13/22 19:18	1
o-Terphenyl (Surr)	115		70 - 130			06/13/22 09:36	06/13/22 19:18	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-39

Date Collected: 06/09/22 15:34

Date Received: 06/10/22 08:43

Sample Depth: 4'

Lab Sample ID: 890-2404-54

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80.2		4.95	mg/Kg			06/18/22 19:23	1

Client Sample ID: B-40

Date Collected: 06/09/22 15:35

Date Received: 06/10/22 08:43

Sample Depth: 4' - 5'

Lab Sample ID: 890-2404-55

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		06/14/22 16:09	06/17/22 01:31	1
Toluene	<0.00198	U	0.00198	mg/Kg		06/14/22 16:09	06/17/22 01:31	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		06/14/22 16:09	06/17/22 01:31	1
m,p-Xylenes	<0.00396	U *	0.00396	mg/Kg		06/14/22 16:09	06/17/22 01:31	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		06/14/22 16:09	06/17/22 01:31	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		06/14/22 16:09	06/17/22 01:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130			06/14/22 16:09	06/17/22 01:31	1
1,4-Difluorobenzene (Surr)	103		70 - 130			06/14/22 16:09	06/17/22 01:31	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:36	06/13/22 19:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/13/22 09:36	06/13/22 19:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/13/22 09:36	06/13/22 19:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130			06/13/22 09:36	06/13/22 19:40	1
o-Terphenyl (Surr)	115		70 - 130			06/13/22 09:36	06/13/22 19:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.0		4.98	mg/Kg			06/18/22 19:46	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-41

Lab Sample ID: 890-2404-56

Date Collected: 06/09/22 15:37

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 4' - 5'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		06/14/22 16:09	06/17/22 01:51	1
Toluene	<0.00199	U	0.00199	mg/Kg		06/14/22 16:09	06/17/22 01:51	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		06/14/22 16:09	06/17/22 01:51	1
m,p-Xylenes	<0.00398	U *	0.00398	mg/Kg		06/14/22 16:09	06/17/22 01:51	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		06/14/22 16:09	06/17/22 01:51	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		06/14/22 16:09	06/17/22 01:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	06/14/22 16:09	06/17/22 01:51	1
1,4-Difluorobenzene (Surr)	106		70 - 130	06/14/22 16:09	06/17/22 01:51	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 09:36	06/13/22 20:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/13/22 09:36	06/13/22 20:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:36	06/13/22 20:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	118		70 - 130	06/13/22 09:36	06/13/22 20:01	1
o-Terphenyl (Surr)	128		70 - 130	06/13/22 09:36	06/13/22 20:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	168		4.99	mg/Kg			06/18/22 19:54	1

Client Sample ID: B-42

Lab Sample ID: 890-2404-57

Date Collected: 06/09/22 15:41

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 4' - 5'

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 16:09	06/17/22 02:12	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/14/22 16:09	06/17/22 02:12	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/14/22 16:09	06/17/22 02:12	1
m,p-Xylenes	<0.00401	U *	0.00401	mg/Kg		06/14/22 16:09	06/17/22 02:12	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/14/22 16:09	06/17/22 02:12	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		06/14/22 16:09	06/17/22 02:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	06/14/22 16:09	06/17/22 02:12	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-42

Lab Sample ID: 890-2404-57

Date Collected: 06/09/22 15:41

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 4' - 5'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	108		70 - 130	06/14/22 16:09	06/17/22 02:12	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 16:14	06/13/22 23:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U *	49.9	mg/Kg		06/13/22 16:14	06/13/22 23:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/13/22 16:14	06/13/22 23:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	115		70 - 130			06/13/22 16:14	06/13/22 23:09	1
o-Terphenyl (Surr)	138	S1+	70 - 130			06/13/22 16:14	06/13/22 23:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	123		5.00	mg/Kg			06/18/22 20:02	1

Client Sample ID: B-43

Lab Sample ID: 890-2404-58

Date Collected: 06/09/22 15:44

Matrix: Solid

Date Received: 06/10/22 08:43

Sample Depth: 4' - 5'

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 16:09	06/17/22 02:33	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/14/22 16:09	06/17/22 02:33	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/14/22 16:09	06/17/22 02:33	1
m,p-Xylenes	<0.00400	U *	0.00400	mg/Kg		06/14/22 16:09	06/17/22 02:33	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/14/22 16:09	06/17/22 02:33	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/14/22 16:09	06/17/22 02:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	06/14/22 16:09	06/17/22 02:33	1
1,4-Difluorobenzene (Surr)	105		70 - 130	06/14/22 16:09	06/17/22 02:33	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			06/16/22 10:02	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			06/14/22 09:24	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-43

Date Collected: 06/09/22 15:44

Date Received: 06/10/22 08:43

Sample Depth: 4' - 5'

Lab Sample ID: 890-2404-58

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		06/13/22 16:14	06/14/22 00:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U *	49.9	mg/Kg		06/13/22 16:14	06/14/22 00:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/13/22 16:14	06/14/22 00:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130			06/13/22 16:14	06/14/22 00:11	1
o-Terphenyl (Surr)	130		70 - 130			06/13/22 16:14	06/14/22 00:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.2		4.96	mg/Kg			06/18/22 20:10	1

Client Sample ID: B-34

Date Collected: 06/09/22 15:12

Date Received: 06/10/22 08:43

Sample Depth: 4' - 5'

Lab Sample ID: 890-2404-59

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		06/14/22 16:09	06/17/22 02:54	1
Toluene	<0.00201	U	0.00201	mg/Kg		06/14/22 16:09	06/17/22 02:54	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		06/14/22 16:09	06/17/22 02:54	1
m,p-Xylenes	<0.00402	U *	0.00402	mg/Kg		06/14/22 16:09	06/17/22 02:54	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		06/14/22 16:09	06/17/22 02:54	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		06/14/22 16:09	06/17/22 02:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130			06/14/22 16:09	06/17/22 02:54	1
1,4-Difluorobenzene (Surr)	109		70 - 130			06/14/22 16:09	06/17/22 02:54	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			06/16/22 10:02	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			06/14/22 09:24	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		06/13/22 16:14	06/14/22 00:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U *	50.0	mg/Kg		06/13/22 16:14	06/14/22 00:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 16:14	06/14/22 00:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130			06/13/22 16:14	06/14/22 00:31	1
o-Terphenyl (Surr)	127		70 - 130			06/13/22 16:14	06/14/22 00:31	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-34
Date Collected: 06/09/22 15:12
Date Received: 06/10/22 08:43
Sample Depth: 4' - 5'

Lab Sample ID: 890-2404-59
Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	32.4		5.01	mg/Kg			06/18/22 20:33	1	

Surrogate Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
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)
890-2404-1	W-1	90	98
890-2404-2	W-2	122	117
890-2404-3	W-3	115	85
890-2404-4	W-4	73	103
890-2404-5	W-5	135 S1+	91
890-2404-6	W-6	101	100
890-2404-7	W-7	95	102
890-2404-8	W-8	95	104
890-2404-9	W-9	100	82
890-2404-10	W-10	91	100
890-2404-11	W-11	112	90
890-2404-11 MS	W-11	111	96
890-2404-11 MSD	W-11	113	98
890-2404-12	W-12	95	89
890-2404-13	W-13	108	87
890-2404-14	W-14	118	90
890-2404-15	W-15	118	90
890-2404-16	INTW-1	113	89
890-2404-17	B-1	114	91
890-2404-18	B-2	113	85
890-2404-19	B-3	111	90
890-2404-20	B-4	116	86
890-2404-21	B-5	115	98
890-2404-22	B-6	115	109
890-2404-23	B-7	93	99
890-2404-24	B-8	89	99
890-2404-25	B-9	93	110
890-2404-26	B-10	87	108
890-2404-27	B-11	88	98
890-2404-28	B-12	114	87
890-2404-29	B-13	107	93
890-2404-29 MS	B-13	107	97
890-2404-29 MSD	B-13	110	101
890-2404-30	B-14	95	98
890-2404-31	B-15	112	94
890-2404-31 MS	B-15	108	99
890-2404-31 MSD	B-15	111	100
890-2404-32	B-16	114	94
890-2404-33	B-17	112	94
890-2404-34	B-18	110	91
890-2404-35	B-19	109	88
890-2404-36	B-20	111	94
890-2404-37	B-22	106	82
890-2404-38	B-23	113	93
890-2404-39	B-24	113	94
890-2404-40	B-25	127	104
890-2404-41	B-26	108	92
890-2404-42	B-27	113	92
890-2404-43	B-28	114	92

Eurofins Carlsbad

Surrogate Summary

Client: Ranger Environmental Services, Inc
 Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
 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)
890-2404-44	B-29	116	94
890-2404-45	B-30	113	91
890-2404-46	B-31	113	92
890-2404-47	B-32	111	93
890-2404-48	B-33	112	92
890-2404-49	B-35	113	91
890-2404-50	B-36	112	92
890-2404-51	B-21	91	105
890-2404-51 MS	B-21	94	106
890-2404-51 MSD	B-21	92	104
890-2404-52	B-37	91	105
890-2404-53	B-38	90	107
890-2404-54	B-39	99	97
890-2404-55	B-40	91	103
890-2404-56	B-41	96	106
890-2404-57	B-42	94	108
890-2404-58	B-43	96	105
890-2404-59	B-34	95	109
LCS 880-27537/1-A	Lab Control Sample	101	99
LCS 880-27541/1-A	Lab Control Sample	111	99
LCS 880-27542/1-A	Lab Control Sample	105	98
LCS 880-27543/1-A	Lab Control Sample	83	104
LCS 880-27654/1-A	Lab Control Sample	93	103
LCS 880-27712/1-A	Lab Control Sample	107	98
LCSD 880-27537/2-A	Lab Control Sample Dup	97	99
LCSD 880-27541/2-A	Lab Control Sample Dup	114	100
LCSD 880-27542/2-A	Lab Control Sample Dup	104	98
LCSD 880-27543/2-A	Lab Control Sample Dup	86	102
LCSD 880-27654/2-A	Lab Control Sample Dup	95	103
LCSD 880-27712/2-A	Lab Control Sample Dup	107	99
MB 880-27184/5-A	Method Blank	91	108
MB 880-27498/5-A	Method Blank	100	91
MB 880-27537/5-A	Method Blank	90	110
MB 880-27541/5-A	Method Blank	104	89
MB 880-27542/5-A	Method Blank	102	90
MB 880-27543/5-A	Method Blank	89	108
MB 880-27629/5-A	Method Blank	102	90
MB 880-27654/5-A	Method Blank	87	108
MB 880-27712/5-A	Method Blank	97	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)
890-2404-1	W-1	92	113

Eurofins Carlsbad

Surrogate Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
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)
890-2404-2	W-2	102	121
890-2404-3	W-3	92	110
890-2404-4	W-4	100	120
890-2404-5	W-5	97	118
890-2404-6	W-6	90	110
890-2404-7	W-7	96	114
890-2404-8	W-8	87	107
890-2404-9	W-9	87	105
890-2404-10	W-10	80	89
890-2404-11	W-11	80	87
890-2404-12	W-12	80	88
890-2404-13	W-13	80	84
890-2404-14	W-14	77	79
890-2404-15	W-15	77	81
890-2404-16	INTW-1	79	84
890-2404-17	B-1	78	88
890-2404-18	B-2	79	86
890-2404-19	B-3	79	88
890-2404-20	B-4	80	87
890-2404-21	B-5	79	86
890-2404-22	B-6	79	85
890-2404-23	B-7	79	83
890-2404-24	B-8	79	83
890-2404-25	B-9	130	124
890-2404-26	B-10	133 S1+	128
890-2404-27	B-11	138 S1+	132 S1+
890-2404-28	B-12	130	121
890-2404-29	B-13	127	122
890-2404-30	B-14	133 S1+	127
890-2404-31	B-15	129	124
890-2404-32	B-16	129	124
890-2404-33	B-17	128	121
890-2404-34	B-18	143 S1+	134 S1+
890-2404-35	B-19	127	121
890-2404-36	B-20	127	122
890-2404-37	B-22	120	113
890-2404-38	B-23	126	120
890-2404-39	B-24	122	117
890-2404-40	B-25	124	119
890-2404-41	B-26	90	92
890-2404-42	B-27	103	114
890-2404-43	B-28	122	132 S1+
890-2404-44	B-29	89	96
890-2404-45	B-30	102	114
890-2404-46	B-31	93	102
890-2404-47	B-32	101	114
890-2404-48	B-33	95	107
890-2404-49	B-35	108	120
890-2404-50	B-36	105	113
890-2404-51	B-21	92	101

Eurofins Carlsbad

Surrogate Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
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)
890-2404-52	B-37	103	114
890-2404-53	B-38	88	96
890-2404-54	B-39	103	115
890-2404-55	B-40	104	115
890-2404-56	B-41	118	128
890-2404-57	B-42	115	138 S1+
890-2404-57 MS	B-42	108	113
890-2404-57 MSD	B-42	97	105
890-2404-58	B-43	105	130
890-2404-59	B-34	104	127
LCS 880-27379/2-A	Lab Control Sample	140 S1+	151 S1+
LCS 880-27380/2-A	Lab Control Sample	109	109
LCS 880-27382/2-A	Lab Control Sample	136 S1+	130
LCS 880-27383/2-A	Lab Control Sample	111	117
LCS 880-27449/2-A	Lab Control Sample	125	137 S1+
LCSD 880-27379/3-A	Lab Control Sample Dup	126	132 S1+
LCSD 880-27380/3-A	Lab Control Sample Dup	111	108
LCSD 880-27382/3-A	Lab Control Sample Dup	154 S1+	145 S1+
LCSD 880-27383/3-A	Lab Control Sample Dup	111	115
LCSD 880-27449/3-A	Lab Control Sample Dup	123	132 S1+
MB 880-27379/1-A	Method Blank	100	118
MB 880-27380/1-A	Method Blank	81	90
MB 880-27382/1-A	Method Blank	120	116
MB 880-27383/1-A	Method Blank	88	96
MB 880-27449/1-A	Method Blank	104	125

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Method: 8021B - Volatile Organic Compounds (GC)

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: MB 880-27498/5-A

Matrix: Solid

Analysis Batch: 27607

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27498

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/14/22 11:29	06/15/22 15:03	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/14/22 11:29	06/15/22 15:03	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/14/22 11:29	06/15/22 15:03	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		06/14/22 11:29	06/15/22 15:03	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/14/22 11:29	06/15/22 15:03	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/14/22 11:29	06/15/22 15:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	06/14/22 11:29	06/15/22 15:03	1
1,4-Difluorobenzene (Surr)	91		70 - 130	06/14/22 11:29	06/15/22 15:03	1

Lab Sample ID: MB 880-27537/5-A

Matrix: Solid

Analysis Batch: 27554

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27537

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/14/22 15:38	06/15/22 23:04	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/14/22 15:38	06/15/22 23:04	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/14/22 15:38	06/15/22 23:04	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		06/14/22 15:38	06/15/22 23:04	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/14/22 15:38	06/15/22 23:04	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/14/22 15:38	06/15/22 23:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	06/14/22 15:38	06/15/22 23:04	1
1,4-Difluorobenzene (Surr)	110		70 - 130	06/14/22 15:38	06/15/22 23:04	1

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

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

Lab Sample ID: LCS 880-27537/1-A

Matrix: Solid

Analysis Batch: 27554

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27537

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08797		mg/Kg		88	70 - 130
Toluene	0.100	0.09739		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.09008		mg/Kg		90	70 - 130
m,p-Xylenes	0.200	0.1795		mg/Kg		90	70 - 130
o-Xylene	0.100	0.09878		mg/Kg		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-27537/2-A

Matrix: Solid

Analysis Batch: 27554

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27537

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08628		mg/Kg		86	70 - 130	2	35
Toluene	0.100	0.09301		mg/Kg		93	70 - 130	5	35
Ethylbenzene	0.100	0.08378		mg/Kg		84	70 - 130	7	35
m,p-Xylenes	0.200	0.1655		mg/Kg		83	70 - 130	8	35
o-Xylene	0.100	0.09112		mg/Kg		91	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-27541/5-A

Matrix: Solid

Analysis Batch: 27607

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27541

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/14/22 15:51	06/16/22 01:39	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/14/22 15:51	06/16/22 01:39	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/14/22 15:51	06/16/22 01:39	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		06/14/22 15:51	06/16/22 01:39	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/14/22 15:51	06/16/22 01:39	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/14/22 15:51	06/16/22 01:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	06/14/22 15:51	06/16/22 01:39	1
1,4-Difluorobenzene (Surr)	89		70 - 130	06/14/22 15:51	06/16/22 01:39	1

Lab Sample ID: LCS 880-27541/1-A

Matrix: Solid

Analysis Batch: 27607

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27541

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1158		mg/Kg		116	70 - 130
Toluene	0.100	0.1128		mg/Kg		113	70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

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

Lab Sample ID: LCS 880-27541/1-A

Matrix: Solid

Analysis Batch: 27607

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27541

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	0.100	0.1203		mg/Kg		120	70 - 130
m,p-Xylenes	0.200	0.2437		mg/Kg		122	70 - 130
o-Xylene	0.100	0.1235		mg/Kg		123	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-27541/2-A

Matrix: Solid

Analysis Batch: 27607

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27541

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1171		mg/Kg		117	70 - 130	1	35
Toluene	0.100	0.1152		mg/Kg		115	70 - 130	2	35
Ethylbenzene	0.100	0.1223		mg/Kg		122	70 - 130	2	35
m,p-Xylenes	0.200	0.2478		mg/Kg		124	70 - 130	2	35
o-Xylene	0.100	0.1250		mg/Kg		125	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-2404-11 MS

Matrix: Solid

Analysis Batch: 27607

Client Sample ID: W-11

Prep Type: Total/NA

Prep Batch: 27541

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0994	0.08961		mg/Kg		90	70 - 130
Toluene	<0.00200	U	0.0994	0.09236		mg/Kg		93	70 - 130
Ethylbenzene	<0.00200	U	0.0994	0.09527		mg/Kg		96	70 - 130
m,p-Xylenes	<0.00399	U	0.199	0.1841		mg/Kg		93	70 - 130
o-Xylene	<0.00200	U	0.0994	0.09706		mg/Kg		97	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 890-2404-11 MSD

Matrix: Solid

Analysis Batch: 27607

Client Sample ID: W-11

Prep Type: Total/NA

Prep Batch: 27541

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.09692		mg/Kg		97	70 - 130	8	35
Toluene	<0.00200	U	0.100	0.09462		mg/Kg		94	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.100	0.09806		mg/Kg		98	70 - 130	3	35
m,p-Xylenes	<0.00399	U	0.200	0.1924		mg/Kg		96	70 - 130	4	35
o-Xylene	<0.00200	U	0.100	0.09984		mg/Kg		99	70 - 130	3	35

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

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

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: MB 880-27542/5-A

Matrix: Solid

Analysis Batch: 27660

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27542

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/14/22 16:00	06/16/22 22:59	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/14/22 16:00	06/16/22 22:59	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/14/22 16:00	06/16/22 22:59	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		06/14/22 16:00	06/16/22 22:59	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/14/22 16:00	06/16/22 22:59	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/14/22 16:00	06/16/22 22:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	06/14/22 16:00	06/16/22 22:59	1
1,4-Difluorobenzene (Surr)	90		70 - 130	06/14/22 16:00	06/16/22 22:59	1

Lab Sample ID: LCS 880-27542/1-A

Matrix: Solid

Analysis Batch: 27660

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27542

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1032		mg/Kg		103	70 - 130
Toluene	0.100	0.1013		mg/Kg		101	70 - 130
Ethylbenzene	0.100	0.1027		mg/Kg		103	70 - 130
m,p-Xylenes	0.200	0.2116		mg/Kg		106	70 - 130
o-Xylene	0.100	0.1063		mg/Kg		106	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-27542/2-A

Matrix: Solid

Analysis Batch: 27660

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27542

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1001		mg/Kg		100	70 - 130	3	35
Toluene	0.100	0.09779		mg/Kg		98	70 - 130	4	35
Ethylbenzene	0.100	0.09995		mg/Kg		100	70 - 130	3	35
m,p-Xylenes	0.200	0.2049		mg/Kg		102	70 - 130	3	35
o-Xylene	0.100	0.1031		mg/Kg		103	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

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

Lab Sample ID: 890-2404-31 MS

Matrix: Solid

Analysis Batch: 27660

Client Sample ID: B-15

Prep Type: Total/NA

Prep Batch: 27542

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.101	0.1056		mg/Kg		105	70 - 130
Toluene	<0.00198	U	0.101	0.1018		mg/Kg		101	70 - 130
Ethylbenzene	<0.00198	U	0.101	0.09722		mg/Kg		97	70 - 130
m,p-Xylenes	<0.00397	U	0.201	0.2032		mg/Kg		101	70 - 130
o-Xylene	<0.00198	U	0.101	0.1027		mg/Kg		102	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-2404-31 MSD

Matrix: Solid

Analysis Batch: 27660

Client Sample ID: B-15

Prep Type: Total/NA

Prep Batch: 27542

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.100	0.1023		mg/Kg		102	70 - 130	3	35
Toluene	<0.00198	U	0.100	0.09736		mg/Kg		97	70 - 130	4	35
Ethylbenzene	<0.00198	U	0.100	0.09543		mg/Kg		95	70 - 130	2	35
m,p-Xylenes	<0.00397	U	0.200	0.1995		mg/Kg		100	70 - 130	2	35
o-Xylene	<0.00198	U	0.100	0.1004		mg/Kg		100	70 - 130	2	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: MB 880-27543/5-A

Matrix: Solid

Analysis Batch: 27652

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27543

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/14/22 16:09	06/16/22 23:46	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/14/22 16:09	06/16/22 23:46	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/14/22 16:09	06/16/22 23:46	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		06/14/22 16:09	06/16/22 23:46	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/14/22 16:09	06/16/22 23:46	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/14/22 16:09	06/16/22 23:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	06/14/22 16:09	06/16/22 23:46	1
1,4-Difluorobenzene (Surr)	108		70 - 130	06/14/22 16:09	06/16/22 23:46	1

Lab Sample ID: LCS 880-27543/1-A

Matrix: Solid

Analysis Batch: 27652

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27543

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09561		mg/Kg		96	70 - 130
Toluene	0.100	0.08717		mg/Kg		87	70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

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

Lab Sample ID: LCS 880-27543/1-A

Matrix: Solid

Analysis Batch: 27652

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27543

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	0.100	0.07436		mg/Kg		74	70 - 130
m,p-Xylenes	0.200	0.1378	*	mg/Kg		69	70 - 130
o-Xylene	0.100	0.07656		mg/Kg		77	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	83		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-27543/2-A

Matrix: Solid

Analysis Batch: 27652

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27543

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09791		mg/Kg		98	70 - 130	2	35
Toluene	0.100	0.09109		mg/Kg		91	70 - 130	4	35
Ethylbenzene	0.100	0.07822		mg/Kg		78	70 - 130	5	35
m,p-Xylenes	0.200	0.1487		mg/Kg		74	70 - 130	8	35
o-Xylene	0.100	0.08168		mg/Kg		82	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 890-2404-51 MS

Matrix: Solid

Analysis Batch: 27652

Client Sample ID: B-21

Prep Type: Total/NA

Prep Batch: 27543

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.101	0.09836		mg/Kg		97	70 - 130
Toluene	<0.00198	U	0.101	0.09117		mg/Kg		90	70 - 130
Ethylbenzene	<0.00198	U	0.101	0.07369		mg/Kg		73	70 - 130
m,p-Xylenes	<0.00396	U *	0.202	0.1438		mg/Kg		71	70 - 130
o-Xylene	<0.00198	U	0.101	0.07951		mg/Kg		79	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 890-2404-51 MSD

Matrix: Solid

Analysis Batch: 27652

Client Sample ID: B-21

Prep Type: Total/NA

Prep Batch: 27543

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00198	U	0.100	0.09397		mg/Kg		94	70 - 130	5	35
Toluene	<0.00198	U	0.100	0.08797		mg/Kg		88	70 - 130	4	35
Ethylbenzene	<0.00198	U	0.100	0.07158		mg/Kg		71	70 - 130	3	35
m,p-Xylenes	<0.00396	U *	0.200	0.1411		mg/Kg		70	70 - 130	2	35
o-Xylene	<0.00198	U	0.100	0.07792		mg/Kg		78	70 - 130	2	35

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

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

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: MB 880-27629/5-A

Matrix: Solid

Analysis Batch: 27660

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27629

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/15/22 16:05	06/16/22 12:23	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/15/22 16:05	06/16/22 12:23	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/15/22 16:05	06/16/22 12:23	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		06/15/22 16:05	06/16/22 12:23	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/15/22 16:05	06/16/22 12:23	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/15/22 16:05	06/16/22 12:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Prepared

Analyzed

Dil Fac

Lab Sample ID: MB 880-27654/5-A

Matrix: Solid

Analysis Batch: 27652

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27654

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/16/22 08:23	06/16/22 13:01	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/16/22 08:23	06/16/22 13:01	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/16/22 08:23	06/16/22 13:01	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		06/16/22 08:23	06/16/22 13:01	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/16/22 08:23	06/16/22 13:01	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/16/22 08:23	06/16/22 13:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits
4-Bromofluorobenzene (Surr)	87		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Prepared

Analyzed

Dil Fac

Lab Sample ID: LCS 880-27654/1-A

Matrix: Solid

Analysis Batch: 27652

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27654

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08917		mg/Kg		89	70 - 130
Toluene	0.100	0.09001		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.07993		mg/Kg		80	70 - 130
m,p-Xylenes	0.200	0.1560		mg/Kg		78	70 - 130
o-Xylene	0.100	0.08549		mg/Kg		85	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

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

Lab Sample ID: LCSD 880-27654/2-A

Matrix: Solid

Analysis Batch: 27652

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27654

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09645		mg/Kg		96	70 - 130	8	35
Toluene	0.100	0.1028		mg/Kg		103	70 - 130	13	35
Ethylbenzene	0.100	0.09260		mg/Kg		93	70 - 130	15	35
m,p-Xylenes	0.200	0.1815		mg/Kg		91	70 - 130	15	35
o-Xylene	0.100	0.09822		mg/Kg		98	70 - 130	14	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-27712/5-A

Matrix: Solid

Analysis Batch: 27743

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27712

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/16/22 14:55	06/17/22 10:55	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/16/22 14:55	06/17/22 10:55	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/16/22 14:55	06/17/22 10:55	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		06/16/22 14:55	06/17/22 10:55	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/16/22 14:55	06/17/22 10:55	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/16/22 14:55	06/17/22 10:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	06/16/22 14:55	06/17/22 10:55	1
1,4-Difluorobenzene (Surr)	90		70 - 130	06/16/22 14:55	06/17/22 10:55	1

Lab Sample ID: LCS 880-27712/1-A

Matrix: Solid

Analysis Batch: 27743

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27712

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1085		mg/Kg		109	70 - 130
Toluene	0.100	0.1074		mg/Kg		107	70 - 130
Ethylbenzene	0.100	0.1095		mg/Kg		109	70 - 130
m,p-Xylenes	0.200	0.2257		mg/Kg		113	70 - 130
o-Xylene	0.100	0.1117		mg/Kg		112	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-27712/2-A

Matrix: Solid

Analysis Batch: 27743

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27712

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1030		mg/Kg		103	70 - 130	5	35
Toluene	0.100	0.1008		mg/Kg		101	70 - 130	6	35

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

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

Lab Sample ID: LCSD 880-27712/2-A

Matrix: Solid

Analysis Batch: 27743

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27712

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethylbenzene	0.100	0.1033		mg/Kg		103	70 - 130	6	35
m,p-Xylenes	0.200	0.2124		mg/Kg		106	70 - 130	6	35
o-Xylene	0.100	0.1051		mg/Kg		105	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: 890-2404-29 MS

Matrix: Solid

Analysis Batch: 27743

Client Sample ID: B-13

Prep Type: Total/NA

Prep Batch: 27712

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0996	0.09284		mg/Kg		93	70 - 130
Toluene	<0.00200	U	0.0996	0.09128		mg/Kg		92	70 - 130
Ethylbenzene	<0.00200	U	0.0996	0.09243		mg/Kg		93	70 - 130
m,p-Xylenes	<0.00401	U	0.199	0.1923		mg/Kg		97	70 - 130
o-Xylene	<0.00200	U	0.0996	0.09482		mg/Kg		95	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 890-2404-29 MSD

Matrix: Solid

Analysis Batch: 27743

Client Sample ID: B-13

Prep Type: Total/NA

Prep Batch: 27712

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0994	0.09569		mg/Kg		96	70 - 130	3	35
Toluene	<0.00200	U	0.0994	0.09258		mg/Kg		93	70 - 130	1	35
Ethylbenzene	<0.00200	U	0.0994	0.09487		mg/Kg		95	70 - 130	3	35
m,p-Xylenes	<0.00401	U	0.199	0.1947		mg/Kg		98	70 - 130	1	35
o-Xylene	<0.00200	U	0.0994	0.09552		mg/Kg		96	70 - 130	1	35

Surrogate	MSD %Recovery	MSD 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 880-27379/1-A

Matrix: Solid

Analysis Batch: 27351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27379

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		06/13/22 09:28	06/13/22 11:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/13/22 09:28	06/13/22 11:29	1

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

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

Lab Sample ID: MB 880-27379/1-A

Matrix: Solid

Analysis Batch: 27351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27379

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		06/13/22 09:28	06/13/22 11:29	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130			06/13/22 09:28	06/13/22 11:29	1
o-Terphenyl (Surr)	118		70 - 130			06/13/22 09:28	06/13/22 11:29	1

Lab Sample ID: LCS 880-27379/2-A

Matrix: Solid

Analysis Batch: 27351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27379

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1128		mg/Kg		113	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1452	*+	mg/Kg		145	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane (Surr)	140	S1+	70 - 130				
o-Terphenyl (Surr)	151	S1+	70 - 130				

Lab Sample ID: LCSD 880-27379/3-A

Matrix: Solid

Analysis Batch: 27351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27379

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1151		mg/Kg		115	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1407	*+	mg/Kg		141	70 - 130	3	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane (Surr)	126		70 - 130						
o-Terphenyl (Surr)	132	S1+	70 - 130						

Lab Sample ID: MB 880-27380/1-A

Matrix: Solid

Analysis Batch: 27353

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27380

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		06/13/22 09:31	06/13/22 11:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/13/22 09:31	06/13/22 11:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:31	06/13/22 11:29	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	81		70 - 130			06/13/22 09:31	06/13/22 11:29	1
o-Terphenyl (Surr)	90		70 - 130			06/13/22 09:31	06/13/22 11:29	1

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

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

Lab Sample ID: LCS 880-27380/2-A

Matrix: Solid

Analysis Batch: 27353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27380

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10			1000	919.2		mg/Kg		92	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1264		mg/Kg		126	70 - 130		

Lab Sample ID: LCSD 880-27380/3-A

Matrix: Solid

Analysis Batch: 27353

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27380

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	906.0		mg/Kg		91	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1272		mg/Kg		127	70 - 130	1	20

Lab Sample ID: MB 880-27382/1-A

Matrix: Solid

Analysis Batch: 27355

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27382

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		06/13/22 09:34	06/13/22 11:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/13/22 09:34	06/13/22 11:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:34	06/13/22 11:03	1
Surrogate	MB	MB	Limits			Prepared	Analyzed	Dil Fac
%Recovery	Qualifier							
1-Chlorooctane (Surr)	120		70 - 130			06/13/22 09:34	06/13/22 11:03	1
o-Terphenyl (Surr)	116		70 - 130			06/13/22 09:34	06/13/22 11:03	1

Lab Sample ID: LCS 880-27382/2-A

Matrix: Solid

Analysis Batch: 27355

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27382

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	942.9		mg/Kg		94	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1077		mg/Kg		108	70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

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

Lab Sample ID: LCS 880-27382/2-A

Matrix: Solid

Analysis Batch: 27355

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27382

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	136	S1+	70 - 130
o-Terphenyl (Surr)	130		70 - 130

Lab Sample ID: LCSD 880-27382/3-A

Matrix: Solid

Analysis Batch: 27355

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27382

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1070		mg/Kg		107	70 - 130	13	20
Diesel Range Organics (Over C10-C28)	1000	1190		mg/Kg		119	70 - 130	10	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	154	S1+	70 - 130
o-Terphenyl (Surr)	145	S1+	70 - 130

Lab Sample ID: MB 880-27383/1-A

Matrix: Solid

Analysis Batch: 27357

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27383

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		06/13/22 09:36	06/13/22 11:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/13/22 09:36	06/13/22 11:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 09:36	06/13/22 11:03	1

	MB	MB		Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane (Surr)	88		70 - 130	06/13/22 09:36	06/13/22 11:03	1
o-Terphenyl (Surr)	96		70 - 130	06/13/22 09:36	06/13/22 11:03	1

Lab Sample ID: LCS 880-27383/2-A

Matrix: Solid

Analysis Batch: 27357

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27383

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1089		mg/Kg		109	70 - 130
Diesel Range Organics (Over C10-C28)	1000	902.8		mg/Kg		90	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	111		70 - 130
o-Terphenyl (Surr)	117		70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

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

Lab Sample ID: LCSD 880-27383/3-A

Matrix: Solid

Analysis Batch: 27357

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27383

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1129		mg/Kg		113	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	916.3		mg/Kg		92	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane (Surr)	111		70 - 130						
o-Terphenyl (Surr)	115		70 - 130						

Lab Sample ID: MB 880-27449/1-A

Matrix: Solid

Analysis Batch: 27351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27449

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		06/13/22 16:14	06/13/22 22:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/13/22 16:14	06/13/22 22:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/13/22 16:14	06/13/22 22:06	1
Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac		
1-Chlorooctane (Surr)	104		70 - 130	06/13/22 16:14	06/13/22 22:06	1		
o-Terphenyl (Surr)	125		70 - 130	06/13/22 16:14	06/13/22 22:06	1		

Lab Sample ID: LCS 880-27449/2-A

Matrix: Solid

Analysis Batch: 27351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27449

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1174		mg/Kg		117	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1455	*+	mg/Kg		145	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane (Surr)	125		70 - 130						
o-Terphenyl (Surr)	137	S1+	70 - 130						

Lab Sample ID: LCSD 880-27449/3-A

Matrix: Solid

Analysis Batch: 27351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27449

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1160		mg/Kg		116	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	1434	*+	mg/Kg		143	70 - 130	1	20

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

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

Lab Sample ID: LCSD 880-27449/3-A

Matrix: Solid

Analysis Batch: 27351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27449

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	123		70 - 130
o-Terphenyl (Surr)	132	S1+	70 - 130

Lab Sample ID: 890-2404-57 MS

Matrix: Solid

Analysis Batch: 27351

Client Sample ID: B-42

Prep Type: Total/NA

Prep Batch: 27449

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	998	1066		mg/Kg		107	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U *+	998	1010		mg/Kg		101	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	108		70 - 130
o-Terphenyl (Surr)	113		70 - 130

Lab Sample ID: 890-2404-57 MSD

Matrix: Solid

Analysis Batch: 27351

Client Sample ID: B-42

Prep Type: Total/NA

Prep Batch: 27449

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	999	905.7		mg/Kg		91	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	941.1		mg/Kg		94	70 - 130	7	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	97		70 - 130
o-Terphenyl (Surr)	105		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-27517/1-A

Matrix: Solid

Analysis Batch: 27729

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			06/17/22 05:22	1

Lab Sample ID: LCS 880-27517/2-A

Matrix: Solid

Analysis Batch: 27729

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.6		mg/Kg		96	90 - 110

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-27517/3-A

Matrix: Solid

Analysis Batch: 27729

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	236.3		mg/Kg		95	90 - 110	2	20

Lab Sample ID: 890-2404-4 MS

Matrix: Solid

Analysis Batch: 27729

Client Sample ID: W-4

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	45.9		250	273.3		mg/Kg		91	90 - 110		

Lab Sample ID: 890-2404-4 MSD

Matrix: Solid

Analysis Batch: 27729

Client Sample ID: W-4

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	45.9		250	273.8		mg/Kg		91	90 - 110	0	20

Lab Sample ID: MB 880-27518/1-A

Matrix: Solid

Analysis Batch: 27822

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			06/18/22 11:23	1

Lab Sample ID: LCS 880-27518/2-A

Matrix: Solid

Analysis Batch: 27822

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	265.1		mg/Kg		106	90 - 110		

Lab Sample ID: LCSD 880-27518/3-A

Matrix: Solid

Analysis Batch: 27822

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	265.9		mg/Kg		106	90 - 110	0	20

Lab Sample ID: 890-2404-14 MS

Matrix: Solid

Analysis Batch: 27822

Client Sample ID: W-14

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	57.8		252	312.1		mg/Kg		101	90 - 110		

Lab Sample ID: 890-2404-14 MSD

Matrix: Solid

Analysis Batch: 27822

Client Sample ID: W-14

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	57.8		252	313.9		mg/Kg		102	90 - 110	1	20

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-2404-24 MS

Matrix: Solid

Analysis Batch: 27822

Client Sample ID: B-8

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	666		249	898.1		mg/Kg		93	90 - 110

Lab Sample ID: 890-2404-24 MSD

Matrix: Solid

Analysis Batch: 27822

Client Sample ID: B-8

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	666		249	893.8		mg/Kg		91	90 - 110	0	20

Lab Sample ID: MB 880-27519/1-A

Matrix: Solid

Analysis Batch: 27823

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			06/18/22 02:36	1

Lab Sample ID: LCS 880-27519/2-A

Matrix: Solid

Analysis Batch: 27823

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	230.8		mg/Kg		92	90 - 110

Lab Sample ID: LCSD 880-27519/3-A

Matrix: Solid

Analysis Batch: 27823

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	225.7		mg/Kg		90	90 - 110	2	20

Lab Sample ID: 890-2404-34 MS

Matrix: Solid

Analysis Batch: 27823

Client Sample ID: B-18

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	14.5	F1	250	225.5	F1	mg/Kg		84	90 - 110

Lab Sample ID: 890-2404-34 MSD

Matrix: Solid

Analysis Batch: 27823

Client Sample ID: B-18

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	F1	250	228.2	F1	mg/Kg		85	90 - 110	1	20

Lab Sample ID: 890-2404-44 MS

Matrix: Solid

Analysis Batch: 27823

Client Sample ID: B-29

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	104	F1	253	319.5	F1	mg/Kg		85	90 - 110

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-2404-44 MSD

Matrix: Solid

Analysis Batch: 27823

Client Sample ID: B-29

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	104	F1	253	320.9	F1	mg/Kg		86	90 - 110	0	20

Lab Sample ID: MB 880-27630/1-A

Matrix: Solid

Analysis Batch: 27824

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			06/18/22 18:59	1

Lab Sample ID: LCS 880-27630/2-A

Matrix: Solid

Analysis Batch: 27824

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	252.7		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-27630/3-A

Matrix: Solid

Analysis Batch: 27824

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	256.0		mg/Kg		102	90 - 110	1	20

Lab Sample ID: 890-2404-54 MS

Matrix: Solid

Analysis Batch: 27824

Client Sample ID: B-39

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	80.2		248	325.8		mg/Kg		99	90 - 110

Lab Sample ID: 890-2404-54 MSD

Matrix: Solid

Analysis Batch: 27824

Client Sample ID: B-39

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	80.2		248	330.4		mg/Kg		101	90 - 110	1	20

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

GC VOA

Prep Batch: 27184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-27184/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 27498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-27498/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 27537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-1	W-1	Total/NA	Solid	5035	
890-2404-2	W-2	Total/NA	Solid	5035	
890-2404-3	W-3	Total/NA	Solid	5035	
890-2404-4	W-4	Total/NA	Solid	5035	
890-2404-5	W-5	Total/NA	Solid	5035	
890-2404-6	W-6	Total/NA	Solid	5035	
890-2404-7	W-7	Total/NA	Solid	5035	
890-2404-8	W-8	Total/NA	Solid	5035	
890-2404-9	W-9	Total/NA	Solid	5035	
890-2404-10	W-10	Total/NA	Solid	5035	
MB 880-27537/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27537/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27537/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 27541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-11	W-11	Total/NA	Solid	5035	
890-2404-12	W-12	Total/NA	Solid	5035	
890-2404-13	W-13	Total/NA	Solid	5035	
890-2404-14	W-14	Total/NA	Solid	5035	
890-2404-15	W-15	Total/NA	Solid	5035	
890-2404-16	INTW-1	Total/NA	Solid	5035	
890-2404-17	B-1	Total/NA	Solid	5035	
890-2404-18	B-2	Total/NA	Solid	5035	
890-2404-19	B-3	Total/NA	Solid	5035	
890-2404-20	B-4	Total/NA	Solid	5035	
890-2404-21	B-5	Total/NA	Solid	5035	
MB 880-27541/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27541/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27541/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2404-11 MS	W-11	Total/NA	Solid	5035	
890-2404-11 MSD	W-11	Total/NA	Solid	5035	

Prep Batch: 27542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-31	B-15	Total/NA	Solid	5035	
890-2404-32	B-16	Total/NA	Solid	5035	
890-2404-33	B-17	Total/NA	Solid	5035	
890-2404-34	B-18	Total/NA	Solid	5035	
890-2404-35	B-19	Total/NA	Solid	5035	
890-2404-36	B-20	Total/NA	Solid	5035	
890-2404-37	B-22	Total/NA	Solid	5035	
890-2404-38	B-23	Total/NA	Solid	5035	

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

GC VOA (Continued)

Prep Batch: 27542 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-39	B-24	Total/NA	Solid	5035	
890-2404-40	B-25	Total/NA	Solid	5035	
890-2404-41	B-26	Total/NA	Solid	5035	
890-2404-42	B-27	Total/NA	Solid	5035	
890-2404-43	B-28	Total/NA	Solid	5035	
890-2404-44	B-29	Total/NA	Solid	5035	
890-2404-45	B-30	Total/NA	Solid	5035	
890-2404-46	B-31	Total/NA	Solid	5035	
890-2404-47	B-32	Total/NA	Solid	5035	
890-2404-48	B-33	Total/NA	Solid	5035	
890-2404-49	B-35	Total/NA	Solid	5035	
890-2404-50	B-36	Total/NA	Solid	5035	
MB 880-27542/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27542/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27542/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2404-31 MS	B-15	Total/NA	Solid	5035	
890-2404-31 MSD	B-15	Total/NA	Solid	5035	

Prep Batch: 27543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-51	B-21	Total/NA	Solid	5035	
890-2404-52	B-37	Total/NA	Solid	5035	
890-2404-53	B-38	Total/NA	Solid	5035	
890-2404-54	B-39	Total/NA	Solid	5035	
890-2404-55	B-40	Total/NA	Solid	5035	
890-2404-56	B-41	Total/NA	Solid	5035	
890-2404-57	B-42	Total/NA	Solid	5035	
890-2404-58	B-43	Total/NA	Solid	5035	
890-2404-59	B-34	Total/NA	Solid	5035	
MB 880-27543/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27543/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27543/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2404-51 MS	B-21	Total/NA	Solid	5035	
890-2404-51 MSD	B-21	Total/NA	Solid	5035	

Analysis Batch: 27554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-1	W-1	Total/NA	Solid	8021B	27537
890-2404-2	W-2	Total/NA	Solid	8021B	27537
890-2404-3	W-3	Total/NA	Solid	8021B	27537
890-2404-4	W-4	Total/NA	Solid	8021B	27537
890-2404-5	W-5	Total/NA	Solid	8021B	27537
890-2404-6	W-6	Total/NA	Solid	8021B	27537
890-2404-7	W-7	Total/NA	Solid	8021B	27537
890-2404-8	W-8	Total/NA	Solid	8021B	27537
890-2404-9	W-9	Total/NA	Solid	8021B	27537
890-2404-10	W-10	Total/NA	Solid	8021B	27537
MB 880-27184/5-A	Method Blank	Total/NA	Solid	8021B	27184
MB 880-27537/5-A	Method Blank	Total/NA	Solid	8021B	27537
LCS 880-27537/1-A	Lab Control Sample	Total/NA	Solid	8021B	27537
LCSD 880-27537/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27537

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

GC VOA

Analysis Batch: 27607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-11	W-11	Total/NA	Solid	8021B	27541
890-2404-12	W-12	Total/NA	Solid	8021B	27541
890-2404-13	W-13	Total/NA	Solid	8021B	27541
890-2404-14	W-14	Total/NA	Solid	8021B	27541
890-2404-15	W-15	Total/NA	Solid	8021B	27541
890-2404-16	INTW-1	Total/NA	Solid	8021B	27541
890-2404-17	B-1	Total/NA	Solid	8021B	27541
890-2404-18	B-2	Total/NA	Solid	8021B	27541
890-2404-19	B-3	Total/NA	Solid	8021B	27541
890-2404-20	B-4	Total/NA	Solid	8021B	27541
890-2404-21	B-5	Total/NA	Solid	8021B	27541
MB 880-27498/5-A	Method Blank	Total/NA	Solid	8021B	27498
MB 880-27541/5-A	Method Blank	Total/NA	Solid	8021B	27541
LCS 880-27541/1-A	Lab Control Sample	Total/NA	Solid	8021B	27541
LCSD 880-27541/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27541
890-2404-11 MS	W-11	Total/NA	Solid	8021B	27541
890-2404-11 MSD	W-11	Total/NA	Solid	8021B	27541

Prep Batch: 27629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-27629/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 27652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-22	B-6	Total/NA	Solid	8021B	27654
890-2404-23	B-7	Total/NA	Solid	8021B	27654
890-2404-24	B-8	Total/NA	Solid	8021B	27654
890-2404-25	B-9	Total/NA	Solid	8021B	27654
890-2404-26	B-10	Total/NA	Solid	8021B	27654
890-2404-27	B-11	Total/NA	Solid	8021B	27654
890-2404-30	B-14	Total/NA	Solid	8021B	27654
890-2404-51	B-21	Total/NA	Solid	8021B	27543
890-2404-52	B-37	Total/NA	Solid	8021B	27543
890-2404-53	B-38	Total/NA	Solid	8021B	27543
890-2404-54	B-39	Total/NA	Solid	8021B	27543
890-2404-55	B-40	Total/NA	Solid	8021B	27543
890-2404-56	B-41	Total/NA	Solid	8021B	27543
890-2404-57	B-42	Total/NA	Solid	8021B	27543
890-2404-58	B-43	Total/NA	Solid	8021B	27543
890-2404-59	B-34	Total/NA	Solid	8021B	27543
MB 880-27543/5-A	Method Blank	Total/NA	Solid	8021B	27543
MB 880-27654/5-A	Method Blank	Total/NA	Solid	8021B	27654
LCS 880-27543/1-A	Lab Control Sample	Total/NA	Solid	8021B	27543
LCS 880-27654/1-A	Lab Control Sample	Total/NA	Solid	8021B	27654
LCSD 880-27543/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27543
LCSD 880-27654/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27654
890-2404-51 MS	B-21	Total/NA	Solid	8021B	27543
890-2404-51 MSD	B-21	Total/NA	Solid	8021B	27543

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

GC VOA

Prep Batch: 27654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-22	B-6	Total/NA	Solid	5035	
890-2404-23	B-7	Total/NA	Solid	5035	
890-2404-24	B-8	Total/NA	Solid	5035	
890-2404-25	B-9	Total/NA	Solid	5035	
890-2404-26	B-10	Total/NA	Solid	5035	
890-2404-27	B-11	Total/NA	Solid	5035	
890-2404-30	B-14	Total/NA	Solid	5035	
MB 880-27654/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27654/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27654/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 27660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-31	B-15	Total/NA	Solid	8021B	27542
890-2404-32	B-16	Total/NA	Solid	8021B	27542
890-2404-33	B-17	Total/NA	Solid	8021B	27542
890-2404-34	B-18	Total/NA	Solid	8021B	27542
890-2404-35	B-19	Total/NA	Solid	8021B	27542
890-2404-36	B-20	Total/NA	Solid	8021B	27542
890-2404-37	B-22	Total/NA	Solid	8021B	27542
890-2404-38	B-23	Total/NA	Solid	8021B	27542
890-2404-39	B-24	Total/NA	Solid	8021B	27542
890-2404-40	B-25	Total/NA	Solid	8021B	27542
890-2404-41	B-26	Total/NA	Solid	8021B	27542
890-2404-42	B-27	Total/NA	Solid	8021B	27542
890-2404-43	B-28	Total/NA	Solid	8021B	27542
890-2404-44	B-29	Total/NA	Solid	8021B	27542
890-2404-45	B-30	Total/NA	Solid	8021B	27542
890-2404-46	B-31	Total/NA	Solid	8021B	27542
890-2404-47	B-32	Total/NA	Solid	8021B	27542
890-2404-48	B-33	Total/NA	Solid	8021B	27542
890-2404-49	B-35	Total/NA	Solid	8021B	27542
890-2404-50	B-36	Total/NA	Solid	8021B	27542
MB 880-27542/5-A	Method Blank	Total/NA	Solid	8021B	27542
MB 880-27629/5-A	Method Blank	Total/NA	Solid	8021B	27629
LCS 880-27542/1-A	Lab Control Sample	Total/NA	Solid	8021B	27542
LCSD 880-27542/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27542
890-2404-31 MS	B-15	Total/NA	Solid	8021B	27542
890-2404-31 MSD	B-15	Total/NA	Solid	8021B	27542

Analysis Batch: 27691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-1	W-1	Total/NA	Solid	Total BTEX	
890-2404-2	W-2	Total/NA	Solid	Total BTEX	
890-2404-3	W-3	Total/NA	Solid	Total BTEX	
890-2404-4	W-4	Total/NA	Solid	Total BTEX	
890-2404-5	W-5	Total/NA	Solid	Total BTEX	
890-2404-6	W-6	Total/NA	Solid	Total BTEX	
890-2404-7	W-7	Total/NA	Solid	Total BTEX	
890-2404-8	W-8	Total/NA	Solid	Total BTEX	
890-2404-9	W-9	Total/NA	Solid	Total BTEX	

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

GC VOA (Continued)

Analysis Batch: 27691 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-10	W-10	Total/NA	Solid	Total BTEX	
890-2404-11	W-11	Total/NA	Solid	Total BTEX	
890-2404-12	W-12	Total/NA	Solid	Total BTEX	
890-2404-13	W-13	Total/NA	Solid	Total BTEX	
890-2404-14	W-14	Total/NA	Solid	Total BTEX	
890-2404-15	W-15	Total/NA	Solid	Total BTEX	
890-2404-16	INTW-1	Total/NA	Solid	Total BTEX	
890-2404-17	B-1	Total/NA	Solid	Total BTEX	
890-2404-18	B-2	Total/NA	Solid	Total BTEX	
890-2404-19	B-3	Total/NA	Solid	Total BTEX	
890-2404-20	B-4	Total/NA	Solid	Total BTEX	
890-2404-21	B-5	Total/NA	Solid	Total BTEX	
890-2404-22	B-6	Total/NA	Solid	Total BTEX	
890-2404-23	B-7	Total/NA	Solid	Total BTEX	
890-2404-24	B-8	Total/NA	Solid	Total BTEX	
890-2404-25	B-9	Total/NA	Solid	Total BTEX	
890-2404-26	B-10	Total/NA	Solid	Total BTEX	
890-2404-27	B-11	Total/NA	Solid	Total BTEX	
890-2404-28	B-12	Total/NA	Solid	Total BTEX	
890-2404-29	B-13	Total/NA	Solid	Total BTEX	
890-2404-30	B-14	Total/NA	Solid	Total BTEX	
890-2404-31	B-15	Total/NA	Solid	Total BTEX	
890-2404-32	B-16	Total/NA	Solid	Total BTEX	
890-2404-33	B-17	Total/NA	Solid	Total BTEX	
890-2404-34	B-18	Total/NA	Solid	Total BTEX	
890-2404-35	B-19	Total/NA	Solid	Total BTEX	
890-2404-36	B-20	Total/NA	Solid	Total BTEX	
890-2404-37	B-22	Total/NA	Solid	Total BTEX	
890-2404-38	B-23	Total/NA	Solid	Total BTEX	
890-2404-39	B-24	Total/NA	Solid	Total BTEX	
890-2404-40	B-25	Total/NA	Solid	Total BTEX	
890-2404-41	B-26	Total/NA	Solid	Total BTEX	
890-2404-42	B-27	Total/NA	Solid	Total BTEX	
890-2404-43	B-28	Total/NA	Solid	Total BTEX	
890-2404-44	B-29	Total/NA	Solid	Total BTEX	
890-2404-45	B-30	Total/NA	Solid	Total BTEX	
890-2404-46	B-31	Total/NA	Solid	Total BTEX	
890-2404-47	B-32	Total/NA	Solid	Total BTEX	
890-2404-48	B-33	Total/NA	Solid	Total BTEX	
890-2404-49	B-35	Total/NA	Solid	Total BTEX	
890-2404-50	B-36	Total/NA	Solid	Total BTEX	
890-2404-51	B-21	Total/NA	Solid	Total BTEX	
890-2404-52	B-37	Total/NA	Solid	Total BTEX	
890-2404-53	B-38	Total/NA	Solid	Total BTEX	
890-2404-54	B-39	Total/NA	Solid	Total BTEX	
890-2404-55	B-40	Total/NA	Solid	Total BTEX	
890-2404-56	B-41	Total/NA	Solid	Total BTEX	
890-2404-57	B-42	Total/NA	Solid	Total BTEX	
890-2404-58	B-43	Total/NA	Solid	Total BTEX	
890-2404-59	B-34	Total/NA	Solid	Total BTEX	

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

GC VOA

Prep Batch: 27712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-28	B-12	Total/NA	Solid	5035	
890-2404-29	B-13	Total/NA	Solid	5035	
MB 880-27712/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27712/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27712/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2404-29 MS	B-13	Total/NA	Solid	5035	
890-2404-29 MSD	B-13	Total/NA	Solid	5035	

Analysis Batch: 27743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-28	B-12	Total/NA	Solid	8021B	27712
890-2404-29	B-13	Total/NA	Solid	8021B	27712
MB 880-27712/5-A	Method Blank	Total/NA	Solid	8021B	27712
LCS 880-27712/1-A	Lab Control Sample	Total/NA	Solid	8021B	27712
LCSD 880-27712/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27712
890-2404-29 MS	B-13	Total/NA	Solid	8021B	27712
890-2404-29 MSD	B-13	Total/NA	Solid	8021B	27712

GC Semi VOA

Analysis Batch: 27351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-1	W-1	Total/NA	Solid	8015B NM	27379
890-2404-2	W-2	Total/NA	Solid	8015B NM	27379
890-2404-3	W-3	Total/NA	Solid	8015B NM	27379
890-2404-4	W-4	Total/NA	Solid	8015B NM	27379
890-2404-5	W-5	Total/NA	Solid	8015B NM	27379
890-2404-6	W-6	Total/NA	Solid	8015B NM	27379
890-2404-7	W-7	Total/NA	Solid	8015B NM	27379
890-2404-8	W-8	Total/NA	Solid	8015B NM	27379
890-2404-9	W-9	Total/NA	Solid	8015B NM	27379
890-2404-57	B-42	Total/NA	Solid	8015B NM	27449
890-2404-58	B-43	Total/NA	Solid	8015B NM	27449
890-2404-59	B-34	Total/NA	Solid	8015B NM	27449
MB 880-27379/1-A	Method Blank	Total/NA	Solid	8015B NM	27379
MB 880-27449/1-A	Method Blank	Total/NA	Solid	8015B NM	27449
LCS 880-27379/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27379
LCS 880-27449/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27449
LCSD 880-27379/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27379
LCSD 880-27449/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27449
890-2404-57 MS	B-42	Total/NA	Solid	8015B NM	27449
890-2404-57 MSD	B-42	Total/NA	Solid	8015B NM	27449

Analysis Batch: 27353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-10	W-10	Total/NA	Solid	8015B NM	27380
890-2404-11	W-11	Total/NA	Solid	8015B NM	27380
890-2404-12	W-12	Total/NA	Solid	8015B NM	27380
890-2404-13	W-13	Total/NA	Solid	8015B NM	27380
890-2404-14	W-14	Total/NA	Solid	8015B NM	27380
890-2404-15	W-15	Total/NA	Solid	8015B NM	27380

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
 Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
 SDG: 5198

GC Semi VOA (Continued)

Analysis Batch: 27353 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-16	INTW-1	Total/NA	Solid	8015B NM	27380
890-2404-17	B-1	Total/NA	Solid	8015B NM	27380
890-2404-18	B-2	Total/NA	Solid	8015B NM	27380
890-2404-19	B-3	Total/NA	Solid	8015B NM	27380
890-2404-20	B-4	Total/NA	Solid	8015B NM	27380
890-2404-21	B-5	Total/NA	Solid	8015B NM	27380
890-2404-22	B-6	Total/NA	Solid	8015B NM	27380
890-2404-23	B-7	Total/NA	Solid	8015B NM	27380
890-2404-24	B-8	Total/NA	Solid	8015B NM	27380
MB 880-27380/1-A	Method Blank	Total/NA	Solid	8015B NM	27380
LCS 880-27380/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27380
LCSD 880-27380/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27380

Analysis Batch: 27355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-25	B-9	Total/NA	Solid	8015B NM	27382
890-2404-26	B-10	Total/NA	Solid	8015B NM	27382
890-2404-27	B-11	Total/NA	Solid	8015B NM	27382
890-2404-28	B-12	Total/NA	Solid	8015B NM	27382
890-2404-29	B-13	Total/NA	Solid	8015B NM	27382
890-2404-30	B-14	Total/NA	Solid	8015B NM	27382
890-2404-31	B-15	Total/NA	Solid	8015B NM	27382
890-2404-32	B-16	Total/NA	Solid	8015B NM	27382
890-2404-33	B-17	Total/NA	Solid	8015B NM	27382
890-2404-34	B-18	Total/NA	Solid	8015B NM	27382
890-2404-35	B-19	Total/NA	Solid	8015B NM	27382
890-2404-36	B-20	Total/NA	Solid	8015B NM	27382
890-2404-37	B-22	Total/NA	Solid	8015B NM	27382
890-2404-38	B-23	Total/NA	Solid	8015B NM	27382
890-2404-39	B-24	Total/NA	Solid	8015B NM	27382
890-2404-40	B-25	Total/NA	Solid	8015B NM	27382
MB 880-27382/1-A	Method Blank	Total/NA	Solid	8015B NM	27382
LCS 880-27382/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27382
LCSD 880-27382/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27382

Analysis Batch: 27357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-41	B-26	Total/NA	Solid	8015B NM	27383
890-2404-42	B-27	Total/NA	Solid	8015B NM	27383
890-2404-43	B-28	Total/NA	Solid	8015B NM	27383
890-2404-44	B-29	Total/NA	Solid	8015B NM	27383
890-2404-45	B-30	Total/NA	Solid	8015B NM	27383
890-2404-46	B-31	Total/NA	Solid	8015B NM	27383
890-2404-47	B-32	Total/NA	Solid	8015B NM	27383
890-2404-48	B-33	Total/NA	Solid	8015B NM	27383
890-2404-49	B-35	Total/NA	Solid	8015B NM	27383
890-2404-50	B-36	Total/NA	Solid	8015B NM	27383
890-2404-51	B-21	Total/NA	Solid	8015B NM	27383
890-2404-52	B-37	Total/NA	Solid	8015B NM	27383
890-2404-53	B-38	Total/NA	Solid	8015B NM	27383
890-2404-54	B-39	Total/NA	Solid	8015B NM	27383

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

GC Semi VOA (Continued)

Analysis Batch: 27357 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-55	B-40	Total/NA	Solid	8015B NM	27383
890-2404-56	B-41	Total/NA	Solid	8015B NM	27383
MB 880-27383/1-A	Method Blank	Total/NA	Solid	8015B NM	27383
LCS 880-27383/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27383
LCSD 880-27383/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27383

Prep Batch: 27379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-1	W-1	Total/NA	Solid	8015NM Prep	
890-2404-2	W-2	Total/NA	Solid	8015NM Prep	
890-2404-3	W-3	Total/NA	Solid	8015NM Prep	
890-2404-4	W-4	Total/NA	Solid	8015NM Prep	
890-2404-5	W-5	Total/NA	Solid	8015NM Prep	
890-2404-6	W-6	Total/NA	Solid	8015NM Prep	
890-2404-7	W-7	Total/NA	Solid	8015NM Prep	
890-2404-8	W-8	Total/NA	Solid	8015NM Prep	
890-2404-9	W-9	Total/NA	Solid	8015NM Prep	
MB 880-27379/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-27379/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27379/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 27380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-10	W-10	Total/NA	Solid	8015NM Prep	
890-2404-11	W-11	Total/NA	Solid	8015NM Prep	
890-2404-12	W-12	Total/NA	Solid	8015NM Prep	
890-2404-13	W-13	Total/NA	Solid	8015NM Prep	
890-2404-14	W-14	Total/NA	Solid	8015NM Prep	
890-2404-15	W-15	Total/NA	Solid	8015NM Prep	
890-2404-16	INTW-1	Total/NA	Solid	8015NM Prep	
890-2404-17	B-1	Total/NA	Solid	8015NM Prep	
890-2404-18	B-2	Total/NA	Solid	8015NM Prep	
890-2404-19	B-3	Total/NA	Solid	8015NM Prep	
890-2404-20	B-4	Total/NA	Solid	8015NM Prep	
890-2404-21	B-5	Total/NA	Solid	8015NM Prep	
890-2404-22	B-6	Total/NA	Solid	8015NM Prep	
890-2404-23	B-7	Total/NA	Solid	8015NM Prep	
890-2404-24	B-8	Total/NA	Solid	8015NM Prep	
MB 880-27380/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-27380/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27380/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 27382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-25	B-9	Total/NA	Solid	8015NM Prep	
890-2404-26	B-10	Total/NA	Solid	8015NM Prep	
890-2404-27	B-11	Total/NA	Solid	8015NM Prep	
890-2404-28	B-12	Total/NA	Solid	8015NM Prep	
890-2404-29	B-13	Total/NA	Solid	8015NM Prep	
890-2404-30	B-14	Total/NA	Solid	8015NM Prep	
890-2404-31	B-15	Total/NA	Solid	8015NM Prep	

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

GC Semi VOA (Continued)

Prep Batch: 27382 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-32	B-16	Total/NA	Solid	8015NM Prep	
890-2404-33	B-17	Total/NA	Solid	8015NM Prep	
890-2404-34	B-18	Total/NA	Solid	8015NM Prep	
890-2404-35	B-19	Total/NA	Solid	8015NM Prep	
890-2404-36	B-20	Total/NA	Solid	8015NM Prep	
890-2404-37	B-22	Total/NA	Solid	8015NM Prep	
890-2404-38	B-23	Total/NA	Solid	8015NM Prep	
890-2404-39	B-24	Total/NA	Solid	8015NM Prep	
890-2404-40	B-25	Total/NA	Solid	8015NM Prep	
MB 880-27382/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-27382/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27382/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 27383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-41	B-26	Total/NA	Solid	8015NM Prep	
890-2404-42	B-27	Total/NA	Solid	8015NM Prep	
890-2404-43	B-28	Total/NA	Solid	8015NM Prep	
890-2404-44	B-29	Total/NA	Solid	8015NM Prep	
890-2404-45	B-30	Total/NA	Solid	8015NM Prep	
890-2404-46	B-31	Total/NA	Solid	8015NM Prep	
890-2404-47	B-32	Total/NA	Solid	8015NM Prep	
890-2404-48	B-33	Total/NA	Solid	8015NM Prep	
890-2404-49	B-35	Total/NA	Solid	8015NM Prep	
890-2404-50	B-36	Total/NA	Solid	8015NM Prep	
890-2404-51	B-21	Total/NA	Solid	8015NM Prep	
890-2404-52	B-37	Total/NA	Solid	8015NM Prep	
890-2404-53	B-38	Total/NA	Solid	8015NM Prep	
890-2404-54	B-39	Total/NA	Solid	8015NM Prep	
890-2404-55	B-40	Total/NA	Solid	8015NM Prep	
890-2404-56	B-41	Total/NA	Solid	8015NM Prep	
MB 880-27383/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-27383/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27383/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 27449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-57	B-42	Total/NA	Solid	8015NM Prep	
890-2404-58	B-43	Total/NA	Solid	8015NM Prep	
890-2404-59	B-34	Total/NA	Solid	8015NM Prep	
MB 880-27449/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-27449/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27449/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2404-57 MS	B-42	Total/NA	Solid	8015NM Prep	
890-2404-57 MSD	B-42	Total/NA	Solid	8015NM Prep	

Analysis Batch: 27476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-1	W-1	Total/NA	Solid	8015 NM	
890-2404-2	W-2	Total/NA	Solid	8015 NM	
890-2404-3	W-3	Total/NA	Solid	8015 NM	

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

GC Semi VOA (Continued)

Analysis Batch: 27476 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-4	W-4	Total/NA	Solid	8015 NM	
890-2404-5	W-5	Total/NA	Solid	8015 NM	
890-2404-6	W-6	Total/NA	Solid	8015 NM	
890-2404-7	W-7	Total/NA	Solid	8015 NM	
890-2404-8	W-8	Total/NA	Solid	8015 NM	
890-2404-9	W-9	Total/NA	Solid	8015 NM	
890-2404-10	W-10	Total/NA	Solid	8015 NM	
890-2404-11	W-11	Total/NA	Solid	8015 NM	
890-2404-12	W-12	Total/NA	Solid	8015 NM	
890-2404-13	W-13	Total/NA	Solid	8015 NM	
890-2404-14	W-14	Total/NA	Solid	8015 NM	
890-2404-15	W-15	Total/NA	Solid	8015 NM	
890-2404-16	INTW-1	Total/NA	Solid	8015 NM	
890-2404-17	B-1	Total/NA	Solid	8015 NM	
890-2404-18	B-2	Total/NA	Solid	8015 NM	
890-2404-19	B-3	Total/NA	Solid	8015 NM	
890-2404-20	B-4	Total/NA	Solid	8015 NM	
890-2404-21	B-5	Total/NA	Solid	8015 NM	
890-2404-22	B-6	Total/NA	Solid	8015 NM	
890-2404-23	B-7	Total/NA	Solid	8015 NM	
890-2404-24	B-8	Total/NA	Solid	8015 NM	
890-2404-25	B-9	Total/NA	Solid	8015 NM	
890-2404-26	B-10	Total/NA	Solid	8015 NM	
890-2404-27	B-11	Total/NA	Solid	8015 NM	
890-2404-28	B-12	Total/NA	Solid	8015 NM	
890-2404-29	B-13	Total/NA	Solid	8015 NM	
890-2404-30	B-14	Total/NA	Solid	8015 NM	
890-2404-31	B-15	Total/NA	Solid	8015 NM	
890-2404-32	B-16	Total/NA	Solid	8015 NM	
890-2404-33	B-17	Total/NA	Solid	8015 NM	
890-2404-34	B-18	Total/NA	Solid	8015 NM	
890-2404-35	B-19	Total/NA	Solid	8015 NM	
890-2404-36	B-20	Total/NA	Solid	8015 NM	
890-2404-37	B-22	Total/NA	Solid	8015 NM	
890-2404-38	B-23	Total/NA	Solid	8015 NM	
890-2404-39	B-24	Total/NA	Solid	8015 NM	
890-2404-40	B-25	Total/NA	Solid	8015 NM	
890-2404-41	B-26	Total/NA	Solid	8015 NM	
890-2404-42	B-27	Total/NA	Solid	8015 NM	
890-2404-43	B-28	Total/NA	Solid	8015 NM	
890-2404-44	B-29	Total/NA	Solid	8015 NM	
890-2404-45	B-30	Total/NA	Solid	8015 NM	
890-2404-46	B-31	Total/NA	Solid	8015 NM	
890-2404-47	B-32	Total/NA	Solid	8015 NM	
890-2404-48	B-33	Total/NA	Solid	8015 NM	
890-2404-49	B-35	Total/NA	Solid	8015 NM	
890-2404-50	B-36	Total/NA	Solid	8015 NM	
890-2404-51	B-21	Total/NA	Solid	8015 NM	
890-2404-52	B-37	Total/NA	Solid	8015 NM	
890-2404-53	B-38	Total/NA	Solid	8015 NM	
890-2404-54	B-39	Total/NA	Solid	8015 NM	

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

GC Semi VOA (Continued)

Analysis Batch: 27476 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-55	B-40	Total/NA	Solid	8015 NM	
890-2404-56	B-41	Total/NA	Solid	8015 NM	
890-2404-57	B-42	Total/NA	Solid	8015 NM	
890-2404-58	B-43	Total/NA	Solid	8015 NM	
890-2404-59	B-34	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 27517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-1	W-1	Soluble	Solid	DI Leach	
890-2404-2	W-2	Soluble	Solid	DI Leach	
890-2404-3	W-3	Soluble	Solid	DI Leach	
890-2404-4	W-4	Soluble	Solid	DI Leach	
890-2404-5	W-5	Soluble	Solid	DI Leach	
890-2404-6	W-6	Soluble	Solid	DI Leach	
890-2404-7	W-7	Soluble	Solid	DI Leach	
890-2404-8	W-8	Soluble	Solid	DI Leach	
890-2404-9	W-9	Soluble	Solid	DI Leach	
890-2404-10	W-10	Soluble	Solid	DI Leach	
890-2404-11	W-11	Soluble	Solid	DI Leach	
890-2404-12	W-12	Soluble	Solid	DI Leach	
890-2404-13	W-13	Soluble	Solid	DI Leach	
MB 880-27517/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27517/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27517/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2404-4 MS	W-4	Soluble	Solid	DI Leach	
890-2404-4 MSD	W-4	Soluble	Solid	DI Leach	

Leach Batch: 27518

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-14	W-14	Soluble	Solid	DI Leach	
890-2404-15	W-15	Soluble	Solid	DI Leach	
890-2404-16	INTW-1	Soluble	Solid	DI Leach	
890-2404-17	B-1	Soluble	Solid	DI Leach	
890-2404-18	B-2	Soluble	Solid	DI Leach	
890-2404-19	B-3	Soluble	Solid	DI Leach	
890-2404-20	B-4	Soluble	Solid	DI Leach	
890-2404-21	B-5	Soluble	Solid	DI Leach	
890-2404-22	B-6	Soluble	Solid	DI Leach	
890-2404-23	B-7	Soluble	Solid	DI Leach	
890-2404-24	B-8	Soluble	Solid	DI Leach	
890-2404-25	B-9	Soluble	Solid	DI Leach	
890-2404-26	B-10	Soluble	Solid	DI Leach	
890-2404-27	B-11	Soluble	Solid	DI Leach	
890-2404-28	B-12	Soluble	Solid	DI Leach	
890-2404-29	B-13	Soluble	Solid	DI Leach	
890-2404-30	B-14	Soluble	Solid	DI Leach	
890-2404-31	B-15	Soluble	Solid	DI Leach	
890-2404-32	B-16	Soluble	Solid	DI Leach	
890-2404-33	B-17	Soluble	Solid	DI Leach	

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

HPLC/IC (Continued)

Leach Batch: 27518 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-27518/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27518/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27518/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2404-14 MS	W-14	Soluble	Solid	DI Leach	
890-2404-14 MSD	W-14	Soluble	Solid	DI Leach	
890-2404-24 MS	B-8	Soluble	Solid	DI Leach	
890-2404-24 MSD	B-8	Soluble	Solid	DI Leach	

Leach Batch: 27519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-34	B-18	Soluble	Solid	DI Leach	
890-2404-35	B-19	Soluble	Solid	DI Leach	
890-2404-36	B-20	Soluble	Solid	DI Leach	
890-2404-37	B-22	Soluble	Solid	DI Leach	
890-2404-38	B-23	Soluble	Solid	DI Leach	
890-2404-39	B-24	Soluble	Solid	DI Leach	
890-2404-40	B-25	Soluble	Solid	DI Leach	
890-2404-41	B-26	Soluble	Solid	DI Leach	
890-2404-42	B-27	Soluble	Solid	DI Leach	
890-2404-43	B-28	Soluble	Solid	DI Leach	
890-2404-44	B-29	Soluble	Solid	DI Leach	
890-2404-45	B-30	Soluble	Solid	DI Leach	
890-2404-46	B-31	Soluble	Solid	DI Leach	
890-2404-47	B-32	Soluble	Solid	DI Leach	
890-2404-48	B-33	Soluble	Solid	DI Leach	
890-2404-49	B-35	Soluble	Solid	DI Leach	
890-2404-50	B-36	Soluble	Solid	DI Leach	
890-2404-51	B-21	Soluble	Solid	DI Leach	
890-2404-52	B-37	Soluble	Solid	DI Leach	
890-2404-53	B-38	Soluble	Solid	DI Leach	
MB 880-27519/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27519/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27519/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2404-34 MS	B-18	Soluble	Solid	DI Leach	
890-2404-34 MSD	B-18	Soluble	Solid	DI Leach	
890-2404-44 MS	B-29	Soluble	Solid	DI Leach	
890-2404-44 MSD	B-29	Soluble	Solid	DI Leach	

Leach Batch: 27630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-54	B-39	Soluble	Solid	DI Leach	
890-2404-55	B-40	Soluble	Solid	DI Leach	
890-2404-56	B-41	Soluble	Solid	DI Leach	
890-2404-57	B-42	Soluble	Solid	DI Leach	
890-2404-58	B-43	Soluble	Solid	DI Leach	
890-2404-59	B-34	Soluble	Solid	DI Leach	
MB 880-27630/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27630/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27630/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2404-54 MS	B-39	Soluble	Solid	DI Leach	
890-2404-54 MSD	B-39	Soluble	Solid	DI Leach	

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

HPLC/IC

Analysis Batch: 27729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-1	W-1	Soluble	Solid	300.0	27517
890-2404-2	W-2	Soluble	Solid	300.0	27517
890-2404-3	W-3	Soluble	Solid	300.0	27517
890-2404-4	W-4	Soluble	Solid	300.0	27517
890-2404-5	W-5	Soluble	Solid	300.0	27517
890-2404-6	W-6	Soluble	Solid	300.0	27517
890-2404-7	W-7	Soluble	Solid	300.0	27517
890-2404-8	W-8	Soluble	Solid	300.0	27517
890-2404-9	W-9	Soluble	Solid	300.0	27517
890-2404-10	W-10	Soluble	Solid	300.0	27517
890-2404-11	W-11	Soluble	Solid	300.0	27517
890-2404-12	W-12	Soluble	Solid	300.0	27517
890-2404-13	W-13	Soluble	Solid	300.0	27517
MB 880-27517/1-A	Method Blank	Soluble	Solid	300.0	27517
LCS 880-27517/2-A	Lab Control Sample	Soluble	Solid	300.0	27517
LCSD 880-27517/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27517
890-2404-4 MS	W-4	Soluble	Solid	300.0	27517
890-2404-4 MSD	W-4	Soluble	Solid	300.0	27517

Analysis Batch: 27822

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-14	W-14	Soluble	Solid	300.0	27518
890-2404-15	W-15	Soluble	Solid	300.0	27518
890-2404-16	INTW-1	Soluble	Solid	300.0	27518
890-2404-17	B-1	Soluble	Solid	300.0	27518
890-2404-18	B-2	Soluble	Solid	300.0	27518
890-2404-19	B-3	Soluble	Solid	300.0	27518
890-2404-20	B-4	Soluble	Solid	300.0	27518
890-2404-21	B-5	Soluble	Solid	300.0	27518
890-2404-22	B-6	Soluble	Solid	300.0	27518
890-2404-23	B-7	Soluble	Solid	300.0	27518
890-2404-24	B-8	Soluble	Solid	300.0	27518
890-2404-25	B-9	Soluble	Solid	300.0	27518
890-2404-26	B-10	Soluble	Solid	300.0	27518
890-2404-27	B-11	Soluble	Solid	300.0	27518
890-2404-28	B-12	Soluble	Solid	300.0	27518
890-2404-29	B-13	Soluble	Solid	300.0	27518
890-2404-30	B-14	Soluble	Solid	300.0	27518
890-2404-31	B-15	Soluble	Solid	300.0	27518
890-2404-32	B-16	Soluble	Solid	300.0	27518
890-2404-33	B-17	Soluble	Solid	300.0	27518
MB 880-27518/1-A	Method Blank	Soluble	Solid	300.0	27518
LCS 880-27518/2-A	Lab Control Sample	Soluble	Solid	300.0	27518
LCSD 880-27518/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27518
890-2404-14 MS	W-14	Soluble	Solid	300.0	27518
890-2404-14 MSD	W-14	Soluble	Solid	300.0	27518
890-2404-24 MS	B-8	Soluble	Solid	300.0	27518
890-2404-24 MSD	B-8	Soluble	Solid	300.0	27518

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

HPLC/IC

Analysis Batch: 27823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-34	B-18	Soluble	Solid	300.0	27519
890-2404-35	B-19	Soluble	Solid	300.0	27519
890-2404-36	B-20	Soluble	Solid	300.0	27519
890-2404-37	B-22	Soluble	Solid	300.0	27519
890-2404-38	B-23	Soluble	Solid	300.0	27519
890-2404-39	B-24	Soluble	Solid	300.0	27519
890-2404-40	B-25	Soluble	Solid	300.0	27519
890-2404-41	B-26	Soluble	Solid	300.0	27519
890-2404-42	B-27	Soluble	Solid	300.0	27519
890-2404-43	B-28	Soluble	Solid	300.0	27519
890-2404-44	B-29	Soluble	Solid	300.0	27519
890-2404-45	B-30	Soluble	Solid	300.0	27519
890-2404-46	B-31	Soluble	Solid	300.0	27519
890-2404-47	B-32	Soluble	Solid	300.0	27519
890-2404-48	B-33	Soluble	Solid	300.0	27519
890-2404-49	B-35	Soluble	Solid	300.0	27519
890-2404-50	B-36	Soluble	Solid	300.0	27519
890-2404-51	B-21	Soluble	Solid	300.0	27519
890-2404-52	B-37	Soluble	Solid	300.0	27519
890-2404-53	B-38	Soluble	Solid	300.0	27519
MB 880-27519/1-A	Method Blank	Soluble	Solid	300.0	27519
LCS 880-27519/2-A	Lab Control Sample	Soluble	Solid	300.0	27519
LCSD 880-27519/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27519
890-2404-34 MS	B-18	Soluble	Solid	300.0	27519
890-2404-34 MSD	B-18	Soluble	Solid	300.0	27519
890-2404-44 MS	B-29	Soluble	Solid	300.0	27519
890-2404-44 MSD	B-29	Soluble	Solid	300.0	27519

Analysis Batch: 27824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2404-54	B-39	Soluble	Solid	300.0	27630
890-2404-55	B-40	Soluble	Solid	300.0	27630
890-2404-56	B-41	Soluble	Solid	300.0	27630
890-2404-57	B-42	Soluble	Solid	300.0	27630
890-2404-58	B-43	Soluble	Solid	300.0	27630
890-2404-59	B-34	Soluble	Solid	300.0	27630
MB 880-27630/1-A	Method Blank	Soluble	Solid	300.0	27630
LCS 880-27630/2-A	Lab Control Sample	Soluble	Solid	300.0	27630
LCSD 880-27630/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27630
890-2404-54 MS	B-39	Soluble	Solid	300.0	27630
890-2404-54 MSD	B-39	Soluble	Solid	300.0	27630

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: W-1

Date Collected: 06/09/22 09:26

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-1

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	27537	06/14/22 15:38	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27554	06/16/22 03:56	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27379	06/13/22 09:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27351	06/13/22 18:30	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	27517	06/14/22 13:39	SC	XEN MID
Soluble	Analysis	300.0		1			27729	06/17/22 07:12	CH	XEN MID

Client Sample ID: W-2

Date Collected: 06/09/22 09:27

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-2

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	27537	06/14/22 15:38	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27554	06/16/22 04:16	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27379	06/13/22 09:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27351	06/13/22 18:53	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27517	06/14/22 13:39	SC	XEN MID
Soluble	Analysis	300.0		1			27729	06/17/22 07:20	CH	XEN MID

Client Sample ID: W-3

Date Collected: 06/09/22 09:29

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-3

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	27537	06/14/22 15:38	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27554	06/16/22 04:37	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27379	06/13/22 09:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27351	06/13/22 19:15	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27517	06/14/22 13:39	SC	XEN MID
Soluble	Analysis	300.0		1			27729	06/17/22 07:28	CH	XEN MID

Client Sample ID: W-4

Date Collected: 06/09/22 09:31

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	27537	06/14/22 15:38	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27554	06/16/22 04:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: W-4

Date Collected: 06/09/22 09:31

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-4

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			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27379	06/13/22 09:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27351	06/13/22 19:37	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27517	06/14/22 13:39	SC	XEN MID
Soluble	Analysis	300.0		1			27729	06/17/22 07:36	CH	XEN MID

Client Sample ID: W-5

Date Collected: 06/09/22 09:33

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-5

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			4.95 g	5 mL	27537	06/14/22 15:38	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27554	06/16/22 05:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27379	06/13/22 09:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27351	06/13/22 19:58	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	27517	06/14/22 13:39	SC	XEN MID
Soluble	Analysis	300.0		1			27729	06/17/22 08:00	CH	XEN MID

Client Sample ID: W-6

Date Collected: 06/09/22 09:35

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-6

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			4.95 g	5 mL	27537	06/14/22 15:38	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27554	06/16/22 05:39	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27379	06/13/22 09:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27351	06/13/22 20:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27517	06/14/22 13:39	SC	XEN MID
Soluble	Analysis	300.0		1			27729	06/17/22 08:08	CH	XEN MID

Client Sample ID: W-7

Date Collected: 06/09/22 09:37

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-7

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			5.00 g	5 mL	27537	06/14/22 15:38	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27554	06/16/22 05:59	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27379	06/13/22 09:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27351	06/13/22 20:41	AJ	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: W-7

Date Collected: 06/09/22 09:37

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-7

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 g	50 mL	27517	06/14/22 13:39	SC	XEN MID
Soluble	Analysis	300.0		1			27729	06/17/22 08:31	CH	XEN MID

Client Sample ID: W-8

Date Collected: 06/09/22 09:39

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-8

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			5.04 g	5 mL	27537	06/14/22 15:38	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27554	06/16/22 06:20	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27379	06/13/22 09:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27351	06/13/22 21:02	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27517	06/14/22 13:39	SC	XEN MID
Soluble	Analysis	300.0		1			27729	06/17/22 10:41	CH	XEN MID

Client Sample ID: W-9

Date Collected: 06/09/22 09:42

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-9

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			5.05 g	5 mL	27537	06/14/22 15:38	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27554	06/16/22 06:41	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27379	06/13/22 09:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27351	06/13/22 21:24	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	27517	06/14/22 13:39	SC	XEN MID
Soluble	Analysis	300.0		1			27729	06/17/22 08:47	CH	XEN MID

Client Sample ID: W-10

Date Collected: 06/09/22 09:45

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-10

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			5.03 g	5 mL	27537	06/14/22 15:38	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27554	06/16/22 07:01	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27380	06/13/22 09:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27353	06/13/22 15:07	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	27517	06/14/22 13:39	SC	XEN MID
Soluble	Analysis	300.0		1			27729	06/17/22 08:55	CH	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: W-11

Date Collected: 06/09/22 09:47

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-11

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	27541	06/14/22 15:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27607	06/16/22 02:01	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27380	06/13/22 09:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27353	06/13/22 15:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27517	06/14/22 13:39	SC	XEN MID
Soluble	Analysis	300.0		1			27729	06/17/22 09:03	CH	XEN MID

Client Sample ID: W-12

Date Collected: 06/09/22 09:51

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-12

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	27541	06/14/22 15:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27607	06/16/22 02:21	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27380	06/13/22 09:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27353	06/13/22 15:51	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27517	06/14/22 13:39	SC	XEN MID
Soluble	Analysis	300.0		1			27729	06/17/22 10:49	CH	XEN MID

Client Sample ID: W-13

Date Collected: 06/09/22 09:55

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-13

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	27541	06/14/22 15:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27607	06/16/22 02:41	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27380	06/13/22 09:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27353	06/13/22 16:14	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	27517	06/14/22 13:39	SC	XEN MID
Soluble	Analysis	300.0		1			27729	06/17/22 09:18	CH	XEN MID

Client Sample ID: W-14

Date Collected: 06/09/22 09:58

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	27541	06/14/22 15:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27607	06/16/22 03:02	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: W-14

Date Collected: 06/09/22 09:58

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-14

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			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27380	06/13/22 09:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27353	06/13/22 16:35	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	27518	06/14/22 13:41	SC	XEN MID
Soluble	Analysis	300.0		1			27822	06/18/22 12:38	CH	XEN MID

Client Sample ID: W-15

Date Collected: 06/09/22 10:00

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-15

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			4.95 g	5 mL	27541	06/14/22 15:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27607	06/16/22 03:22	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27380	06/13/22 09:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27353	06/13/22 18:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27518	06/14/22 13:41	SC	XEN MID
Soluble	Analysis	300.0		1			27822	06/18/22 13:06	CH	XEN MID

Client Sample ID: INTW-1

Date Collected: 06/09/22 10:02

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-16

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			5.00 g	5 mL	27541	06/14/22 15:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27607	06/16/22 03:43	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27380	06/13/22 09:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27353	06/13/22 18:30	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27518	06/14/22 13:41	SC	XEN MID
Soluble	Analysis	300.0		1			27822	06/18/22 13:15	CH	XEN MID

Client Sample ID: B-1

Date Collected: 06/09/22 11:02

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-17

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			5.03 g	5 mL	27541	06/14/22 15:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27607	06/16/22 04:03	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27380	06/13/22 09:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27353	06/13/22 18:53	AJ	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-1

Lab Sample ID: 890-2404-17

Date Collected: 06/09/22 11:02

Matrix: Solid

Date Received: 06/10/22 08:43

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	27518	06/14/22 13:41	SC	XEN MID
Soluble	Analysis	300.0		1			27822	06/18/22 13:24	CH	XEN MID

Client Sample ID: B-2

Lab Sample ID: 890-2404-18

Date Collected: 06/09/22 11:06

Matrix: Solid

Date Received: 06/10/22 08:43

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	27541	06/14/22 15:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27607	06/16/22 04:23	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27380	06/13/22 09:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27353	06/13/22 19:15	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27518	06/14/22 13:41	SC	XEN MID
Soluble	Analysis	300.0		1			27822	06/18/22 13:33	CH	XEN MID

Client Sample ID: B-3

Lab Sample ID: 890-2404-19

Date Collected: 06/09/22 11:08

Matrix: Solid

Date Received: 06/10/22 08:43

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	27541	06/14/22 15:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27607	06/16/22 04:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27380	06/13/22 09:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27353	06/13/22 19:37	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	27518	06/14/22 13:41	SC	XEN MID
Soluble	Analysis	300.0		1			27822	06/18/22 14:01	CH	XEN MID

Client Sample ID: B-4

Lab Sample ID: 890-2404-20

Date Collected: 06/09/22 11:12

Matrix: Solid

Date Received: 06/10/22 08:43

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	27541	06/14/22 15:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27607	06/16/22 05:04	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27380	06/13/22 09:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27353	06/13/22 19:58	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27518	06/14/22 13:41	SC	XEN MID
Soluble	Analysis	300.0		1			27822	06/18/22 14:10	CH	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-5

Lab Sample ID: 890-2404-21

Date Collected: 06/09/22 11:16

Matrix: Solid

Date Received: 06/10/22 08:43

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	27541	06/14/22 15:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27607	06/16/22 08:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27380	06/13/22 09:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27353	06/13/22 20:20	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	27518	06/14/22 13:41	SC	XEN MID
Soluble	Analysis	300.0		5			27822	06/18/22 14:19	CH	XEN MID

Client Sample ID: B-6

Lab Sample ID: 890-2404-22

Date Collected: 06/09/22 11:18

Matrix: Solid

Date Received: 06/10/22 08:43

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	27654	06/16/22 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27652	06/16/22 14:04	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27380	06/13/22 09:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27353	06/13/22 20:41	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27518	06/14/22 13:41	SC	XEN MID
Soluble	Analysis	300.0		1			27822	06/20/22 14:53	CH	XEN MID

Client Sample ID: B-7

Lab Sample ID: 890-2404-23

Date Collected: 06/09/22 11:22

Matrix: Solid

Date Received: 06/10/22 08:43

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	27654	06/16/22 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27652	06/16/22 14:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27380	06/13/22 09:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27353	06/13/22 21:02	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	27518	06/14/22 13:41	SC	XEN MID
Soluble	Analysis	300.0		5			27822	06/18/22 14:38	CH	XEN MID

Client Sample ID: B-8

Lab Sample ID: 890-2404-24

Date Collected: 06/09/22 11:24

Matrix: Solid

Date Received: 06/10/22 08:43

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	27654	06/16/22 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27652	06/16/22 14:46	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-8

Date Collected: 06/09/22 11:24

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-24

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			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27380	06/13/22 09:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27353	06/13/22 21:24	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27518	06/14/22 13:41	SC	XEN MID
Soluble	Analysis	300.0		1			27822	06/18/22 14:47	CH	XEN MID

Client Sample ID: B-9

Date Collected: 06/09/22 11:27

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-25

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	27654	06/16/22 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27652	06/16/22 15:07	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27382	06/13/22 09:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27355	06/13/22 14:18	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27518	06/14/22 13:41	SC	XEN MID
Soluble	Analysis	300.0		1			27822	06/18/22 15:15	CH	XEN MID

Client Sample ID: B-10

Date Collected: 06/09/22 11:28

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-26

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			5.01 g	5 mL	27654	06/16/22 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27652	06/16/22 15:27	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27382	06/13/22 09:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27355	06/13/22 14:39	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	27518	06/14/22 13:41	SC	XEN MID
Soluble	Analysis	300.0		1			27822	06/20/22 15:02	CH	XEN MID

Client Sample ID: B-11

Date Collected: 06/09/22 11:32

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-27

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			5.00 g	5 mL	27654	06/16/22 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27652	06/16/22 15:48	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27382	06/13/22 09:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27355	06/13/22 15:00	AJ	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-11

Date Collected: 06/09/22 11:32

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-27

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			4.99 g	50 mL	27518	06/14/22 13:41	SC	XEN MID
Soluble	Analysis	300.0		1			27822	06/18/22 15:51	CH	XEN MID

Client Sample ID: B-12

Date Collected: 06/09/22 11:35

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-28

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	27712	06/16/22 14:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27743	06/17/22 11:37	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27382	06/13/22 09:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27355	06/13/22 15:22	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	27518	06/14/22 13:41	SC	XEN MID
Soluble	Analysis	300.0		1			27822	06/18/22 16:01	CH	XEN MID

Client Sample ID: B-13

Date Collected: 06/09/22 11:40

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-29

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	27712	06/16/22 14:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27743	06/17/22 11:17	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27382	06/13/22 09:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27355	06/13/22 15:43	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	27518	06/14/22 13:41	SC	XEN MID
Soluble	Analysis	300.0		1			27822	06/18/22 16:10	CH	XEN MID

Client Sample ID: B-14

Date Collected: 06/09/22 11:44

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-30

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			4.99 g	5 mL	27654	06/16/22 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27652	06/16/22 17:54	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27382	06/13/22 09:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27355	06/13/22 16:05	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27518	06/14/22 13:41	SC	XEN MID
Soluble	Analysis	300.0		1			27822	06/20/22 15:12	CH	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-15

Date Collected: 06/09/22 11:47

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-31

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			5.04 g	5 mL	27542	06/14/22 16:00	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/16/22 23:21	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27382	06/13/22 09:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27355	06/13/22 16:48	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27518	06/14/22 13:41	SC	XEN MID
Soluble	Analysis	300.0		1			27822	06/18/22 16:29	CH	XEN MID

Client Sample ID: B-16

Date Collected: 06/09/22 11:50

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-32

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			5.03 g	5 mL	27542	06/14/22 16:00	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/16/22 23:41	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27382	06/13/22 09:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27355	06/13/22 17:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27518	06/14/22 13:41	SC	XEN MID
Soluble	Analysis	300.0		1			27822	06/18/22 16:38	CH	XEN MID

Client Sample ID: B-17

Date Collected: 06/09/22 13:10

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-33

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			5.01 g	5 mL	27542	06/14/22 16:00	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/17/22 00:02	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27382	06/13/22 09:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27355	06/13/22 17:31	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	27518	06/14/22 13:41	SC	XEN MID
Soluble	Analysis	300.0		1			27822	06/18/22 16:47	CH	XEN MID

Client Sample ID: B-18

Date Collected: 06/09/22 13:13

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-34

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			5.00 g	5 mL	27542	06/14/22 16:00	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/17/22 00:22	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-18

Date Collected: 06/09/22 13:13

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-34

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			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27382	06/13/22 09:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27355	06/13/22 17:52	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27519	06/14/22 13:43	SC	XEN MID
Soluble	Analysis	300.0		1			27823	06/18/22 03:00	CH	XEN MID

Client Sample ID: B-19

Date Collected: 06/09/22 13:16

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-35

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			5.05 g	5 mL	27542	06/14/22 16:00	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/17/22 00:43	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27382	06/13/22 09:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27355	06/13/22 18:14	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27519	06/14/22 13:43	SC	XEN MID
Soluble	Analysis	300.0		1			27823	06/18/22 03:23	CH	XEN MID

Client Sample ID: B-20

Date Collected: 06/09/22 13:19

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-36

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			4.99 g	5 mL	27542	06/14/22 16:00	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/17/22 01:03	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27382	06/13/22 09:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27355	06/13/22 18:35	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27519	06/14/22 13:43	SC	XEN MID
Soluble	Analysis	300.0		1			27823	06/18/22 03:31	CH	XEN MID

Client Sample ID: B-22

Date Collected: 06/09/22 13:35

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-37

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			4.95 g	5 mL	27542	06/14/22 16:00	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/17/22 01:24	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27382	06/13/22 09:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27355	06/13/22 18:57	AJ	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-22

Date Collected: 06/09/22 13:35

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-37

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			4.96 g	50 mL	27519	06/14/22 13:43	SC	XEN MID
Soluble	Analysis	300.0		1			27823	06/18/22 03:39	CH	XEN MID

Client Sample ID: B-23

Date Collected: 06/09/22 13:38

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-38

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			5.05 g	5 mL	27542	06/14/22 16:00	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/17/22 01:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27382	06/13/22 09:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27355	06/13/22 19:18	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27519	06/14/22 13:43	SC	XEN MID
Soluble	Analysis	300.0		1			27823	06/18/22 03:47	CH	XEN MID

Client Sample ID: B-24

Date Collected: 06/09/22 13:40

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-39

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			5.03 g	5 mL	27542	06/14/22 16:00	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/17/22 02:05	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27382	06/13/22 09:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27355	06/13/22 19:40	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27519	06/14/22 13:43	SC	XEN MID
Soluble	Analysis	300.0		1			27823	06/18/22 04:10	CH	XEN MID

Client Sample ID: B-25

Date Collected: 06/09/22 13:43

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-40

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			4.96 g	5 mL	27542	06/14/22 16:00	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/17/22 02:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27382	06/13/22 09:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27355	06/13/22 20:01	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27519	06/14/22 13:43	SC	XEN MID
Soluble	Analysis	300.0		1			27823	06/18/22 04:18	CH	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-26

Lab Sample ID: 890-2404-41

Date Collected: 06/09/22 13:45

Matrix: Solid

Date Received: 06/10/22 08:43

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	27542	06/14/22 16:00	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/17/22 03:48	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27383	06/13/22 09:36	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27357	06/13/22 14:18	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27519	06/14/22 13:43	SC	XEN MID
Soluble	Analysis	300.0		1			27823	06/18/22 04:26	CH	XEN MID

Client Sample ID: B-27

Lab Sample ID: 890-2404-42

Date Collected: 06/09/22 13:47

Matrix: Solid

Date Received: 06/10/22 08:43

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	27542	06/14/22 16:00	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/17/22 04:08	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27383	06/13/22 09:36	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27357	06/13/22 14:39	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27519	06/14/22 13:43	SC	XEN MID
Soluble	Analysis	300.0		1			27823	06/18/22 04:34	CH	XEN MID

Client Sample ID: B-28

Lab Sample ID: 890-2404-43

Date Collected: 06/09/22 13:50

Matrix: Solid

Date Received: 06/10/22 08:43

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	27542	06/14/22 16:00	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/17/22 04:29	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27383	06/13/22 09:36	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27357	06/13/22 15:00	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27519	06/14/22 13:43	SC	XEN MID
Soluble	Analysis	300.0		1			27823	06/18/22 04:42	CH	XEN MID

Client Sample ID: B-29

Lab Sample ID: 890-2404-44

Date Collected: 06/09/22 13:52

Matrix: Solid

Date Received: 06/10/22 08:43

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	27542	06/14/22 16:00	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/17/22 04:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-29

Date Collected: 06/09/22 13:52

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-44

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			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27383	06/13/22 09:36	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27357	06/13/22 15:22	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	27519	06/14/22 13:43	SC	XEN MID
Soluble	Analysis	300.0		1			27823	06/18/22 04:50	CH	XEN MID

Client Sample ID: B-30

Date Collected: 06/09/22 14:50

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-45

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	27542	06/14/22 16:00	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/17/22 05:10	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27383	06/13/22 09:36	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27357	06/13/22 15:43	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27519	06/14/22 13:43	SC	XEN MID
Soluble	Analysis	300.0		1			27823	06/18/22 05:14	CH	XEN MID

Client Sample ID: B-31

Date Collected: 06/09/22 14:54

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-46

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	27542	06/14/22 16:00	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/17/22 05:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27383	06/13/22 09:36	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27357	06/13/22 16:05	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27519	06/14/22 13:43	SC	XEN MID
Soluble	Analysis	300.0		1			27823	06/18/22 05:22	CH	XEN MID

Client Sample ID: B-32

Date Collected: 06/09/22 14:51

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-47

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	27542	06/14/22 16:00	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/17/22 05:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27383	06/13/22 09:36	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27357	06/13/22 16:48	AJ	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-32

Date Collected: 06/09/22 14:51

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-47

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			5.05 g	50 mL	27519	06/14/22 13:43	SC	XEN MID
Soluble	Analysis	300.0		1			27823	06/18/22 05:45	CH	XEN MID

Client Sample ID: B-33

Date Collected: 06/09/22 15:02

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-48

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			4.95 g	5 mL	27542	06/14/22 16:00	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/17/22 06:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27383	06/13/22 09:36	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27357	06/13/22 17:09	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	27519	06/14/22 13:43	SC	XEN MID
Soluble	Analysis	300.0		1			27823	06/18/22 05:53	CH	XEN MID

Client Sample ID: B-35

Date Collected: 06/09/22 15:17

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-49

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			4.98 g	5 mL	27542	06/14/22 16:00	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/17/22 06:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27383	06/13/22 09:36	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27357	06/13/22 17:31	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27519	06/14/22 13:43	SC	XEN MID
Soluble	Analysis	300.0		1			27823	06/18/22 06:01	CH	XEN MID

Client Sample ID: B-36

Date Collected: 06/09/22 15:21

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-50

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			5.03 g	5 mL	27542	06/14/22 16:00	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/17/22 06:52	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27383	06/13/22 09:36	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27357	06/13/22 17:52	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27519	06/14/22 13:43	SC	XEN MID
Soluble	Analysis	300.0		1			27823	06/18/22 06:09	CH	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-21

Date Collected: 06/09/22 13:32

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-51

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			5.05 g	5 mL	27543	06/14/22 16:09	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27652	06/17/22 00:08	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27383	06/13/22 09:36	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27357	06/13/22 18:14	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27519	06/14/22 13:43	SC	XEN MID
Soluble	Analysis	300.0		1			27823	06/18/22 06:17	CH	XEN MID

Client Sample ID: B-37

Date Collected: 06/09/22 15:24

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-52

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			5.01 g	5 mL	27543	06/14/22 16:09	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27652	06/17/22 00:29	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27383	06/13/22 09:36	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27357	06/13/22 18:35	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	27519	06/14/22 13:43	SC	XEN MID
Soluble	Analysis	300.0		1			27823	06/18/22 06:24	CH	XEN MID

Client Sample ID: B-38

Date Collected: 06/09/22 15:31

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-53

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			5.03 g	5 mL	27543	06/14/22 16:09	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27652	06/17/22 00:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27383	06/13/22 09:36	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27357	06/13/22 18:57	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	27519	06/14/22 13:43	SC	XEN MID
Soluble	Analysis	300.0		1			27823	06/18/22 06:32	CH	XEN MID

Client Sample ID: B-39

Date Collected: 06/09/22 15:34

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-54

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			5.02 g	5 mL	27543	06/14/22 16:09	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27652	06/17/22 01:10	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-39

Date Collected: 06/09/22 15:34

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-54

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			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27383	06/13/22 09:36	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27357	06/13/22 19:18	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27630	06/15/22 16:41	CH	XEN MID
Soluble	Analysis	300.0		1			27824	06/18/22 19:23	CH	XEN MID

Client Sample ID: B-40

Date Collected: 06/09/22 15:35

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-55

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			5.05 g	5 mL	27543	06/14/22 16:09	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27652	06/17/22 01:31	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27383	06/13/22 09:36	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27357	06/13/22 19:40	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27630	06/15/22 16:41	CH	XEN MID
Soluble	Analysis	300.0		1			27824	06/18/22 19:46	CH	XEN MID

Client Sample ID: B-41

Date Collected: 06/09/22 15:37

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-56

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	27543	06/14/22 16:09	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27652	06/17/22 01:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27383	06/13/22 09:36	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27357	06/13/22 20:01	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27630	06/15/22 16:41	CH	XEN MID
Soluble	Analysis	300.0		1			27824	06/18/22 19:54	CH	XEN MID

Client Sample ID: B-42

Date Collected: 06/09/22 15:41

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-57

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			4.99 g	5 mL	27543	06/14/22 16:09	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27652	06/17/22 02:12	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27449	06/13/22 16:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27351	06/13/22 23:09	AJ	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Client Sample ID: B-42

Date Collected: 06/09/22 15:41

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-57

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	27630	06/15/22 16:41	CH	XEN MID
Soluble	Analysis	300.0		1			27824	06/18/22 20:02	CH	XEN MID

Client Sample ID: B-43

Date Collected: 06/09/22 15:44

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-58

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			5.00 g	5 mL	27543	06/14/22 16:09	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27652	06/17/22 02:33	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27449	06/13/22 16:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27351	06/14/22 00:11	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	27630	06/15/22 16:41	CH	XEN MID
Soluble	Analysis	300.0		1			27824	06/18/22 20:10	CH	XEN MID

Client Sample ID: B-34

Date Collected: 06/09/22 15:12

Date Received: 06/10/22 08:43

Lab Sample ID: 890-2404-59

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			4.97 g	5 mL	27543	06/14/22 16:09	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27652	06/17/22 02:54	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27691	06/16/22 10:02	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27476	06/14/22 09:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27449	06/13/22 16:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27351	06/14/22 00:31	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	27630	06/15/22 16:41	CH	XEN MID
Soluble	Analysis	300.0		1			27824	06/18/22 20:33	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: Fearless 23 FED COM

Job ID: 890-2404-1
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: Fearless 23 FED COM

Job ID: 890-2404-1
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

Eurofins Carlsbad

Sample Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-2404-1	W-1	Solid	06/09/22 09:26	06/10/22 08:43	0' - 4'
890-2404-2	W-2	Solid	06/09/22 09:27	06/10/22 08:43	0' - 4'
890-2404-3	W-3	Solid	06/09/22 09:29	06/10/22 08:43	0' - 4'
890-2404-4	W-4	Solid	06/09/22 09:31	06/10/22 08:43	0' - 4'
890-2404-5	W-5	Solid	06/09/22 09:33	06/10/22 08:43	0' - 7'
890-2404-6	W-6	Solid	06/09/22 09:35	06/10/22 08:43	0' - 7'
890-2404-7	W-7	Solid	06/09/22 09:37	06/10/22 08:43	0' - 7'
890-2404-8	W-8	Solid	06/09/22 09:39	06/10/22 08:43	0' - 4.5'
890-2404-9	W-9	Solid	06/09/22 09:42	06/10/22 08:43	0' - 4.5'
890-2404-10	W-10	Solid	06/09/22 09:45	06/10/22 08:43	0' - 4.5'
890-2404-11	W-11	Solid	06/09/22 09:47	06/10/22 08:43	0' - 4.5'
890-2404-12	W-12	Solid	06/09/22 09:51	06/10/22 08:43	0' - 4.5'
890-2404-13	W-13	Solid	06/09/22 09:55	06/10/22 08:43	0' - 3.5'
890-2404-14	W-14	Solid	06/09/22 09:58	06/10/22 08:43	0' - 3.5'
890-2404-15	W-15	Solid	06/09/22 10:00	06/10/22 08:43	0' - 3.5'
890-2404-16	INTW-1	Solid	06/09/22 10:02	06/10/22 08:43	4' - 7'
890-2404-17	B-1	Solid	06/09/22 11:02	06/10/22 08:43	6' - 7'
890-2404-18	B-2	Solid	06/09/22 11:06	06/10/22 08:43	6' - 7'
890-2404-19	B-3	Solid	06/09/22 11:08	06/10/22 08:43	6' - 7'
890-2404-20	B-4	Solid	06/09/22 11:12	06/10/22 08:43	6'
890-2404-21	B-5	Solid	06/09/22 11:16	06/10/22 08:43	6' - 7'
890-2404-22	B-6	Solid	06/09/22 11:18	06/10/22 08:43	7' - 7'
890-2404-23	B-7	Solid	06/09/22 11:22	06/10/22 08:43	7' - 7'
890-2404-24	B-8	Solid	06/09/22 11:24	06/10/22 08:43	4' - 5'
890-2404-25	B-9	Solid	06/09/22 11:27	06/10/22 08:43	4' - 5'
890-2404-26	B-10	Solid	06/09/22 11:28	06/10/22 08:43	4'
890-2404-27	B-11	Solid	06/09/22 11:32	06/10/22 08:43	4' - 4.5'
890-2404-28	B-12	Solid	06/09/22 11:35	06/10/22 08:43	4' - 4.5'
890-2404-29	B-13	Solid	06/09/22 11:40	06/10/22 08:43	4'
890-2404-30	B-14	Solid	06/09/22 11:44	06/10/22 08:43	4' - 4.5'
890-2404-31	B-15	Solid	06/09/22 11:47	06/10/22 08:43	4' - 4.5'
890-2404-32	B-16	Solid	06/09/22 11:50	06/10/22 08:43	4' - 4.5'
890-2404-33	B-17	Solid	06/09/22 13:10	06/10/22 08:43	4'
890-2404-34	B-18	Solid	06/09/22 13:13	06/10/22 08:43	4'
890-2404-35	B-19	Solid	06/09/22 13:16	06/10/22 08:43	4' - 5'
890-2404-36	B-20	Solid	06/09/22 13:19	06/10/22 08:43	4'
890-2404-37	B-22	Solid	06/09/22 13:35	06/10/22 08:43	4'
890-2404-38	B-23	Solid	06/09/22 13:38	06/10/22 08:43	4' - 5'
890-2404-39	B-24	Solid	06/09/22 13:40	06/10/22 08:43	4' - 5'
890-2404-40	B-25	Solid	06/09/22 13:43	06/10/22 08:43	4'
890-2404-41	B-26	Solid	06/09/22 13:45	06/10/22 08:43	4'
890-2404-42	B-27	Solid	06/09/22 13:47	06/10/22 08:43	4'
890-2404-43	B-28	Solid	06/09/22 13:50	06/10/22 08:43	4'
890-2404-44	B-29	Solid	06/09/22 13:52	06/10/22 08:43	4' - 5'
890-2404-45	B-30	Solid	06/09/22 14:50	06/10/22 08:43	4'
890-2404-46	B-31	Solid	06/09/22 14:54	06/10/22 08:43	4'
890-2404-47	B-32	Solid	06/09/22 14:51	06/10/22 08:43	4' - 5'
890-2404-48	B-33	Solid	06/09/22 15:02	06/10/22 08:43	4' - 5'
890-2404-49	B-35	Solid	06/09/22 15:17	06/10/22 08:43	4' - 5'
890-2404-50	B-36	Solid	06/09/22 15:21	06/10/22 08:43	4' - 5'
890-2404-51	B-21	Solid	06/09/22 13:32	06/10/22 08:43	4'
890-2404-52	B-37	Solid	06/09/22 15:24	06/10/22 08:43	4' - 5'
890-2404-53	B-38	Solid	06/09/22 15:31	06/10/22 08:43	4'
890-2404-54	B-39	Solid	06/09/22 15:34	06/10/22 08:43	4'
890-2404-55	B-40	Solid	06/09/22 15:35	06/10/22 08:43	4' - 5'

Sample Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED COM

Job ID: 890-2404-1
SDG: 5198

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-2404-56	B-41	Solid	06/09/22 15:37	06/10/22 08:43	4' - 5'
890-2404-57	B-42	Solid	06/09/22 15:41	06/10/22 08:43	4' - 5'
890-2404-58	B-43	Solid	06/09/22 15:44	06/10/22 08:43	4' - 5'
890-2404-59	B-34	Solid	06/09/22 15:12	06/10/22 08:43	4' - 5'

Chain of Custody



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

Work Order No: _____

www.xenco.com Page 1 of C

Project Manager:	WILLIAMS	Bill to: (if different)	MR. KEVIN BACH
Company Name:	RANGER ENV	Company Name:	EOB RESOURCES INC-MIDLAND
Address:	PO BOX 301179	Address:	5509 CAMPBELL DR
City, State Zip:	AUSTIN TX 78720	City, State Zip:	MIDLAND TX 79706
Phone:	512-889-3272	Email:	WILLIAMS@RANGERENV.COM

Project Name:	FEARLESS 23 FEB CAM	Turn Around	☒ Routine ☐ Rush	Pres. Code	
Project Number:	5198	Due Date:			
Project Location:	RUPAL LCA CO NM	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	WILLIAMS/J. MARTINEZ	Temp Blank:	☒ Yes ☐ No	Thermometer ID:	
PO #:		Cooler Custody Seals:	Yes No	Correction Factor:	
		Sample Custody Seals:	Yes No	Temperature Reading:	
		Total Containers:		Corrected Temperature:	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	Pres. Code
W-1	SOIL	6/9/22	0926	0-4'	Comp	1		
W-2			0927					
W-3			0929					
W-4			0931					
W-5			0933	0-7'				
W-6			0935					
W-7			0937					
W-8			0939	0-4.5'				
W-9			0942					
W-10			0945					

Sample Identification	W-1	W-2	W-3	W-4	W-5	W-6	W-7	W-8	W-9	W-10
Matrix	SOIL									
Date Sampled	6/9/22									
Time Sampled	0926	0927	0929	0931	0933	0935	0937	0939	0942	0945
Depth	0-4'									
Grab/Comp	Comp									
# of Cont	1									
Parameters	BTX (80.1)	TOH (80.5)	CHLOROC (EPA 300)							
Pres. Code										

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 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
	<i>Amenda Schen</i>	6/10/22 8:34			

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 7

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:	SEE PAGE 1	Bill to: (if different)	SEE PAGE 1
Company Name:		Company Name:	
Address:		Address:	
City, State ZIP:		City, State ZIP:	
Phone:		Email:	

[illegible][illegible]

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. Eurofins Xenco shall not be entitled to a pro-rata and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms are enforced unless previously negotiated. Eurofins Xenco, a subsidiary of Eurofins, Inc., a public company, will be entitled to a pro-rata and a charge of \$45 for each sample submitted to Eurofins Xenco, but not analyzed. These terms are enforced unless previously negotiated.

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1.	[Signature]	Amanda Schunk	10/10/22 8:34 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:

Page 3 of 3
www.xenco.com

60

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:

Project Manager:		Bill to: (if different)	
Company Name:		Company Name:	
Address:		Address:	
City, State ZIP:		City, State ZIP:	

[illegible][illegible]

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 \$95.00 will be applied to each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

[illegible]

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 4 of 6

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: SEE PAGE 1

Address: _____

City, State ZIP: _____

Phone: _____

Bill to: (if different) _____

Company Name: SEE PAGE 1

Address: _____

City, State ZIP: _____

Email: _____

Project Name: <u>FEARLESS 23 FEB 04</u>		Turn Around		Parameters		Preservative Codes	
Project Number:	Temp Blank: <u>Yes</u> <u>No</u>	☒ Routine ☐ Rush	Wet Ice: <u>Yes</u> <u>No</u>	Thermometer ID: <u>1-11-000</u>	Pres. Code	None: NO	DI Water: H ₂ O
Project Location:	Temp Blank: <u>Yes</u> <u>No</u>	Due Date:	Thermometer ID: <u>1-11-000</u>	Correction Factor: <u>-0.2</u>		Cool: Cool	MeOH: Me
Sampler's Name:	Temp Blank: <u>Yes</u> <u>No</u>	TAT starts the day received by the lab, if received by 4:30pm	Thermometer ID: <u>1-11-000</u>	Temperature Reading: <u>7.0</u>		HCL: HC	HNO ₃ : HN
PO #:	Temp Blank: <u>Yes</u> <u>No</u>		Thermometer ID: <u>1-11-000</u>	Corrected Temperature: <u>1.8</u>		H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank: <u>Yes</u> <u>No</u>		Thermometer ID: <u>1-11-000</u>	Corrected Temperature: <u>1.8</u>		H ₃ PO ₄ : HP	NaHSO ₄ : NABIS
Samples Received Intact:	Temp Blank: <u>Yes</u> <u>No</u>		Thermometer ID: <u>1-11-000</u>	Corrected Temperature: <u>1.8</u>		Na ₂ S ₂ O ₃ : NaSO ₃	Zn Acetate+NaOH: Zn
Cooler Custody Seals:	Temp Blank: <u>Yes</u> <u>No</u>		Thermometer ID: <u>1-11-000</u>	Corrected Temperature: <u>1.8</u>		NaOH+Ascorbic Acid: SACP	
Sample Custody Seals:	Temp Blank: <u>Yes</u> <u>No</u>		Thermometer ID: <u>1-11-000</u>	Corrected Temperature: <u>1.8</u>			
Total Containers:	Temp Blank: <u>Yes</u> <u>No</u>		Thermometer ID: <u>1-11-000</u>	Corrected Temperature: <u>1.8</u>			
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Sample Comments
B-15	Soil	6/9/22	1:47	4.5'	Comp	1	
B-16			1:50	4.5'			
B-17			1:50	4'			
B-18			1:53	4'			
B-19			1:56	4.5'			
B-20			1:59	4'			
B-22			1:58	4'			
B-23			1:58	4.5'			
B-24			1:58	4.5'			
B-25			1:58	4'			

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

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 \$45.00 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
<u>[Signature]</u>	<u>[Signature]</u>	6/10/22 8:34 ²			

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 5 of 6

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:

Project Name: FEARLESS 23 FEO CAM		Turn Around		Parameters		Pres. Code		ANALYSIS REQUEST		Preservative Codes					
Project Number:	Temp Blank:	Yes	No	Wet Ice:	Thermometer ID:	Correction Factor:	Temperature Reading:	Corrected Temperature:	Grab/Comp	Depth	Time Sampled	Date Sampled	Matrix	Sample Identification	Sample Comments
Project Location:	Temp Blank:	Yes	No	Wet Ice:	Thermometer ID:	Correction Factor:	Temperature Reading:	Corrected Temperature:	Grab/Comp	Depth	Time Sampled	Date Sampled	Matrix	Sample Identification	Sample Comments
Sampler's Name:	Temp Blank:	Yes	No	Wet Ice:	Thermometer ID:	Correction Factor:	Temperature Reading:	Corrected Temperature:	Grab/Comp	Depth	Time Sampled	Date Sampled	Matrix	Sample Identification	Sample Comments
P.O. #:	Temp Blank:	Yes	No	Wet Ice:	Thermometer ID:	Correction Factor:	Temperature Reading:	Corrected Temperature:	Grab/Comp	Depth	Time Sampled	Date Sampled	Matrix	Sample Identification	Sample Comments
SAMPLE RECEIPT	Temp Blank:	Yes	No	Wet Ice:	Thermometer ID:	Correction Factor:	Temperature Reading:	Corrected Temperature:	Grab/Comp	Depth	Time Sampled	Date Sampled	Matrix	Sample Identification	Sample Comments
Samples Received Intact:	Temp Blank:	Yes	No	Wet Ice:	Thermometer ID:	Correction Factor:	Temperature Reading:	Corrected Temperature:	Grab/Comp	Depth	Time Sampled	Date Sampled	Matrix	Sample Identification	Sample Comments
Cooler Custody Seals:	Temp Blank:	Yes	No	Wet Ice:	Thermometer ID:	Correction Factor:	Temperature Reading:	Corrected Temperature:	Grab/Comp	Depth	Time Sampled	Date Sampled	Matrix	Sample Identification	Sample Comments
Sample Custody Seals:	Temp Blank:	Yes	No	Wet Ice:	Thermometer ID:	Correction Factor:	Temperature Reading:	Corrected Temperature:	Grab/Comp	Depth	Time Sampled	Date Sampled	Matrix	Sample Identification	Sample Comments
Total Containers:	Temp Blank:	Yes	No	Wet Ice:	Thermometer ID:	Correction Factor:	Temperature Reading:	Corrected Temperature:	Grab/Comp	Depth	Time Sampled	Date Sampled	Matrix	Sample Identification	Sample Comments
B-26	Temp Blank:	Yes	No	Wet Ice:	Thermometer ID:	Correction Factor:	Temperature Reading:	Corrected Temperature:	Grab/Comp	Depth	Time Sampled	Date Sampled	Matrix	Sample Identification	Sample Comments
B-27	Temp Blank:	Yes	No	Wet Ice:	Thermometer ID:	Correction Factor:	Temperature Reading:	Corrected Temperature:	Grab/Comp	Depth	Time Sampled	Date Sampled	Matrix	Sample Identification	Sample Comments
B-28	Temp Blank:	Yes	No	Wet Ice:	Thermometer ID:	Correction Factor:	Temperature Reading:	Corrected Temperature:	Grab/Comp	Depth	Time Sampled	Date Sampled	Matrix	Sample Identification	Sample Comments
B-29	Temp Blank:	Yes	No	Wet Ice:	Thermometer ID:	Correction Factor:	Temperature Reading:	Corrected Temperature:	Grab/Comp	Depth	Time Sampled	Date Sampled	Matrix	Sample Identification	Sample Comments
B-30	Temp Blank:	Yes	No	Wet Ice:	Thermometer ID:	Correction Factor:	Temperature Reading:	Corrected Temperature:	Grab/Comp	Depth	Time Sampled	Date Sampled	Matrix	Sample Identification	Sample Comments
B-31	Temp Blank:	Yes	No	Wet Ice:	Thermometer ID:	Correction Factor:	Temperature Reading:	Corrected Temperature:	Grab/Comp	Depth	Time Sampled	Date Sampled	Matrix	Sample Identification	Sample Comments
B-32	Temp Blank:	Yes	No	Wet Ice:	Thermometer ID:	Correction Factor:	Temperature Reading:	Corrected Temperature:	Grab/Comp	Depth	Time Sampled	Date Sampled	Matrix	Sample Identification	Sample Comments
B-33	Temp Blank:	Yes	No	Wet Ice:	Thermometer ID:	Correction Factor:	Temperature Reading:	Corrected Temperature:	Grab/Comp	Depth	Time Sampled	Date Sampled	Matrix	Sample Identification	Sample Comments
B-35	Temp Blank:	Yes	No	Wet Ice:	Thermometer ID:	Correction Factor:	Temperature Reading:	Corrected Temperature:	Grab/Comp	Depth	Time Sampled	Date Sampled	Matrix	Sample Identification	Sample Comments
B-36	Temp Blank:	Yes	No	Wet Ice:	Thermometer ID:	Correction Factor:	Temperature Reading:	Corrected Temperature:	Grab/Comp	Depth	Time Sampled	Date Sampled	Matrix	Sample Identification	Sample Comments

Total 200.7 / 6010	200.8 / 6020:	8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd 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

Revised Date: 08/25/2020 Rev. 2020.2

Chain of Custody



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

Work Order No: _____

www.xenco.com Page 6 of 6

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	

Project Name:		Turn Around		Pres. Code	
Project Number:		☒ Routine ☐ Rush		Parameters	
Project Location:		Due Date:		TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:		Wet Ice: ☒ Yes ☐ No		Thermometer ID: T-AM-007	
PO #:		Cooler Custody Seals: Yes No ☒ N/A		Correction Factor: -0.2	
SAMPLE RECEIPT		Temp Blank: Yes No ☒ N/A		Temperature Reading: 2.0	
Samples Received Intact:		Yes No ☒ N/A		Corrected Temperature: 1.8	
Cooler Custody Seals:		Yes No ☒ N/A		Corrected Temperature: 1.8	
Sample Custody Seals:		Yes No ☒ N/A		Corrected Temperature: 1.8	
Total Containers:		Yes No ☒ N/A		Corrected Temperature: 1.8	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Sample Comments
B-31	501A	6/14/22	1332	4'	Comp	1	
B-37			1534	4.5'			
B-38			1531	4'			
B-39			1534	4'			
B-40			1535	4.5'			
B-41			1537				
B-42			1541				
B-43			1544				
B-34			1512	4.5'			

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
<i>[Signature]</i>	<i>[Signature]</i>	6/14/22 834 ²			

Revised Date: 08/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: Ranger Environmental Services, Inc

Job Number: 890-2404-1

SDG Number: 5198

Login Number: 2404**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: 890-2404-1

SDG Number: 5198

Login Number: 2404**List Number: 2****Creator: Rodriguez, Leticia****List Source: Eurofins Midland****List Creation: 06/13/22 09:42 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: 890-2415-1

Laboratory Sample Delivery Group: 5198
Client Project/Site: Fearless 23 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:

6/23/2022 12:01:57 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: Fearless 23 Fed Com

Laboratory Job ID: 890-2415-1
SDG: 5198

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	6
Surrogate Summary	42
QC Sample Results	45
QC Association Summary	58
Lab Chronicle	69
Certification Summary	83
Method Summary	84
Sample Summary	85
Chain of Custody	86
Receipt Checklists	91

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Qualifiers

GC VOA

Qualifier	Qualifier Description
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.

GC Semi VOA

Qualifier	Qualifier Description
*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, low 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.
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.
α	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

Eurofins Carlsbad

Case Narrative

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Job ID: 890-2415-1**Laboratory: Eurofins Carlsbad****Narrative**

Job Narrative
890-2415-1

Comments

No additional comments.

Receipt

The samples were received on 6/15/2022 10:53 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 2.8° C.

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: B-81 (890-2415-38). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: B-44 (890-2415-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: B-49 (890-2415-6). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: B-54 (890-2415-11). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: B-56 (890-2415-13) and B-57 (890-2415-14). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: CCV biased low, however an acceptable CCV was analyzed within the 12 hour window, therefore data was qualified and reported.
(CCV 880-27879/51)

Method 8021B: CCV biased low for m,p-Xylenes, however an acceptable CCV was analyzed within the 12 hour window, therefore data was qualified and reported.
(CCV 880-27895/51)

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: Surrogate recovery for the following samples were outside control limits: (LCS 880-27706/2-A), (LCSD 880-27706/3-A), (MB 880-27706/1-A), (820-4629-A-1-A) and (820-4629-A-1-B MS). Evidence of matrix interferences is not obvious.

Method 8015B NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-27720 and analytical batch 880-27643 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-27704 and analytical batch 880-27649 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.

General Chemistry

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-27814 and analytical batch 880-28073 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.

Case Narrative

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Job ID: 890-2415-1 (Continued)**Laboratory: Eurofins Carlsbad (Continued)**

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-27816 and analytical batch 880-28122 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 880-27817 and analytical batch 880-28123 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: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-44

Lab Sample ID: 890-2415-1

Date Collected: 06/14/22 07:10

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

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		06/17/22 16:16	06/20/22 15:59	1
Toluene	<0.000453	U	0.00199	0.000453	mg/Kg		06/17/22 16:16	06/20/22 15:59	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg		06/17/22 16:16	06/20/22 15:59	1
m,p-Xylenes	<0.00100	U	0.00398	0.00100	mg/Kg		06/17/22 16:16	06/20/22 15:59	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg		06/17/22 16:16	06/20/22 15:59	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg		06/17/22 16:16	06/20/22 15:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	06/17/22 16:16	06/20/22 15:59	1
1,4-Difluorobenzene (Surr)	95		70 - 130	06/17/22 16:16	06/20/22 15:59	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00398	0.00100	mg/Kg			06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	82.7		49.9	15.0	mg/Kg			06/17/22 08:50	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		06/16/22 14:23	06/16/22 21:23	1
Diesel Range Organics (Over C10-C28)	47.2	J F1	49.9	15.0	mg/Kg		06/16/22 14:23	06/16/22 21:23	1
Oil Range Organics (Over C28-C36)	35.5	J	49.9	15.0	mg/Kg		06/16/22 14:23	06/16/22 21:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	06/16/22 14:23	06/16/22 21:23	1
o-Terphenyl	98		70 - 130	06/16/22 14:23	06/16/22 21:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	300		5.02	0.862	mg/Kg			06/22/22 01:10	1

Client Sample ID: B-45

Lab Sample ID: 890-2415-2

Date Collected: 06/14/22 07:20

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

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		06/17/22 16:16	06/20/22 16:25	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg		06/17/22 16:16	06/20/22 16:25	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg		06/17/22 16:16	06/20/22 16:25	1
m,p-Xylenes	<0.00101	U	0.00399	0.00101	mg/Kg		06/17/22 16:16	06/20/22 16:25	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg		06/17/22 16:16	06/20/22 16:25	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		06/17/22 16:16	06/20/22 16:25	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-45

Lab Sample ID: 890-2415-2

Date Collected: 06/14/22 07:20

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	06/17/22 16:16	06/20/22 16:25	1
1,4-Difluorobenzene (Surr)	90		70 - 130	06/17/22 16:16	06/20/22 16:25	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg	-		06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	32.5	J	49.9	15.0	mg/Kg	-		06/17/22 08:50	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	16.6	J B	49.9	15.0	mg/Kg	-	06/16/22 14:23	06/16/22 22:26	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg	-	06/16/22 14:23	06/16/22 22:26	1
Oil Range Organics (Over C28-C36)	15.9	J	49.9	15.0	mg/Kg	-	06/16/22 14:23	06/16/22 22:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				06/16/22 14:23	06/16/22 22:26	1
o-Terphenyl	101		70 - 130				06/16/22 14:23	06/16/22 22:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.5		5.02	0.862	mg/Kg	-		06/22/22 22:21	1

Client Sample ID: B-46

Lab Sample ID: 890-2415-3

Date Collected: 06/14/22 07:30

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

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	-	06/17/22 16:16	06/20/22 16:51	1
Toluene	<0.000457	U	0.00200	0.000457	mg/Kg	-	06/17/22 16:16	06/20/22 16:51	1
Ethylbenzene	<0.000566	U	0.00200	0.000566	mg/Kg	-	06/17/22 16:16	06/20/22 16:51	1
m,p-Xylenes	<0.00101	U	0.00401	0.00101	mg/Kg	-	06/17/22 16:16	06/20/22 16:51	1
o-Xylene	<0.000345	U	0.00200	0.000345	mg/Kg	-	06/17/22 16:16	06/20/22 16:51	1
Xylenes, Total	<0.00101	U	0.00401	0.00101	mg/Kg	-	06/17/22 16:16	06/20/22 16:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130				06/17/22 16:16	06/20/22 16:51	1
1,4-Difluorobenzene (Surr)	88		70 - 130				06/17/22 16:16	06/20/22 16:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00401	0.00101	mg/Kg	-		06/21/22 10:44	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-46

Lab Sample ID: 890-2415-3

Date Collected: 06/14/22 07:30

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	62.6		50.0	15.0	mg/Kg			06/17/22 08:50	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	16.0	J B	50.0	15.0	mg/Kg		06/16/22 14:23	06/16/22 22:47	1
Diesel Range Organics (Over C10-C28)	23.7	J	50.0	15.0	mg/Kg		06/16/22 14:23	06/16/22 22:47	1
Oil Range Organics (Over C28-C36)	22.9	J	50.0	15.0	mg/Kg		06/16/22 14:23	06/16/22 22:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				06/16/22 14:23	06/16/22 22:47	1
o-Terphenyl	88		70 - 130				06/16/22 14:23	06/16/22 22:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	116		4.99	0.857	mg/Kg			06/22/22 22:49	1

Client Sample ID: B-47

Lab Sample ID: 890-2415-4

Date Collected: 06/14/22 07:33

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

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		06/17/22 16:16	06/20/22 17:17	1
Toluene	<0.000458	U	0.00201	0.000458	mg/Kg		06/17/22 16:16	06/20/22 17:17	1
Ethylbenzene	<0.000567	U	0.00201	0.000567	mg/Kg		06/17/22 16:16	06/20/22 17:17	1
m,p-Xylenes	<0.00101	U	0.00402	0.00101	mg/Kg		06/17/22 16:16	06/20/22 17:17	1
o-Xylene	<0.000345	U	0.00201	0.000345	mg/Kg		06/17/22 16:16	06/20/22 17:17	1
Xylenes, Total	<0.00101	U	0.00402	0.00101	mg/Kg		06/17/22 16:16	06/20/22 17:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				06/17/22 16:16	06/20/22 17:17	1
1,4-Difluorobenzene (Surr)	97		70 - 130				06/17/22 16:16	06/20/22 17:17	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00402	0.00101	mg/Kg			06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	34.9	J	50.0	15.0	mg/Kg			06/17/22 08:50	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	19.7	J B	50.0	15.0	mg/Kg		06/16/22 14:23	06/16/22 23:08	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/16/22 14:23	06/16/22 23:08	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-47

Date Collected: 06/14/22 07:33

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

Lab Sample ID: 890-2415-4

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)	15.2	J	50.0	15.0	mg/Kg	-	06/16/22 14:23	06/16/22 23:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				06/16/22 14:23	06/16/22 23:08	1
o-Terphenyl	91		70 - 130				06/16/22 14:23	06/16/22 23:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	87.9		4.98	0.855	mg/Kg	-		06/22/22 22:58	1

Client Sample ID: B-48

Date Collected: 06/14/22 07:36

Date Received: 06/15/22 10:53

Sample Depth: 0 - 3.5

Lab Sample ID: 890-2415-5

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	-	06/17/22 16:16	06/20/22 19:06	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg	-	06/17/22 16:16	06/20/22 19:06	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg	-	06/17/22 16:16	06/20/22 19:06	1
m,p-Xylenes	<0.00101	U	0.00399	0.00101	mg/Kg	-	06/17/22 16:16	06/20/22 19:06	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg	-	06/17/22 16:16	06/20/22 19:06	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg	-	06/17/22 16:16	06/20/22 19:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				06/17/22 16:16	06/20/22 19:06	1
1,4-Difluorobenzene (Surr)	95		70 - 130				06/17/22 16:16	06/20/22 19:06	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg	-		06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	15.5	J	49.9	15.0	mg/Kg	-		06/17/22 08:50	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 B	49.9	15.0	mg/Kg	-	06/16/22 14:23	06/16/22 23:29	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg	-	06/16/22 14:23	06/16/22 23:29	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg	-	06/16/22 14:23	06/16/22 23:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				06/16/22 14:23	06/16/22 23:29	1
o-Terphenyl	92		70 - 130				06/16/22 14:23	06/16/22 23:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	64.9		4.98	0.855	mg/Kg	-		06/22/22 23:07	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-49

Lab Sample ID: 890-2415-6

Date Collected: 06/14/22 07:39

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 3.5

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		06/17/22 16:16	06/20/22 19:32	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg		06/17/22 16:16	06/20/22 19:32	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg		06/17/22 16:16	06/20/22 19:32	1
m,p-Xylenes	<0.00101	U	0.00399	0.00101	mg/Kg		06/17/22 16:16	06/20/22 19:32	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg		06/17/22 16:16	06/20/22 19:32	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		06/17/22 16:16	06/20/22 19:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130	06/17/22 16:16	06/20/22 19:32	1
1,4-Difluorobenzene (Surr)	89		70 - 130	06/17/22 16:16	06/20/22 19:32	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg			06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	64.8		50.0	15.0	mg/Kg			06/17/22 08:50	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	15.7	J B	50.0	15.0	mg/Kg		06/16/22 14:23	06/16/22 23:50	1
Diesel Range Organics (Over C10-C28)	26.6	J	50.0	15.0	mg/Kg		06/16/22 14:23	06/16/22 23:50	1
Oil Range Organics (Over C28-C36)	22.5	J	50.0	15.0	mg/Kg		06/16/22 14:23	06/16/22 23:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	06/16/22 14:23	06/16/22 23:50	1
o-Terphenyl	89		70 - 130	06/16/22 14:23	06/16/22 23:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	169		5.03	0.863	mg/Kg			06/22/22 23:17	1

Client Sample ID: B-50

Lab Sample ID: 890-2415-7

Date Collected: 06/14/22 07:42

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

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		06/17/22 16:16	06/20/22 19:58	1
Toluene	<0.000457	U	0.00200	0.000457	mg/Kg		06/17/22 16:16	06/20/22 19:58	1
Ethylbenzene	<0.000566	U	0.00200	0.000566	mg/Kg		06/17/22 16:16	06/20/22 19:58	1
m,p-Xylenes	<0.00101	U	0.00401	0.00101	mg/Kg		06/17/22 16:16	06/20/22 19:58	1
o-Xylene	<0.000345	U	0.00200	0.000345	mg/Kg		06/17/22 16:16	06/20/22 19:58	1
Xylenes, Total	<0.00101	U	0.00401	0.00101	mg/Kg		06/17/22 16:16	06/20/22 19:58	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-50

Lab Sample ID: 890-2415-7

Date Collected: 06/14/22 07:42

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	06/17/22 16:16	06/20/22 19:58	1
1,4-Difluorobenzene (Surr)	92		70 - 130	06/17/22 16:16	06/20/22 19:58	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00401	0.00101	mg/Kg	-		06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	42.7	J	49.8	14.9	mg/Kg	-		06/17/22 08:50	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	42.7	J B	49.8	14.9	mg/Kg	-	06/16/22 14:23	06/17/22 00:11	1
Diesel Range Organics (Over C10-C28)	<14.9	U	49.8	14.9	mg/Kg	-	06/16/22 14:23	06/17/22 00:11	1
Oil Range Organics (Over C28-C36)	<14.9	U	49.8	14.9	mg/Kg	-	06/16/22 14:23	06/17/22 00:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	06/16/22 14:23	06/17/22 00:11	1
o-Terphenyl	99		70 - 130	06/16/22 14:23	06/17/22 00:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.0		5.05	0.867	mg/Kg	-		06/22/22 23:44	1

Client Sample ID: B-51

Lab Sample ID: 890-2415-8

Date Collected: 06/14/22 07:49

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

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	-	06/17/22 16:16	06/20/22 20:24	1
Toluene	<0.000458	U	0.00201	0.000458	mg/Kg	-	06/17/22 16:16	06/20/22 20:24	1
Ethylbenzene	<0.000567	U	0.00201	0.000567	mg/Kg	-	06/17/22 16:16	06/20/22 20:24	1
m,p-Xylenes	<0.00101	U	0.00402	0.00101	mg/Kg	-	06/17/22 16:16	06/20/22 20:24	1
o-Xylene	<0.000345	U	0.00201	0.000345	mg/Kg	-	06/17/22 16:16	06/20/22 20:24	1
Xylenes, Total	<0.00101	U	0.00402	0.00101	mg/Kg	-	06/17/22 16:16	06/20/22 20:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	06/17/22 16:16	06/20/22 20:24	1
1,4-Difluorobenzene (Surr)	88		70 - 130	06/17/22 16:16	06/20/22 20:24	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00402	0.00101	mg/Kg	-		06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	56.2		50.0	15.0	mg/Kg	-		06/17/22 08:50	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-51

Lab Sample ID: 890-2415-8

Date Collected: 06/14/22 07:49

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

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		06/16/22 14:23	06/17/22 00:32	1
Diesel Range Organics (Over C10-C28)	30.6	J	50.0	15.0	mg/Kg		06/16/22 14:23	06/17/22 00:32	1
Oil Range Organics (Over C28-C36)	25.6	J	50.0	15.0	mg/Kg		06/16/22 14:23	06/17/22 00:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				06/16/22 14:23	06/17/22 00:32	1
o-Terphenyl	88		70 - 130				06/16/22 14:23	06/17/22 00:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	163		5.04	0.865	mg/Kg			06/22/22 23:54	1

Client Sample ID: B-52

Lab Sample ID: 890-2415-9

Date Collected: 06/14/22 07:55

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

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		06/17/22 16:16	06/20/22 20:50	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg		06/17/22 16:16	06/20/22 20:50	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg		06/17/22 16:16	06/20/22 20:50	1
m,p-Xylenes	<0.00101	U	0.00399	0.00101	mg/Kg		06/17/22 16:16	06/20/22 20:50	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg		06/17/22 16:16	06/20/22 20:50	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		06/17/22 16:16	06/20/22 20:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				06/17/22 16:16	06/20/22 20:50	1
1,4-Difluorobenzene (Surr)	97		70 - 130				06/17/22 16:16	06/20/22 20:50	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg			06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	90.7		49.9	15.0	mg/Kg			06/17/22 08:50	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	25.1	J B	49.9	15.0	mg/Kg		06/16/22 14:23	06/17/22 00:53	1
Diesel Range Organics (Over C10-C28)	36.7	J	49.9	15.0	mg/Kg		06/16/22 14:23	06/17/22 00:53	1
Oil Range Organics (Over C28-C36)	28.9	J	49.9	15.0	mg/Kg		06/16/22 14:23	06/17/22 00:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				06/16/22 14:23	06/17/22 00:53	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-52

Lab Sample ID: 890-2415-9

Date Collected: 06/14/22 07:55

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	86		70 - 130	06/16/22 14:23	06/17/22 00:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	222		4.97	0.853	mg/Kg			06/23/22 00:03	1

Client Sample ID: B-53

Lab Sample ID: 890-2415-10

Date Collected: 06/14/22 08:00

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

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		06/17/22 16:16	06/20/22 21:16	1
Toluene	<0.000453	U	0.00199	0.000453	mg/Kg		06/17/22 16:16	06/20/22 21:16	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg		06/17/22 16:16	06/20/22 21:16	1
m,p-Xylenes	<0.00100	U	0.00398	0.00100	mg/Kg		06/17/22 16:16	06/20/22 21:16	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg		06/17/22 16:16	06/20/22 21:16	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg		06/17/22 16:16	06/20/22 21:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	06/17/22 16:16	06/20/22 21:16	1
1,4-Difluorobenzene (Surr)	89		70 - 130	06/17/22 16:16	06/20/22 21:16	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00398	0.00100	mg/Kg			06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	73.1		50.0	15.0	mg/Kg			06/17/22 08:50	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	20.4	J B	50.0	15.0	mg/Kg		06/16/22 14:23	06/17/22 01:14	1
Diesel Range Organics (Over C10-C28)	29.2	J	50.0	15.0	mg/Kg		06/16/22 14:23	06/17/22 01:14	1
Oil Range Organics (Over C28-C36)	23.5	J	50.0	15.0	mg/Kg		06/16/22 14:23	06/17/22 01:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	06/16/22 14:23	06/17/22 01:14	1
o-Terphenyl	101		70 - 130	06/16/22 14:23	06/17/22 01:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	174		5.05	0.867	mg/Kg			06/23/22 00:12	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-54

Lab Sample ID: 890-2415-11

Date Collected: 06/14/22 08:20

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 3.5

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		06/17/22 16:16	06/20/22 21:42	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg		06/17/22 16:16	06/20/22 21:42	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg		06/17/22 16:16	06/20/22 21:42	1
m,p-Xylenes	<0.00101	U	0.00399	0.00101	mg/Kg		06/17/22 16:16	06/20/22 21:42	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg		06/17/22 16:16	06/20/22 21:42	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		06/17/22 16:16	06/20/22 21:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130	06/17/22 16:16	06/20/22 21:42	1
1,4-Difluorobenzene (Surr)	92		70 - 130	06/17/22 16:16	06/20/22 21:42	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg			06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	57.9		50.0	15.0	mg/Kg			06/17/22 08:50	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		06/16/22 14:23	06/17/22 01:56	1
Diesel Range Organics (Over C10-C28)	31.6	J	50.0	15.0	mg/Kg		06/16/22 14:23	06/17/22 01:56	1
Oil Range Organics (Over C28-C36)	26.3	J	50.0	15.0	mg/Kg		06/16/22 14:23	06/17/22 01:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	06/16/22 14:23	06/17/22 01:56	1
o-Terphenyl	86		70 - 130	06/16/22 14:23	06/17/22 01:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	231		5.00	0.858	mg/Kg			06/23/22 00:21	1

Client Sample ID: B-55

Lab Sample ID: 890-2415-12

Date Collected: 06/14/22 08:29

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 3.5

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		06/17/22 16:16	06/20/22 22:08	1
Toluene	<0.000453	U	0.00199	0.000453	mg/Kg		06/17/22 16:16	06/20/22 22:08	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg		06/17/22 16:16	06/20/22 22:08	1
m,p-Xylenes	<0.00100	U	0.00398	0.00100	mg/Kg		06/17/22 16:16	06/20/22 22:08	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg		06/17/22 16:16	06/20/22 22:08	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg		06/17/22 16:16	06/20/22 22:08	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-55

Lab Sample ID: 890-2415-12

Date Collected: 06/14/22 08:29

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 3.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130	06/17/22 16:16	06/20/22 22:08	1
1,4-Difluorobenzene (Surr)	90		70 - 130	06/17/22 16:16	06/20/22 22:08	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00398	0.00100	mg/Kg	-		06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	70.3		50.0	15.0	mg/Kg	-		06/17/22 08:50	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	-	06/16/22 14:23	06/17/22 02:17	1
Diesel Range Organics (Over C10-C28)	38.7	J	50.0	15.0	mg/Kg	-	06/16/22 14:23	06/17/22 02:17	1
Oil Range Organics (Over C28-C36)	31.6	J	50.0	15.0	mg/Kg	-	06/16/22 14:23	06/17/22 02:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	06/16/22 14:23	06/17/22 02:17	1
o-Terphenyl	85		70 - 130	06/16/22 14:23	06/17/22 02:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	184		5.01	0.860	mg/Kg	-		06/23/22 00:30	1

Client Sample ID: B-56

Lab Sample ID: 890-2415-13

Date Collected: 06/14/22 08:30

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 3.5

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	-	06/17/22 16:16	06/20/22 22:34	1
Toluene	<0.000454	U	0.00199	0.000454	mg/Kg	-	06/17/22 16:16	06/20/22 22:34	1
Ethylbenzene	<0.000563	U	0.00199	0.000563	mg/Kg	-	06/17/22 16:16	06/20/22 22:34	1
m,p-Xylenes	<0.00101	U	0.00398	0.00101	mg/Kg	-	06/17/22 16:16	06/20/22 22:34	1
o-Xylene	<0.000343	U	0.00199	0.000343	mg/Kg	-	06/17/22 16:16	06/20/22 22:34	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg	-	06/17/22 16:16	06/20/22 22:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130	06/17/22 16:16	06/20/22 22:34	1
1,4-Difluorobenzene (Surr)	96		70 - 130	06/17/22 16:16	06/20/22 22:34	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00398	0.00101	mg/Kg	-		06/21/22 10:44	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-56

Lab Sample ID: 890-2415-13

Date Collected: 06/14/22 08:30

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 3.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	71.5		50.0	15.0	mg/Kg			06/17/22 08:50	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 B	50.0	15.0	mg/Kg		06/16/22 14:23	06/17/22 02:38	1
Diesel Range Organics (Over C10-C28)	29.7	J	50.0	15.0	mg/Kg		06/16/22 14:23	06/17/22 02:38	1
Oil Range Organics (Over C28-C36)	25.9	J	50.0	15.0	mg/Kg		06/16/22 14:23	06/17/22 02:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				06/16/22 14:23	06/17/22 02:38	1
o-Terphenyl	82		70 - 130				06/16/22 14:23	06/17/22 02:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	187		4.97	0.853	mg/Kg			06/23/22 00:58	1

Client Sample ID: B-57

Lab Sample ID: 890-2415-14

Date Collected: 06/14/22 08:45

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 3.5

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		06/17/22 16:16	06/20/22 23:00	1
Toluene	<0.000453	U	0.00199	0.000453	mg/Kg		06/17/22 16:16	06/20/22 23:00	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg		06/17/22 16:16	06/20/22 23:00	1
m,p-Xylenes	<0.00100	U	0.00398	0.00100	mg/Kg		06/17/22 16:16	06/20/22 23:00	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg		06/17/22 16:16	06/20/22 23:00	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg		06/17/22 16:16	06/20/22 23:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130				06/17/22 16:16	06/20/22 23:00	1
1,4-Difluorobenzene (Surr)	92		70 - 130				06/17/22 16:16	06/20/22 23:00	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00398	0.00100	mg/Kg			06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	97.0		50.0	15.0	mg/Kg			06/17/22 08:50	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	42.3	J B	50.0	15.0	mg/Kg		06/16/22 14:23	06/17/22 02:59	1
Diesel Range Organics (Over C10-C28)	31.5	J	50.0	15.0	mg/Kg		06/16/22 14:23	06/17/22 02:59	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-57

Lab Sample ID: 890-2415-14

Date Collected: 06/14/22 08:45

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 3.5

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)	23.2	J	50.0	15.0	mg/Kg	-	06/16/22 14:23	06/17/22 02:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				06/16/22 14:23	06/17/22 02:59	1
o-Terphenyl	111		70 - 130				06/16/22 14:23	06/17/22 02:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	157		4.99	0.857	mg/Kg	-		06/23/22 01:07	1

Client Sample ID: B-58

Lab Sample ID: 890-2415-15

Date Collected: 06/14/22 09:15

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

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	-	06/17/22 16:28	06/21/22 00:21	1
Toluene	<0.000457	U	0.00200	0.000457	mg/Kg	-	06/17/22 16:28	06/21/22 00:21	1
Ethylbenzene	<0.000566	U	0.00200	0.000566	mg/Kg	-	06/17/22 16:28	06/21/22 00:21	1
m,p-Xylenes	<0.00101	U	0.00401	0.00101	mg/Kg	-	06/17/22 16:28	06/21/22 00:21	1
o-Xylene	<0.000345	U	0.00200	0.000345	mg/Kg	-	06/17/22 16:28	06/21/22 00:21	1
Xylenes, Total	<0.00101	U	0.00401	0.00101	mg/Kg	-	06/17/22 16:28	06/21/22 00:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				06/17/22 16:28	06/21/22 00:21	1
1,4-Difluorobenzene (Surr)	103		70 - 130				06/17/22 16:28	06/21/22 00:21	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00401	0.00101	mg/Kg	-		06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	34.4	J	49.8	14.9	mg/Kg	-		06/17/22 08:50	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	18.0	J B	49.8	14.9	mg/Kg	-	06/16/22 14:23	06/17/22 03:20	1
Diesel Range Organics (Over C10-C28)	<14.9	U	49.8	14.9	mg/Kg	-	06/16/22 14:23	06/17/22 03:20	1
Oil Range Organics (Over C28-C36)	16.4	J	49.8	14.9	mg/Kg	-	06/16/22 14:23	06/17/22 03:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				06/16/22 14:23	06/17/22 03:20	1
o-Terphenyl	88		70 - 130				06/16/22 14:23	06/17/22 03:20	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-58

Date Collected: 06/14/22 09:15

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

Lab Sample ID: 890-2415-15

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.7		4.96	0.851	mg/Kg			06/23/22 01:35	1

Client Sample ID: B-59

Date Collected: 06/14/22 09:22

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

Lab Sample ID: 890-2415-16

Matrix: Solid

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		06/17/22 16:28	06/21/22 00:41	1
Toluene	<0.000461	U	0.00202	0.000461	mg/Kg		06/17/22 16:28	06/21/22 00:41	1
Ethylbenzene	<0.000571	U	0.00202	0.000571	mg/Kg		06/17/22 16:28	06/21/22 00:41	1
m,p-Xylenes	<0.00102	U	0.00404	0.00102	mg/Kg		06/17/22 16:28	06/21/22 00:41	1
o-Xylene	<0.000347	U	0.00202	0.000347	mg/Kg		06/17/22 16:28	06/21/22 00:41	1
Xylenes, Total	<0.00102	U	0.00404	0.00102	mg/Kg		06/17/22 16:28	06/21/22 00:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130				06/17/22 16:28	06/21/22 00:41	1
1,4-Difluorobenzene (Surr)	95		70 - 130				06/17/22 16:28	06/21/22 00:41	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00102	U	0.00404	0.00102	mg/Kg			06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	19.3	J	50.0	15.0	mg/Kg			06/17/22 08:50	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	19.3	J B	50.0	15.0	mg/Kg		06/16/22 14:23	06/17/22 03:41	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/16/22 14:23	06/17/22 03:41	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/16/22 14:23	06/17/22 03:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				06/16/22 14:23	06/17/22 03:41	1
o-Terphenyl	83		70 - 130				06/16/22 14:23	06/17/22 03:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.5		5.04	0.865	mg/Kg			06/23/22 01:44	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-60

Lab Sample ID: 890-2415-17

Date Collected: 06/14/22 09:26

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

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		06/17/22 16:28	06/21/22 01:02	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg		06/17/22 16:28	06/21/22 01:02	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg		06/17/22 16:28	06/21/22 01:02	1
m,p-Xylenes	<0.00101	U	0.00399	0.00101	mg/Kg		06/17/22 16:28	06/21/22 01:02	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg		06/17/22 16:28	06/21/22 01:02	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		06/17/22 16:28	06/21/22 01:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	06/17/22 16:28	06/21/22 01:02	1
1,4-Difluorobenzene (Surr)	99		70 - 130	06/17/22 16:28	06/21/22 01:02	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg			06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	33.5	J	49.9	15.0	mg/Kg			06/17/22 08:50	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	18.5	J B	49.9	15.0	mg/Kg		06/16/22 14:23	06/17/22 04:02	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		06/16/22 14:23	06/17/22 04:02	1
Oil Range Organics (Over C28-C36)	15.0	J	49.9	15.0	mg/Kg		06/16/22 14:23	06/17/22 04:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	06/16/22 14:23	06/17/22 04:02	1
o-Terphenyl	100		70 - 130	06/16/22 14:23	06/17/22 04:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	194		4.97	0.853	mg/Kg			06/23/22 01:53	1

Client Sample ID: B-61

Lab Sample ID: 890-2415-18

Date Collected: 06/14/22 09:29

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 3.5

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		06/17/22 16:28	06/21/22 01:23	1
Toluene	<0.000453	U	0.00199	0.000453	mg/Kg		06/17/22 16:28	06/21/22 01:23	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg		06/17/22 16:28	06/21/22 01:23	1
m,p-Xylenes	<0.00100	U	0.00398	0.00100	mg/Kg		06/17/22 16:28	06/21/22 01:23	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg		06/17/22 16:28	06/21/22 01:23	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg		06/17/22 16:28	06/21/22 01:23	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-61

Lab Sample ID: 890-2415-18

Date Collected: 06/14/22 09:29

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 3.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	06/17/22 16:28	06/21/22 01:23	1
1,4-Difluorobenzene (Surr)	103		70 - 130	06/17/22 16:28	06/21/22 01:23	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00398	0.00100	mg/Kg	-		06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	60.9		49.9	15.0	mg/Kg	-		06/17/22 08:50	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	45.9	J B	49.9	15.0	mg/Kg	-	06/16/22 14:23	06/17/22 04:23	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg	-	06/16/22 14:23	06/17/22 04:23	1
Oil Range Organics (Over C28-C36)	15.0	J	49.9	15.0	mg/Kg	-	06/16/22 14:23	06/17/22 04:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	06/16/22 14:23	06/17/22 04:23	1
o-Terphenyl	102		70 - 130	06/16/22 14:23	06/17/22 04:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49.1		5.03	0.863	mg/Kg	-		06/23/22 02:02	1

Client Sample ID: B-62

Lab Sample ID: 890-2415-19

Date Collected: 06/14/22 09:33

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 3.5

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	-	06/17/22 16:28	06/21/22 01:43	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg	-	06/17/22 16:28	06/21/22 01:43	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg	-	06/17/22 16:28	06/21/22 01:43	1
m,p-Xylenes	<0.00101	U	0.00399	0.00101	mg/Kg	-	06/17/22 16:28	06/21/22 01:43	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg	-	06/17/22 16:28	06/21/22 01:43	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg	-	06/17/22 16:28	06/21/22 01:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	06/17/22 16:28	06/21/22 01:43	1
1,4-Difluorobenzene (Surr)	103		70 - 130	06/17/22 16:28	06/21/22 01:43	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg	-		06/21/22 10:44	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-62

Lab Sample ID: 890-2415-19

Date Collected: 06/14/22 09:33

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 3.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	65.8		50.0	15.0	mg/Kg			06/17/22 08:50	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 B	50.0	15.0	mg/Kg		06/16/22 14:23	06/17/22 04:45	1
Diesel Range Organics (Over C10-C28)	19.0	J	50.0	15.0	mg/Kg		06/16/22 14:23	06/17/22 04:45	1
Oil Range Organics (Over C28-C36)	19.1	J	50.0	15.0	mg/Kg		06/16/22 14:23	06/17/22 04:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				06/16/22 14:23	06/17/22 04:45	1
o-Terphenyl	96		70 - 130				06/16/22 14:23	06/17/22 04:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	806		5.02	0.862	mg/Kg			06/23/22 02:12	1

Client Sample ID: B-63

Lab Sample ID: 890-2415-20

Date Collected: 06/14/22 09:37

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 3.5

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		06/17/22 16:28	06/21/22 02:04	1
Toluene	<0.000451	U	0.00198	0.000451	mg/Kg		06/17/22 16:28	06/21/22 02:04	1
Ethylbenzene	<0.000559	U	0.00198	0.000559	mg/Kg		06/17/22 16:28	06/21/22 02:04	1
m,p-Xylenes	<0.00100	U	0.00396	0.00100	mg/Kg		06/17/22 16:28	06/21/22 02:04	1
o-Xylene	<0.000341	U	0.00198	0.000341	mg/Kg		06/17/22 16:28	06/21/22 02:04	1
Xylenes, Total	<0.00100	U	0.00396	0.00100	mg/Kg		06/17/22 16:28	06/21/22 02:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				06/17/22 16:28	06/21/22 02:04	1
1,4-Difluorobenzene (Surr)	100		70 - 130				06/17/22 16:28	06/21/22 02:04	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00396	0.00100	mg/Kg			06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	56.7		49.8	14.9	mg/Kg			06/17/22 08:50	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	40.4	J B	49.8	14.9	mg/Kg		06/16/22 14:23	06/17/22 05:06	1
Diesel Range Organics (Over C10-C28)	<14.9	U	49.8	14.9	mg/Kg		06/16/22 14:23	06/17/22 05:06	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-63

Date Collected: 06/14/22 09:37

Date Received: 06/15/22 10:53

Sample Depth: 0 - 3.5

Lab Sample ID: 890-2415-20

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)	16.3	J	49.8	14.9	mg/Kg	-	06/16/22 14:23	06/17/22 05:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				06/16/22 14:23	06/17/22 05:06	1
o-Terphenyl	84		70 - 130				06/16/22 14:23	06/17/22 05:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	184		5.02	0.862	mg/Kg	-		06/23/22 02:21	1

Client Sample ID: B-64

Date Collected: 06/14/22 09:42

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

Lab Sample ID: 890-2415-21

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	-	06/17/22 16:28	06/21/22 02:25	1
Toluene	<0.000458	U	0.00201	0.000458	mg/Kg	-	06/17/22 16:28	06/21/22 02:25	1
Ethylbenzene	<0.000567	U	0.00201	0.000567	mg/Kg	-	06/17/22 16:28	06/21/22 02:25	1
m,p-Xylenes	<0.00101	U	0.00402	0.00101	mg/Kg	-	06/17/22 16:28	06/21/22 02:25	1
o-Xylene	<0.000345	U	0.00201	0.000345	mg/Kg	-	06/17/22 16:28	06/21/22 02:25	1
Xylenes, Total	<0.00101	U	0.00402	0.00101	mg/Kg	-	06/17/22 16:28	06/21/22 02:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				06/17/22 16:28	06/21/22 02:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130				06/17/22 16:28	06/21/22 02:25	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00402	0.00101	mg/Kg	-		06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	60.2		49.9	15.0	mg/Kg	-		06/17/22 08:50	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	17.2	J *1	49.9	15.0	mg/Kg	-	06/16/22 08:31	06/16/22 18:09	1
Diesel Range Organics (Over C10-C28)	16.3	J B	49.9	15.0	mg/Kg	-	06/16/22 08:31	06/16/22 18:09	1
Oil Range Organics (Over C28-C36)	26.7	J B	49.9	15.0	mg/Kg	-	06/16/22 08:31	06/16/22 18:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				06/16/22 08:31	06/16/22 18:09	1
o-Terphenyl	84		70 - 130				06/16/22 08:31	06/16/22 18:09	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-64

Date Collected: 06/14/22 09:42

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

Lab Sample ID: 890-2415-21

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	490		4.97	0.853	mg/Kg			06/23/22 02:30	1

Client Sample ID: B-65

Date Collected: 06/14/22 09:47

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

Lab Sample ID: 890-2415-22

Matrix: Solid

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		06/17/22 16:28	06/21/22 02:45	1
Toluene	<0.000461	U	0.00202	0.000461	mg/Kg		06/17/22 16:28	06/21/22 02:45	1
Ethylbenzene	<0.000571	U	0.00202	0.000571	mg/Kg		06/17/22 16:28	06/21/22 02:45	1
m,p-Xylenes	<0.00102	U	0.00404	0.00102	mg/Kg		06/17/22 16:28	06/21/22 02:45	1
o-Xylene	<0.000347	U	0.00202	0.000347	mg/Kg		06/17/22 16:28	06/21/22 02:45	1
Xylenes, Total	<0.00102	U	0.00404	0.00102	mg/Kg		06/17/22 16:28	06/21/22 02:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				06/17/22 16:28	06/21/22 02:45	1
1,4-Difluorobenzene (Surr)	97		70 - 130				06/17/22 16:28	06/21/22 02:45	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00102	U	0.00404	0.00102	mg/Kg			06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	55.4		50.0	15.0	mg/Kg			06/17/22 08:50	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	33.3	J *1	50.0	15.0	mg/Kg		06/16/22 08:31	06/16/22 18:31	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/16/22 08:31	06/16/22 18:31	1
Oil Range Organics (Over C28-C36)	22.1	J B	50.0	15.0	mg/Kg		06/16/22 08:31	06/16/22 18:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				06/16/22 08:31	06/16/22 18:31	1
o-Terphenyl	96		70 - 130				06/16/22 08:31	06/16/22 18:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	192	F1	4.98	0.855	mg/Kg			06/22/22 09:34	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-66

Lab Sample ID: 890-2415-23

Date Collected: 06/14/22 09:53

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

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		06/17/22 16:28	06/21/22 03:06	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg		06/17/22 16:28	06/21/22 03:06	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg		06/17/22 16:28	06/21/22 03:06	1
m,p-Xylenes	<0.00101	U	0.00399	0.00101	mg/Kg		06/17/22 16:28	06/21/22 03:06	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg		06/17/22 16:28	06/21/22 03:06	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		06/17/22 16:28	06/21/22 03:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	06/17/22 16:28	06/21/22 03:06	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/17/22 16:28	06/21/22 03:06	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg			06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	46.4	J	50.0	15.0	mg/Kg			06/17/22 08:50	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	24.0	J *1	50.0	15.0	mg/Kg		06/16/22 08:31	06/16/22 18:53	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/16/22 08:31	06/16/22 18:53	1
Oil Range Organics (Over C28-C36)	22.4	J B	50.0	15.0	mg/Kg		06/16/22 08:31	06/16/22 18:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130	06/16/22 08:31	06/16/22 18:53	1
o-Terphenyl	89		70 - 130	06/16/22 08:31	06/16/22 18:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	104		5.00	0.858	mg/Kg			06/22/22 10:02	1

Client Sample ID: B-67

Lab Sample ID: 890-2415-24

Date Collected: 06/14/22 10:00

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 3.5

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		06/17/22 16:28	06/21/22 03:26	1
Toluene	<0.000453	U	0.00199	0.000453	mg/Kg		06/17/22 16:28	06/21/22 03:26	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg		06/17/22 16:28	06/21/22 03:26	1
m,p-Xylenes	<0.00100	U	0.00398	0.00100	mg/Kg		06/17/22 16:28	06/21/22 03:26	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg		06/17/22 16:28	06/21/22 03:26	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg		06/17/22 16:28	06/21/22 03:26	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-67

Lab Sample ID: 890-2415-24

Date Collected: 06/14/22 10:00

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 3.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	06/17/22 16:28	06/21/22 03:26	1
1,4-Difluorobenzene (Surr)	99		70 - 130	06/17/22 16:28	06/21/22 03:26	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00398	0.00100	mg/Kg			06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	59.5		49.8	14.9	mg/Kg			06/17/22 08:50	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	39.8	J *1	49.8	14.9	mg/Kg		06/16/22 08:31	06/16/22 19:14	1
Diesel Range Organics (Over C10-C28)	<14.9	U	49.8	14.9	mg/Kg		06/16/22 08:31	06/16/22 19:14	1
Oil Range Organics (Over C28-C36)	19.7	J B	49.8	14.9	mg/Kg		06/16/22 08:31	06/16/22 19:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				06/16/22 08:31	06/16/22 19:14	1
o-Terphenyl	94		70 - 130				06/16/22 08:31	06/16/22 19:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	128		4.96	0.851	mg/Kg			06/22/22 10:11	1

Client Sample ID: B-68

Lab Sample ID: 890-2415-25

Date Collected: 06/14/22 10:10

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 3.5

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		06/17/22 16:28	06/21/22 04:49	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg		06/17/22 16:28	06/21/22 04:49	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg		06/17/22 16:28	06/21/22 04:49	1
m,p-Xylenes	<0.00101	U	0.00399	0.00101	mg/Kg		06/17/22 16:28	06/21/22 04:49	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg		06/17/22 16:28	06/21/22 04:49	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		06/17/22 16:28	06/21/22 04:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				06/17/22 16:28	06/21/22 04:49	1
1,4-Difluorobenzene (Surr)	99		70 - 130				06/17/22 16:28	06/21/22 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	0.00399	0.00101	mg/Kg			06/21/22 10:44	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-68

Lab Sample ID: 890-2415-25

Date Collected: 06/14/22 10:10

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 3.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	35.6	J	50.0	15.0	mg/Kg			06/17/22 08:50	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	18.2	J *1	50.0	15.0	mg/Kg		06/16/22 08:31	06/16/22 19:36	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/16/22 08:31	06/16/22 19:36	1
Oil Range Organics (Over C28-C36)	17.4	J B	50.0	15.0	mg/Kg		06/16/22 08:31	06/16/22 19:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				06/16/22 08:31	06/16/22 19:36	1
o-Terphenyl	86		70 - 130				06/16/22 08:31	06/16/22 19:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		5.04	0.865	mg/Kg			06/22/22 10:20	1

Client Sample ID: B-69

Lab Sample ID: 890-2415-26

Date Collected: 06/14/22 13:20

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

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		06/17/22 16:28	06/21/22 05:10	1
Toluene	<0.000454	U	0.00199	0.000454	mg/Kg		06/17/22 16:28	06/21/22 05:10	1
Ethylbenzene	<0.000563	U	0.00199	0.000563	mg/Kg		06/17/22 16:28	06/21/22 05:10	1
m,p-Xylenes	<0.00101	U	0.00398	0.00101	mg/Kg		06/17/22 16:28	06/21/22 05:10	1
o-Xylene	<0.000343	U	0.00199	0.000343	mg/Kg		06/17/22 16:28	06/21/22 05:10	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg		06/17/22 16:28	06/21/22 05:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				06/17/22 16:28	06/21/22 05:10	1
1,4-Difluorobenzene (Surr)	101		70 - 130				06/17/22 16:28	06/21/22 05:10	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00398	0.00101	mg/Kg			06/21/22 10:44	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			06/17/22 08:50	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		06/16/22 08:32	06/16/22 17:25	1
Diesel Range Organics (Over C10-C28)	19.9	J	50.0	15.0	mg/Kg		06/16/22 08:32	06/16/22 17:25	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/16/22 08:32	06/16/22 17:25	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-69

Date Collected: 06/14/22 13:20

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

Lab Sample ID: 890-2415-26

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130	06/16/22 08:32	06/16/22 17:25	1
o-Terphenyl	78		70 - 130	06/16/22 08:32	06/16/22 17:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.7		4.95	0.850	mg/Kg			06/22/22 10:29	1

Client Sample ID: B-70

Date Collected: 06/14/22 13:27

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

Lab Sample ID: 890-2415-27

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		06/17/22 16:28	06/21/22 05:30	1
Toluene	<0.000453	U	0.00199	0.000453	mg/Kg		06/17/22 16:28	06/21/22 05:30	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg		06/17/22 16:28	06/21/22 05:30	1
m,p-Xylenes	<0.00100	U	0.00398	0.00100	mg/Kg		06/17/22 16:28	06/21/22 05:30	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg		06/17/22 16:28	06/21/22 05:30	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg		06/17/22 16:28	06/21/22 05:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	06/17/22 16:28	06/21/22 05:30	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/17/22 16:28	06/21/22 05:30	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00398	0.00100	mg/Kg			06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	18.5	J	50.0	15.0	mg/Kg			06/17/22 08:50	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		06/16/22 08:32	06/16/22 17:47	1
Diesel Range Organics (Over C10-C28)	18.5	J	50.0	15.0	mg/Kg		06/16/22 08:32	06/16/22 17:47	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/16/22 08:32	06/16/22 17:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	06/16/22 08:32	06/16/22 17:47	1
o-Terphenyl	82		70 - 130	06/16/22 08:32	06/16/22 17:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	136		4.95	0.850	mg/Kg			06/22/22 10:57	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-71

Lab Sample ID: 890-2415-28

Date Collected: 06/14/22 13:30

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 3.5

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	-	06/17/22 16:28	06/21/22 05:51	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg	-	06/17/22 16:28	06/21/22 05:51	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg	-	06/17/22 16:28	06/21/22 05:51	1
m,p-Xylenes	<0.00101	U	0.00399	0.00101	mg/Kg	-	06/17/22 16:28	06/21/22 05:51	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg	-	06/17/22 16:28	06/21/22 05:51	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg	-	06/17/22 16:28	06/21/22 05:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	06/17/22 16:28	06/21/22 05:51	1
1,4-Difluorobenzene (Surr)	103		70 - 130	06/17/22 16:28	06/21/22 05:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg	-		06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	21.9	J	49.9	15.0	mg/Kg	-		06/17/22 08:50	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	-	06/16/22 08:32	06/16/22 18:09	1
Diesel Range Organics (Over C10-C28)	21.9	J	49.9	15.0	mg/Kg	-	06/16/22 08:32	06/16/22 18:09	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg	-	06/16/22 08:32	06/16/22 18:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130	06/16/22 08:32	06/16/22 18:09	1
o-Terphenyl	75		70 - 130	06/16/22 08:32	06/16/22 18:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	313		5.01	0.860	mg/Kg	-		06/22/22 11:06	1

Client Sample ID: B-72

Lab Sample ID: 890-2415-29

Date Collected: 06/14/22 13:35

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 3.5

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	-	06/17/22 16:28	06/21/22 06:12	1
Toluene	<0.000454	U	0.00199	0.000454	mg/Kg	-	06/17/22 16:28	06/21/22 06:12	1
Ethylbenzene	<0.000563	U	0.00199	0.000563	mg/Kg	-	06/17/22 16:28	06/21/22 06:12	1
m,p-Xylenes	<0.00101	U	0.00398	0.00101	mg/Kg	-	06/17/22 16:28	06/21/22 06:12	1
o-Xylene	<0.000343	U	0.00199	0.000343	mg/Kg	-	06/17/22 16:28	06/21/22 06:12	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg	-	06/17/22 16:28	06/21/22 06:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	06/17/22 16:28	06/21/22 06:12	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-72

Lab Sample ID: 890-2415-29

Date Collected: 06/14/22 13:35

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 3.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	06/17/22 16:28	06/21/22 06:12	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00398	0.00101	mg/Kg			06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	28.4	J	49.9	15.0	mg/Kg			06/17/22 08:50	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		06/16/22 08:32	06/16/22 18:31	1
Diesel Range Organics (Over C10-C28)	28.4	J	49.9	15.0	mg/Kg		06/16/22 08:32	06/16/22 18:31	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		06/16/22 08:32	06/16/22 18:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				06/16/22 08:32	06/16/22 18:31	1
o-Terphenyl	75		70 - 130				06/16/22 08:32	06/16/22 18:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	263		4.99	0.857	mg/Kg			06/22/22 11:15	1

Client Sample ID: B-73

Lab Sample ID: 890-2415-30

Date Collected: 06/14/22 13:39

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

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		06/17/22 16:28	06/21/22 06:32	1
Toluene	<0.000453	U	0.00199	0.000453	mg/Kg		06/17/22 16:28	06/21/22 06:32	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg		06/17/22 16:28	06/21/22 06:32	1
m,p-Xylenes	<0.00100	U	0.00398	0.00100	mg/Kg		06/17/22 16:28	06/21/22 06:32	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg		06/17/22 16:28	06/21/22 06:32	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg		06/17/22 16:28	06/21/22 06:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	06/17/22 16:28	06/21/22 06:32	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/17/22 16:28	06/21/22 06:32	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00398	0.00100	mg/Kg			06/21/22 10:44	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			06/17/22 08:50	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-73

Date Collected: 06/14/22 13:39

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

Lab Sample ID: 890-2415-30

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	-	06/16/22 08:32	06/16/22 18:53	1
Diesel Range Organics (Over C10-C28)	24.4	J	50.0	15.0	mg/Kg	-	06/16/22 08:32	06/16/22 18:53	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	06/16/22 08:32	06/16/22 18:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				06/16/22 08:32	06/16/22 18:53	1
o-Terphenyl	78		70 - 130				06/16/22 08:32	06/16/22 18:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		4.98	0.855	mg/Kg	-		06/22/22 11:25	1

Client Sample ID: B-74

Date Collected: 06/14/22 13:40

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

Lab Sample ID: 890-2415-31

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	-	06/17/22 16:28	06/21/22 06:53	1
Toluene	<0.000457	U	0.00200	0.000457	mg/Kg	-	06/17/22 16:28	06/21/22 06:53	1
Ethylbenzene	<0.000566	U	0.00200	0.000566	mg/Kg	-	06/17/22 16:28	06/21/22 06:53	1
m,p-Xylenes	0.00114	J	0.00401	0.00101	mg/Kg	-	06/17/22 16:28	06/21/22 06:53	1
o-Xylene	<0.000345	U	0.00200	0.000345	mg/Kg	-	06/17/22 16:28	06/21/22 06:53	1
Xylenes, Total	0.00114	J	0.00401	0.00101	mg/Kg	-	06/17/22 16:28	06/21/22 06:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				06/17/22 16:28	06/21/22 06:53	1
1,4-Difluorobenzene (Surr)	106		70 - 130				06/17/22 16:28	06/21/22 06:53	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00114	J	0.00401	0.00101	mg/Kg	-		06/21/22 10:44	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	49.9	15.0	mg/Kg	-		06/17/22 08:50	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	-	06/16/22 08:32	06/16/22 19:14	1
Diesel Range Organics (Over C10-C28)	32.3	J	49.9	15.0	mg/Kg	-	06/16/22 08:32	06/16/22 19:14	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg	-	06/16/22 08:32	06/16/22 19:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				06/16/22 08:32	06/16/22 19:14	1
o-Terphenyl	80		70 - 130				06/16/22 08:32	06/16/22 19:14	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-74

Date Collected: 06/14/22 13:40

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

Lab Sample ID: 890-2415-31

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		5.00	0.858	mg/Kg			06/22/22 11:34	1

Client Sample ID: B-75

Date Collected: 06/14/22 13:42

Date Received: 06/15/22 10:53

Sample Depth: 0 - 3.5

Lab Sample ID: 890-2415-32

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		06/17/22 16:28	06/21/22 07:14	1
Toluene	<0.000459	U	0.00201	0.000459	mg/Kg		06/17/22 16:28	06/21/22 07:14	1
Ethylbenzene	<0.000568	U	0.00201	0.000568	mg/Kg		06/17/22 16:28	06/21/22 07:14	1
m,p-Xylenes	<0.00102	U	0.00402	0.00102	mg/Kg		06/17/22 16:28	06/21/22 07:14	1
o-Xylene	<0.000346	U	0.00201	0.000346	mg/Kg		06/17/22 16:28	06/21/22 07:14	1
Xylenes, Total	<0.00102	U	0.00402	0.00102	mg/Kg		06/17/22 16:28	06/21/22 07:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				06/17/22 16:28	06/21/22 07:14	1
1,4-Difluorobenzene (Surr)	104		70 - 130				06/17/22 16:28	06/21/22 07:14	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00102	U	0.00402	0.00102	mg/Kg			06/21/22 10:44	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	49.9	15.0	mg/Kg			06/17/22 08:50	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		06/16/22 08:32	06/16/22 19:36	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		06/16/22 08:32	06/16/22 19:36	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		06/16/22 08:32	06/16/22 19:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				06/16/22 08:32	06/16/22 19:36	1
o-Terphenyl	0.09	S1-	70 - 130				06/16/22 08:32	06/16/22 19:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.5	F1	4.99	0.857	mg/Kg			06/22/22 11:43	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-76

Lab Sample ID: 890-2415-33

Date Collected: 06/14/22 13:48

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 3.5

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	-	06/17/22 16:28	06/21/22 07:34	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg	-	06/17/22 16:28	06/21/22 07:34	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg	-	06/17/22 16:28	06/21/22 07:34	1
m,p-Xylenes	<0.00101	U	0.00399	0.00101	mg/Kg	-	06/17/22 16:28	06/21/22 07:34	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg	-	06/17/22 16:28	06/21/22 07:34	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg	-	06/17/22 16:28	06/21/22 07:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	06/17/22 16:28	06/21/22 07:34	1
1,4-Difluorobenzene (Surr)	104		70 - 130	06/17/22 16:28	06/21/22 07:34	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg	-		06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	60.0		49.8	14.9	mg/Kg	-		06/17/22 08:50	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	33.3	J	49.8	14.9	mg/Kg	-	06/16/22 14:26	06/17/22 02:38	1
Diesel Range Organics (Over C10-C28)	26.7	J	49.8	14.9	mg/Kg	-	06/16/22 14:26	06/17/22 02:38	1
Oil Range Organics (Over C28-C36)	<14.9	U	49.8	14.9	mg/Kg	-	06/16/22 14:26	06/17/22 02:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	06/16/22 14:26	06/17/22 02:38	1
o-Terphenyl	80		70 - 130	06/16/22 14:26	06/17/22 02:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.6		5.01	0.860	mg/Kg	-		06/22/22 12:11	1

Client Sample ID: B-77

Lab Sample ID: 890-2415-34

Date Collected: 06/14/22 13:54

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 3.5

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	-	06/17/22 16:28	06/21/22 07:55	1
Toluene	<0.000454	U	0.00199	0.000454	mg/Kg	-	06/17/22 16:28	06/21/22 07:55	1
Ethylbenzene	<0.000563	U	0.00199	0.000563	mg/Kg	-	06/17/22 16:28	06/21/22 07:55	1
m,p-Xylenes	<0.00101	U	0.00398	0.00101	mg/Kg	-	06/17/22 16:28	06/21/22 07:55	1
o-Xylene	<0.000343	U	0.00199	0.000343	mg/Kg	-	06/17/22 16:28	06/21/22 07:55	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg	-	06/17/22 16:28	06/21/22 07:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	06/17/22 16:28	06/21/22 07:55	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-77

Lab Sample ID: 890-2415-34

Date Collected: 06/14/22 13:54

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 3.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	107		70 - 130	06/17/22 16:28	06/21/22 07:55	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00398	0.00101	mg/Kg			06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	52.1		50.0	15.0	mg/Kg			06/17/22 08:50	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		06/16/22 14:26	06/17/22 02:59	1
Diesel Range Organics (Over C10-C28)	31.0	J	50.0	15.0	mg/Kg		06/16/22 14:26	06/17/22 02:59	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/16/22 14:26	06/17/22 02:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				06/16/22 14:26	06/17/22 02:59	1
o-Terphenyl	79		70 - 130				06/16/22 14:26	06/17/22 02:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		5.05	0.867	mg/Kg			06/22/22 12:48	1

Client Sample ID: B-78

Lab Sample ID: 890-2415-35

Date Collected: 06/14/22 13:57

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

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		06/17/22 16:37	06/21/22 00:46	1
Toluene	<0.000457	U	0.00200	0.000457	mg/Kg		06/17/22 16:37	06/21/22 00:46	1
Ethylbenzene	<0.000566	U	0.00200	0.000566	mg/Kg		06/17/22 16:37	06/21/22 00:46	1
m,p-Xylenes	<0.00101	U	0.00401	0.00101	mg/Kg		06/17/22 16:37	06/21/22 00:46	1
o-Xylene	<0.000345	U	0.00200	0.000345	mg/Kg		06/17/22 16:37	06/21/22 00:46	1
Xylenes, Total	<0.00101	U	0.00401	0.00101	mg/Kg		06/17/22 16:37	06/21/22 00:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	06/17/22 16:37	06/21/22 00:46	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/17/22 16:37	06/21/22 00:46	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00401	0.00101	mg/Kg			06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	30.9	J	49.9	15.0	mg/Kg			06/17/22 08:50	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-78

Date Collected: 06/14/22 13:57

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

Lab Sample ID: 890-2415-35

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		06/16/22 14:26	06/17/22 03:20	1
Diesel Range Organics (Over C10-C28)	30.9	J	49.9	15.0	mg/Kg		06/16/22 14:26	06/17/22 03:20	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		06/16/22 14:26	06/17/22 03:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				06/16/22 14:26	06/17/22 03:20	1
o-Terphenyl	81		70 - 130				06/16/22 14:26	06/17/22 03:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	143		4.98	0.855	mg/Kg			06/22/22 13:15	1

Client Sample ID: B-79

Date Collected: 06/14/22 14:00

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

Lab Sample ID: 890-2415-36

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		06/17/22 16:37	06/21/22 01:07	1
Toluene	<0.000458	U	0.00201	0.000458	mg/Kg		06/17/22 16:37	06/21/22 01:07	1
Ethylbenzene	<0.000567	U	0.00201	0.000567	mg/Kg		06/17/22 16:37	06/21/22 01:07	1
m,p-Xylenes	<0.00101	U	0.00402	0.00101	mg/Kg		06/17/22 16:37	06/21/22 01:07	1
o-Xylene	<0.000345	U	0.00201	0.000345	mg/Kg		06/17/22 16:37	06/21/22 01:07	1
Xylenes, Total	<0.00101	U	0.00402	0.00101	mg/Kg		06/17/22 16:37	06/21/22 01:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				06/17/22 16:37	06/21/22 01:07	1
1,4-Difluorobenzene (Surr)	93		70 - 130				06/17/22 16:37	06/21/22 01:07	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00402	0.00101	mg/Kg			06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	46.8	J	50.0	15.0	mg/Kg			06/17/22 08:50	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	19.3	J	50.0	15.0	mg/Kg		06/16/22 14:26	06/17/22 03:41	1
Diesel Range Organics (Over C10-C28)	27.5	J	50.0	15.0	mg/Kg		06/16/22 14:26	06/17/22 03:41	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/16/22 14:26	06/17/22 03:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				06/16/22 14:26	06/17/22 03:41	1
o-Terphenyl	81		70 - 130				06/16/22 14:26	06/17/22 03:41	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-79

Date Collected: 06/14/22 14:00

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

Lab Sample ID: 890-2415-36

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	48.1		4.95	0.850	mg/Kg			06/22/22 13:25	1

Client Sample ID: B-80

Date Collected: 06/14/22 14:10

Date Received: 06/15/22 10:53

Sample Depth: 0 - 3.5

Lab Sample ID: 890-2415-37

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		06/17/22 16:37	06/21/22 01:27	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg		06/17/22 16:37	06/21/22 01:27	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg		06/17/22 16:37	06/21/22 01:27	1
m,p-Xylenes	<0.00101	U	0.00399	0.00101	mg/Kg		06/17/22 16:37	06/21/22 01:27	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg		06/17/22 16:37	06/21/22 01:27	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		06/17/22 16:37	06/21/22 01:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				06/17/22 16:37	06/21/22 01:27	1
1,4-Difluorobenzene (Surr)	91		70 - 130				06/17/22 16:37	06/21/22 01:27	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg			06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	48.2	J	50.0	15.0	mg/Kg			06/17/22 08:50	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	16.8	J	50.0	15.0	mg/Kg		06/16/22 14:26	06/17/22 04:02	1
Diesel Range Organics (Over C10-C28)	31.4	J	50.0	15.0	mg/Kg		06/16/22 14:26	06/17/22 04:02	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/16/22 14:26	06/17/22 04:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				06/16/22 14:26	06/17/22 04:02	1
o-Terphenyl	90		70 - 130				06/16/22 14:26	06/17/22 04:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	106		4.96	0.851	mg/Kg			06/22/22 13:34	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-81

Lab Sample ID: 890-2415-38

Date Collected: 06/14/22 14:23

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

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	-	06/17/22 16:37	06/21/22 01:48	1
Toluene	0.000520	J	0.00199	0.000453	mg/Kg	-	06/17/22 16:37	06/21/22 01:48	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg	-	06/17/22 16:37	06/21/22 01:48	1
m,p-Xylenes	<0.00100	U	0.00398	0.00100	mg/Kg	-	06/17/22 16:37	06/21/22 01:48	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg	-	06/17/22 16:37	06/21/22 01:48	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg	-	06/17/22 16:37	06/21/22 01:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	151	S1+	70 - 130	06/17/22 16:37	06/21/22 01:48	1
1,4-Difluorobenzene (Surr)	117		70 - 130	06/17/22 16:37	06/21/22 01:48	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00398	0.00100	mg/Kg	-		06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	28.1	J	50.0	15.0	mg/Kg	-		06/17/22 08:50	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	-	06/16/22 14:26	06/17/22 04:23	1
Diesel Range Organics (Over C10-C28)	28.1	J	50.0	15.0	mg/Kg	-	06/16/22 14:26	06/17/22 04:23	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	06/16/22 14:26	06/17/22 04:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	06/16/22 14:26	06/17/22 04:23	1
o-Terphenyl	82		70 - 130	06/16/22 14:26	06/17/22 04:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.6		5.02	0.862	mg/Kg	-		06/22/22 13:43	1

Client Sample ID: B-82

Lab Sample ID: 890-2415-39

Date Collected: 06/14/22 14:20

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 3.5

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	-	06/17/22 16:37	06/21/22 02:08	1
Toluene	<0.000454	U	0.00199	0.000454	mg/Kg	-	06/17/22 16:37	06/21/22 02:08	1
Ethylbenzene	<0.000563	U	0.00199	0.000563	mg/Kg	-	06/17/22 16:37	06/21/22 02:08	1
m,p-Xylenes	<0.00101	U	0.00398	0.00101	mg/Kg	-	06/17/22 16:37	06/21/22 02:08	1
o-Xylene	<0.000343	U	0.00199	0.000343	mg/Kg	-	06/17/22 16:37	06/21/22 02:08	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg	-	06/17/22 16:37	06/21/22 02:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	06/17/22 16:37	06/21/22 02:08	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-82

Lab Sample ID: 890-2415-39

Date Collected: 06/14/22 14:20

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 3.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	91		70 - 130	06/17/22 16:37	06/21/22 02:08	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00398	0.00101	mg/Kg			06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	55.7		50.0	15.0	mg/Kg			06/17/22 08:50	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	26.1	J *1	50.0	15.0	mg/Kg		06/16/22 15:34	06/17/22 01:02	1
Diesel Range Organics (Over C10-C28)	29.6	J	50.0	15.0	mg/Kg		06/16/22 15:34	06/17/22 01:02	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/16/22 15:34	06/17/22 01:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	06/16/22 15:34	06/17/22 01:02	1
o-Terphenyl	104		70 - 130	06/16/22 15:34	06/17/22 01:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	103		5.00	0.858	mg/Kg			06/22/22 13:52	1

Client Sample ID: B-83

Lab Sample ID: 890-2415-40

Date Collected: 06/14/22 14:22

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

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		06/17/22 16:37	06/21/22 02:28	1
Toluene	<0.000453	U	0.00199	0.000453	mg/Kg		06/17/22 16:37	06/21/22 02:28	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg		06/17/22 16:37	06/21/22 02:28	1
m,p-Xylenes	<0.00100	U	0.00398	0.00100	mg/Kg		06/17/22 16:37	06/21/22 02:28	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg		06/17/22 16:37	06/21/22 02:28	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg		06/17/22 16:37	06/21/22 02:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	06/17/22 16:37	06/21/22 02:28	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/17/22 16:37	06/21/22 02:28	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00398	0.00100	mg/Kg			06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	38.9	J	49.8	14.9	mg/Kg			06/17/22 08:50	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-83

Lab Sample ID: 890-2415-40

Date Collected: 06/14/22 14:22

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

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	23.1	J *1	49.8	14.9	mg/Kg	-	06/16/22 15:34	06/17/22 01:24	1
Diesel Range Organics (Over C10-C28)	15.8	J	49.8	14.9	mg/Kg	-	06/16/22 15:34	06/17/22 01:24	1
Oil Range Organics (Over C28-C36)	<14.9	U	49.8	14.9	mg/Kg	-	06/16/22 15:34	06/17/22 01:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				06/16/22 15:34	06/17/22 01:24	1
o-Terphenyl	105		70 - 130				06/16/22 15:34	06/17/22 01:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.6		5.00	0.858	mg/Kg	-		06/22/22 14:01	1

Client Sample ID: B-84

Lab Sample ID: 890-2415-41

Date Collected: 06/14/22 14:25

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 3.5

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	-	06/17/22 16:37	06/21/22 02:49	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg	-	06/17/22 16:37	06/21/22 02:49	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg	-	06/17/22 16:37	06/21/22 02:49	1
m,p-Xylenes	<0.00101	U	0.00399	0.00101	mg/Kg	-	06/17/22 16:37	06/21/22 02:49	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg	-	06/17/22 16:37	06/21/22 02:49	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg	-	06/17/22 16:37	06/21/22 02:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				06/17/22 16:37	06/21/22 02:49	1
1,4-Difluorobenzene (Surr)	91		70 - 130				06/17/22 16:37	06/21/22 02:49	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg	-		06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	49.6	J	50.0	15.0	mg/Kg	-		06/17/22 08:50	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	23.2	J *1	50.0	15.0	mg/Kg	-	06/16/22 15:34	06/17/22 01:45	1
Diesel Range Organics (Over C10-C28)	26.4	J	50.0	15.0	mg/Kg	-	06/16/22 15:34	06/17/22 01:45	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	06/16/22 15:34	06/17/22 01:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				06/16/22 15:34	06/17/22 01:45	1
o-Terphenyl	104		70 - 130				06/16/22 15:34	06/17/22 01:45	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-84

Date Collected: 06/14/22 14:25

Date Received: 06/15/22 10:53

Sample Depth: 0 - 3.5

Lab Sample ID: 890-2415-41

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	74.4		4.95	0.850	mg/Kg			06/22/22 14:11	1

Client Sample ID: B-85

Date Collected: 06/14/22 14:30

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

Lab Sample ID: 890-2415-42

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		06/17/22 16:37	06/21/22 03:09	1
Toluene	<0.000457	U	0.00200	0.000457	mg/Kg		06/17/22 16:37	06/21/22 03:09	1
Ethylbenzene	<0.000566	U	0.00200	0.000566	mg/Kg		06/17/22 16:37	06/21/22 03:09	1
m,p-Xylenes	<0.00101	U	0.00401	0.00101	mg/Kg		06/17/22 16:37	06/21/22 03:09	1
o-Xylene	<0.000345	U	0.00200	0.000345	mg/Kg		06/17/22 16:37	06/21/22 03:09	1
Xylenes, Total	<0.00101	U	0.00401	0.00101	mg/Kg		06/17/22 16:37	06/21/22 03:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				06/17/22 16:37	06/21/22 03:09	1
1,4-Difluorobenzene (Surr)	90		70 - 130				06/17/22 16:37	06/21/22 03:09	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00401	0.00101	mg/Kg			06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	51.6		49.9	15.0	mg/Kg			06/17/22 08:50	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	25.6	J *1	49.9	15.0	mg/Kg		06/16/22 15:34	06/17/22 02:07	1
Diesel Range Organics (Over C10-C28)	26.0	J	49.9	15.0	mg/Kg		06/16/22 15:34	06/17/22 02:07	1
OII Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		06/16/22 15:34	06/17/22 02:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				06/16/22 15:34	06/17/22 02:07	1
o-Terphenyl	110		70 - 130				06/16/22 15:34	06/17/22 02:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	149		4.97	0.853	mg/Kg			06/23/22 07:34	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-86

Lab Sample ID: 890-2415-43

Date Collected: 06/14/22 14:50

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 4

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	-	06/17/22 16:37	06/21/22 03:30	1
Toluene	<0.000460	U	0.00202	0.000460	mg/Kg	-	06/17/22 16:37	06/21/22 03:30	1
Ethylbenzene	<0.000570	U	0.00202	0.000570	mg/Kg	-	06/17/22 16:37	06/21/22 03:30	1
m,p-Xylenes	<0.00102	U	0.00403	0.00102	mg/Kg	-	06/17/22 16:37	06/21/22 03:30	1
o-Xylene	<0.000347	U	0.00202	0.000347	mg/Kg	-	06/17/22 16:37	06/21/22 03:30	1
Xylenes, Total	<0.00102	U	0.00403	0.00102	mg/Kg	-	06/17/22 16:37	06/21/22 03:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	06/17/22 16:37	06/21/22 03:30	1
1,4-Difluorobenzene (Surr)	92		70 - 130	06/17/22 16:37	06/21/22 03:30	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00102	U	0.00403	0.00102	mg/Kg	-		06/21/22 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	109		50.0	15.0	mg/Kg	-		06/17/22 08:50	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	23.7	J *1	50.0	15.0	mg/Kg	-	06/16/22 15:34	06/17/22 02:28	1
Diesel Range Organics (Over C10-C28)	85.1		50.0	15.0	mg/Kg	-	06/16/22 15:34	06/17/22 02:28	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	06/16/22 15:34	06/17/22 02:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	06/16/22 15:34	06/17/22 02:28	1
o-Terphenyl	102		70 - 130	06/16/22 15:34	06/17/22 02:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	386		4.95	0.850	mg/Kg	-		06/23/22 07:44	1

Client Sample ID: B-87

Lab Sample ID: 890-2415-44

Date Collected: 06/14/22 15:00

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 3.5

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	-	06/17/22 16:37	06/21/22 03:50	1
Toluene	<0.000458	U	0.00201	0.000458	mg/Kg	-	06/17/22 16:37	06/21/22 03:50	1
Ethylbenzene	<0.000567	U	0.00201	0.000567	mg/Kg	-	06/17/22 16:37	06/21/22 03:50	1
m,p-Xylenes	<0.00101	U	0.00402	0.00101	mg/Kg	-	06/17/22 16:37	06/21/22 03:50	1
o-Xylene	<0.000345	U	0.00201	0.000345	mg/Kg	-	06/17/22 16:37	06/21/22 03:50	1
Xylenes, Total	<0.00101	U	0.00402	0.00101	mg/Kg	-	06/17/22 16:37	06/21/22 03:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	06/17/22 16:37	06/21/22 03:50	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-87

Lab Sample ID: 890-2415-44

Date Collected: 06/14/22 15:00

Matrix: Solid

Date Received: 06/15/22 10:53

Sample Depth: 0 - 3.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	89		70 - 130	06/17/22 16:37	06/21/22 03:50	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00402	0.00101	mg/Kg	-		06/21/22 10:44	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	49.9	15.0	mg/Kg	-		06/17/22 08:50	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	25.0	J *1	49.9	15.0	mg/Kg	-	06/16/22 15:34	06/17/22 03:11	1
Diesel Range Organics (Over C10-C28)	16.7	J	49.9	15.0	mg/Kg	-	06/16/22 15:34	06/17/22 03:11	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg	-	06/16/22 15:34	06/17/22 03:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	06/16/22 15:34	06/17/22 03:11	1
o-Terphenyl	103		70 - 130	06/16/22 15:34	06/17/22 03:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49.5		5.01	0.860	mg/Kg	-		06/23/22 07:53	1

Eurofins Carlsbad

Surrogate Summary

Client: Ranger Environmental Services, Inc
 Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
 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)
890-2415-1	B-44	131 S1+	95
890-2415-2	B-45	128	90
890-2415-3	B-46	129	88
890-2415-4	B-47	128	97
890-2415-5	B-48	128	95
890-2415-6	B-49	132 S1+	89
890-2415-7	B-50	128	92
890-2415-8	B-51	126	88
890-2415-9	B-52	121	97
890-2415-10	B-53	126	89
890-2415-11	B-54	138 S1+	92
890-2415-12	B-55	129	90
890-2415-13	B-56	132 S1+	96
890-2415-14	B-57	136 S1+	92
890-2415-15	B-58	101	103
890-2415-15 MS	B-58	96	109
890-2415-15 MSD	B-58	111	98
890-2415-16	B-59	127	95
890-2415-17	B-60	98	99
890-2415-18	B-61	106	103
890-2415-19	B-62	104	103
890-2415-20	B-63	103	100
890-2415-21	B-64	102	101
890-2415-22	B-65	103	97
890-2415-23	B-66	100	101
890-2415-24	B-67	108	99
890-2415-25	B-68	98	99
890-2415-26	B-69	97	101
890-2415-27	B-70	110	101
890-2415-28	B-71	103	103
890-2415-29	B-72	108	100
890-2415-30	B-73	98	97
890-2415-31	B-74	105	106
890-2415-32	B-75	97	104
890-2415-33	B-76	97	104
890-2415-34	B-77	99	107
890-2415-35	B-78	112	93
890-2415-35 MS	B-78	112	100
890-2415-35 MSD	B-78	112	96
890-2415-36	B-79	115	93
890-2415-37	B-80	116	91
890-2415-38	B-81	151 S1+	117
890-2415-39	B-82	117	91
890-2415-40	B-83	118	93
890-2415-41	B-84	117	91
890-2415-42	B-85	113	90
890-2415-43	B-86	118	92
890-2415-44	B-87	112	89
LCS 880-27836/1-A	Lab Control Sample	113	104

Eurofins Carlsbad

Surrogate Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
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)
LCS 880-27841/1-A	Lab Control Sample	94	107
LCS 880-27842/1-A	Lab Control Sample	111	99
LCSD 880-27836/2-A	Lab Control Sample Dup	115	90
LCSD 880-27841/2-A	Lab Control Sample Dup	106	97
LCSD 880-27842/2-A	Lab Control Sample Dup	112	101
MB 880-27836/5-A	Method Blank	93	89
MB 880-27841/5-A	Method Blank	97	104
MB 880-27842/5-A	Method Blank	105	91
MB 880-27878/5-A	Method Blank	99	91
MB 880-27897/5-A	Method Blank	91	109
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)
890-2415-1	B-44	95	98
890-2415-1 MS	B-44	79	73
890-2415-1 MSD	B-44	83	77
890-2415-2	B-45	92	101
890-2415-3	B-46	85	88
890-2415-4	B-47	88	91
890-2415-5	B-48	88	92
890-2415-6	B-49	86	89
890-2415-7	B-50	94	99
890-2415-8	B-51	90	88
890-2415-9	B-52	87	86
890-2415-10	B-53	100	101
890-2415-11	B-54	85	86
890-2415-12	B-55	85	85
890-2415-13	B-56	82	82
890-2415-14	B-57	106	111
890-2415-15	B-58	85	88
890-2415-16	B-59	84	83
890-2415-17	B-60	97	100
890-2415-18	B-61	100	102
890-2415-19	B-62	96	96
890-2415-20	B-63	85	84
890-2415-21	B-64	84	84
890-2415-22	B-65	96	96
890-2415-23	B-66	87	89
890-2415-24	B-67	93	94
890-2415-25	B-68	85	86
890-2415-26	B-69	77	78
890-2415-27	B-70	81	82
890-2415-28	B-71	76	75

Eurofins Carlsbad

Surrogate Summary

Client: Ranger Environmental Services, Inc
 Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
 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)
890-2415-29	B-72	79	75
890-2415-30	B-73	79	78
890-2415-31	B-74	80	80
890-2415-32	B-75	76	0.09 S1-
890-2415-33	B-76	81	80
890-2415-34	B-77	79	79
890-2415-35	B-78	81	81
890-2415-36	B-79	81	81
890-2415-37	B-80	90	90
890-2415-38	B-81	80	82
890-2415-39	B-82	98	104
890-2415-40	B-83	100	105
890-2415-41	B-84	98	104
890-2415-42	B-85	106	110
890-2415-43	B-86	95	102
890-2415-44	B-87	97	103
LCS 880-27655/2-A	Lab Control Sample	94	96
LCS 880-27656/2-A	Lab Control Sample	90	85
LCS 880-27704/2-A	Lab Control Sample	98	100
LCS 880-27706/2-A	Lab Control Sample	100	12 S1-
LCS 880-27720/2-A	Lab Control Sample	99	109
LCSD 880-27655/3-A	Lab Control Sample Dup	88	90
LCSD 880-27656/3-A	Lab Control Sample Dup	98	12 S1-
LCSD 880-27704/3-A	Lab Control Sample Dup	105	107
LCSD 880-27706/3-A	Lab Control Sample Dup	95	12 S1-
LCSD 880-27720/3-A	Lab Control Sample Dup	107	117
MB 880-27655/1-A	Method Blank	84	95
MB 880-27656/1-A	Method Blank	84	0.05 S1-
MB 880-27704/1-A	Method Blank	100	113
MB 880-27706/1-A	Method Blank	88	0.06 S1-
MB 880-27720/1-A	Method Blank	97	109

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-27836/5-A

Matrix: Solid

Analysis Batch: 27881

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27836

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		06/17/22 16:16	06/20/22 12:57	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		06/17/22 16:16	06/20/22 12:57	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		06/17/22 16:16	06/20/22 12:57	1
m,p-Xylenes	<0.00101	U	0.00400	0.00101	mg/Kg		06/17/22 16:16	06/20/22 12:57	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		06/17/22 16:16	06/20/22 12:57	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		06/17/22 16:16	06/20/22 12:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	06/17/22 16:16	06/20/22 12:57	1
1,4-Difluorobenzene (Surr)	89		70 - 130	06/17/22 16:16	06/20/22 12:57	1

Lab Sample ID: LCS 880-27836/1-A

Matrix: Solid

Analysis Batch: 27881

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27836

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1013		mg/Kg		101	70 - 130
Toluene	0.100	0.1006		mg/Kg		101	70 - 130
Ethylbenzene	0.100	0.1056		mg/Kg		106	70 - 130
m,p-Xylenes	0.200	0.2125		mg/Kg		106	70 - 130
o-Xylene	0.100	0.1041		mg/Kg		104	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-27836/2-A

Matrix: Solid

Analysis Batch: 27881

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27836

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1040		mg/Kg		104	70 - 130	3	35
Toluene	0.100	0.1061		mg/Kg		106	70 - 130	5	35
Ethylbenzene	0.100	0.1136		mg/Kg		114	70 - 130	7	35
m,p-Xylenes	0.200	0.2260		mg/Kg		113	70 - 130	6	35
o-Xylene	0.100	0.1086		mg/Kg		109	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: MB 880-27841/5-A

Matrix: Solid

Analysis Batch: 27895

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27841

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		06/17/22 16:28	06/20/22 23:59	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		06/17/22 16:28	06/20/22 23:59	1

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

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

Lab Sample ID: MB 880-27841/5-A

Matrix: Solid

Analysis Batch: 27895

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27841

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		06/17/22 16:28	06/20/22 23:59	1
m,p-Xylenes	<0.00101	U	0.00400	0.00101	mg/Kg		06/17/22 16:28	06/20/22 23:59	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		06/17/22 16:28	06/20/22 23:59	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		06/17/22 16:28	06/20/22 23:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	06/17/22 16:28	06/20/22 23:59	1
1,4-Difluorobenzene (Surr)	104		70 - 130	06/17/22 16:28	06/20/22 23:59	1

Lab Sample ID: LCS 880-27841/1-A

Matrix: Solid

Analysis Batch: 27895

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27841

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1032		mg/Kg		103	70 - 130
Toluene	0.100	0.09612		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.08113		mg/Kg		81	70 - 130
m,p-Xylenes	0.200	0.1569		mg/Kg		78	70 - 130
o-Xylene	0.100	0.08901		mg/Kg		89	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: LCSD 880-27841/2-A

Matrix: Solid

Analysis Batch: 27895

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27841

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.08751		mg/Kg		88	70 - 130	16	35
Toluene	0.100	0.09931		mg/Kg		99	70 - 130	3	35
Ethylbenzene	0.100	0.09193		mg/Kg		92	70 - 130	12	35
m,p-Xylenes	0.200	0.1850		mg/Kg		92	70 - 130	16	35
o-Xylene	0.100	0.1045		mg/Kg		104	70 - 130	16	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 890-2415-15 MS

Matrix: Solid

Analysis Batch: 27895

Client Sample ID: B-58

Prep Type: Total/NA

Prep Batch: 27841

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.000386	U	0.0996	0.09682		mg/Kg		97	70 - 130
Toluene	<0.000457	U	0.0996	0.09006		mg/Kg		90	70 - 130
Ethylbenzene	<0.000566	U	0.0996	0.07464		mg/Kg		75	70 - 130
m,p-Xylenes	<0.00101	U	0.199	0.1435		mg/Kg		72	70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

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

Lab Sample ID: 890-2415-15 MS

Matrix: Solid

Analysis Batch: 27895

Client Sample ID: B-58

Prep Type: Total/NA

Prep Batch: 27841

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	<0.000345	U	0.0996	0.08002		mg/Kg		80	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 890-2415-15 MSD

Matrix: Solid

Analysis Batch: 27895

Client Sample ID: B-58

Prep Type: Total/NA

Prep Batch: 27841

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.000386	U	0.0998	0.07328		mg/Kg		73	70 - 130	28	35
Toluene	<0.000457	U	0.0998	0.08583		mg/Kg		86	70 - 130	5	35
Ethylbenzene	<0.000566	U	0.0998	0.07938		mg/Kg		80	70 - 130	6	35
m,p-Xylenes	<0.00101	U	0.200	0.1605		mg/Kg		80	70 - 130	11	35
o-Xylene	<0.000345	U	0.0998	0.09003		mg/Kg		90	70 - 130	12	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: MB 880-27842/5-A

Matrix: Solid

Analysis Batch: 27879

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27842

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		06/17/22 16:37	06/21/22 00:25	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		06/17/22 16:37	06/21/22 00:25	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		06/17/22 16:37	06/21/22 00:25	1
m,p-Xylenes	<0.00101	U	0.00400	0.00101	mg/Kg		06/17/22 16:37	06/21/22 00:25	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		06/17/22 16:37	06/21/22 00:25	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		06/17/22 16:37	06/21/22 00:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	06/17/22 16:37	06/21/22 00:25	1
1,4-Difluorobenzene (Surr)	91		70 - 130	06/17/22 16:37	06/21/22 00:25	1

Lab Sample ID: LCS 880-27842/1-A

Matrix: Solid

Analysis Batch: 27879

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27842

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09331		mg/Kg		93	70 - 130
Toluene	0.100	0.09111		mg/Kg		91	70 - 130
Ethylbenzene	0.100	0.09733		mg/Kg		97	70 - 130
m,p-Xylenes	0.200	0.1971		mg/Kg		99	70 - 130
o-Xylene	0.100	0.1008		mg/Kg		101	70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

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

Lab Sample ID: LCS 880-27842/1-A

Matrix: Solid

Analysis Batch: 27879

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27842

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-27842/2-A

Matrix: Solid

Analysis Batch: 27879

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27842

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1002		mg/Kg		100	70 - 130	7	35
Toluene	0.100	0.09769		mg/Kg		98	70 - 130	7	35
Ethylbenzene	0.100	0.1022		mg/Kg		102	70 - 130	5	35
m,p-Xylenes	0.200	0.2076		mg/Kg		104	70 - 130	5	35
o-Xylene	0.100	0.1056		mg/Kg		106	70 - 130	5	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-2415-35 MS

Matrix: Solid

Analysis Batch: 27879

Client Sample ID: B-78

Prep Type: Total/NA

Prep Batch: 27842

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.000386	U	0.0998	0.09519		mg/Kg		95	70 - 130
Toluene	<0.000457	U	0.0998	0.09071		mg/Kg		91	70 - 130
Ethylbenzene	<0.000566	U	0.0998	0.09294		mg/Kg		93	70 - 130
m,p-Xylenes	<0.00101	U	0.200	0.1877		mg/Kg		94	70 - 130
o-Xylene	<0.000345	U	0.0998	0.09354		mg/Kg		94	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-2415-35 MSD

Matrix: Solid

Analysis Batch: 27879

Client Sample ID: B-78

Prep Type: Total/NA

Prep Batch: 27842

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.000386	U	0.0994	0.1043		mg/Kg		105	70 - 130	9	35
Toluene	<0.000457	U	0.0994	0.1002		mg/Kg		101	70 - 130	10	35
Ethylbenzene	<0.000566	U	0.0994	0.1038		mg/Kg		104	70 - 130	11	35
m,p-Xylenes	<0.00101	U	0.199	0.2111		mg/Kg		106	70 - 130	12	35
o-Xylene	<0.000345	U	0.0994	0.1046		mg/Kg		105	70 - 130	11	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

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

Lab Sample ID: MB 880-27878/5-A

Matrix: Solid

Analysis Batch: 27879

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27878

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		06/20/22 08:23	06/20/22 11:50	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		06/20/22 08:23	06/20/22 11:50	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		06/20/22 08:23	06/20/22 11:50	1
m,p-Xylenes	<0.00101	U	0.00400	0.00101	mg/Kg		06/20/22 08:23	06/20/22 11:50	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		06/20/22 08:23	06/20/22 11:50	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		06/20/22 08:23	06/20/22 11:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	06/20/22 08:23	06/20/22 11:50	1
1,4-Difluorobenzene (Surr)	91		70 - 130	06/20/22 08:23	06/20/22 11:50	1

Lab Sample ID: MB 880-27897/5-A

Matrix: Solid

Analysis Batch: 27895

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27897

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		06/20/22 10:25	06/20/22 13:15	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		06/20/22 10:25	06/20/22 13:15	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		06/20/22 10:25	06/20/22 13:15	1
m,p-Xylenes	<0.00101	U	0.00400	0.00101	mg/Kg		06/20/22 10:25	06/20/22 13:15	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		06/20/22 10:25	06/20/22 13:15	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		06/20/22 10:25	06/20/22 13:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	06/20/22 10:25	06/20/22 13:15	1
1,4-Difluorobenzene (Surr)	109		70 - 130	06/20/22 10:25	06/20/22 13:15	1

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

Lab Sample ID: MB 880-27655/1-A

Matrix: Solid

Analysis Batch: 27649

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27655

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		06/16/22 08:31	06/16/22 10:25	1
Diesel Range Organics (Over C10-C28)	27.77	J	50.0	15.0	mg/Kg		06/16/22 08:31	06/16/22 10:25	1
Oil Range Organics (Over C28-C36)	16.61	J	50.0	15.0	mg/Kg		06/16/22 08:31	06/16/22 10:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	06/16/22 08:31	06/16/22 10:25	1
o-Terphenyl	95		70 - 130	06/16/22 08:31	06/16/22 10:25	1

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

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

Lab Sample ID: LCS 880-27655/2-A

Matrix: Solid

Analysis Batch: 27649

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27655

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			Limits	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1101		mg/Kg		110	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	974.5		mg/Kg		97	70 - 130		
		</									

Lab Sample ID: LCSD 880-27655/3-A

Matrix: Solid

Analysis Batch: 27649

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27655

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	837.8	*1	mg/Kg	-	84	70 - 130	27	20
Diesel Range Organics (Over C10-C28)			1000	927.3		mg/Kg		93	70 - 130	5	20

Lab Sample ID: MB 880-27656/1-A

Matrix: Solid

Analysis Batch: 27647

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27656

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		06/16/22 08:32	06/16/22 10:25	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/16/22 08:32	06/16/22 10:25	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/16/22 08:32	06/16/22 10:25	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
%Recovery	Qualifier								
1-Chlorooctane	84		70 - 130				06/16/22 08:32	06/16/22 10:25	1
o-Terphenyl	0.05	S1-	70 - 130				06/16/22 08:32	06/16/22 10:25	1

Lab Sample ID: LCS 880-27656/2-A

Matrix: Solid

Analysis Batch: 27647

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27656

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	776.7		mg/Kg		78	70 - 130
Diesel Range Organics (Over C10-C28)	1000	915.4		mg/Kg		92	70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

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

Lab Sample ID: LCS 880-27656/2-A

Matrix: Solid

Analysis Batch: 27647

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27656

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	90		70 - 130
o-Terphenyl	85		70 - 130

Lab Sample ID: LCSD 880-27656/3-A

Matrix: Solid

Analysis Batch: 27647

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27656

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	838.1		mg/Kg		84	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	1000	1036		mg/Kg		104	70 - 130	12	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	12	S1-	70 - 130

Lab Sample ID: MB 880-27704/1-A

Matrix: Solid

Analysis Batch: 27649

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27704

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	41.43	J	50.0	15.0	mg/Kg		06/16/22 14:23	06/16/22 20:19	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/16/22 14:23	06/16/22 20:19	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/16/22 14:23	06/16/22 20:19	1

	MB	MB		Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane	100		70 - 130	06/16/22 14:23	06/16/22 20:19	1
o-Terphenyl	113		70 - 130	06/16/22 14:23	06/16/22 20:19	1

Lab Sample ID: LCS 880-27704/2-A

Matrix: Solid

Analysis Batch: 27649

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27704

	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1066		mg/Kg		107	70 - 130
Diesel Range Organics (Over C10-C28)	1000	951.4		mg/Kg		95	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	100		70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

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

Lab Sample ID: LCSD 880-27704/3-A

Matrix: Solid

Analysis Batch: 27649

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27704

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1303		mg/Kg		130	70 - 130	20	20
Diesel Range Organics (Over C10-C28)	1000	1057		mg/Kg		106	70 - 130	11	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	105		70 - 130						
o-Terphenyl	107		70 - 130						

Lab Sample ID: 890-2415-1 MS

Matrix: Solid

Analysis Batch: 27649

Client Sample ID: B-44

Prep Type: Total/NA

Prep Batch: 27704

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	998	742.7		mg/Kg		74	70 - 130		
Diesel Range Organics (Over C10-C28)	47.2	J F1	998	704.1	F1	mg/Kg		66	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	79		70 - 130								
o-Terphenyl	73		70 - 130								

Lab Sample ID: 890-2415-1 MSD

Matrix: Solid

Analysis Batch: 27649

Client Sample ID: B-44

Prep Type: Total/NA

Prep Batch: 27704

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	999	724.2		mg/Kg		72	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	47.2	J F1	999	772.3		mg/Kg		73	70 - 130	9	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	83		70 - 130								
o-Terphenyl	77		70 - 130								

Lab Sample ID: MB 880-27706/1-A

Matrix: Solid

Analysis Batch: 27647

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27706

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		06/16/22 14:26	06/16/22 20:19	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/16/22 14:26	06/16/22 20:19	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/16/22 14:26	06/16/22 20:19	1

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

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

Lab Sample ID: MB 880-27706/1-A

Matrix: Solid

Analysis Batch: 27647

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27706

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	06/16/22 14:26	06/16/22 20:19	1
o-Terphenyl	0.06	S1-	70 - 130	06/16/22 14:26	06/16/22 20:19	1

Lab Sample ID: LCS 880-27706/2-A

Matrix: Solid

Analysis Batch: 27647

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27706

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	874.2		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1086		mg/Kg		109	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	12	S1-	70 - 130

Lab Sample ID: LCSD 880-27706/3-A

Matrix: Solid

Analysis Batch: 27647

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27706

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	811.8		mg/Kg		81	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	1038		mg/Kg		104	70 - 130	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	95		70 - 130
o-Terphenyl	12	S1-	70 - 130

Lab Sample ID: MB 880-27720/1-A

Matrix: Solid

Analysis Batch: 27643

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27720

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		06/16/22 15:34	06/16/22 21:26	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/16/22 15:34	06/16/22 21:26	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/16/22 15:34	06/16/22 21:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	06/16/22 15:34	06/16/22 21:26	1
o-Terphenyl	109		70 - 130	06/16/22 15:34	06/16/22 21:26	1

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

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

Lab Sample ID: LCS 880-27720/2-A

Matrix: Solid

Analysis Batch: 27643

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27720

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10			1000	871.6		mg/Kg		87	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1033		mg/Kg		103	70 - 130		
Surrogate	LCS	LCS	Limits								
	%Recovery	Qualifier									
1-Chlorooctane	99		70 - 130								
o-Terphenyl	109		70 - 130								

Lab Sample ID: LCSD 880-27720/3-A

Matrix: Solid

Analysis Batch: 27643

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27720

Top Bottom 17-18											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1162	*1	mg/Kg	-	116	70 - 130	29	20
Diesel Range Organics (Over C10-C28)			1000	1129		mg/Kg		113	70 - 130	9	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
1-Chlorooctane	107		70 - 130								
o-Terphenyl	117		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-27814/1-A

Matrix: Solid

Analysis Batch: 28073

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			06/21/22 22:01	1

Lab Sample ID: LCS 880-27814/2-A

Matrix: Solid

Analysis Batch: 28073

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	230.1		mg/Kg		92	90 - 110

Lab Sample ID: LCSD 880-27814/3-A

Matrix: Solid

Analysis Batch: 28073

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	251.9		mg/Kg		101	90 - 110	9	20

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-27815/1-A

Matrix: Solid

Analysis Batch: 28074

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			06/22/22 21:54	1

Lab Sample ID: LCS 880-27815/2-A

Matrix: Solid

Analysis Batch: 28074

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	272.2		mg/Kg		109	90 - 110

Lab Sample ID: LCSD 880-27815/3-A

Matrix: Solid

Analysis Batch: 28074

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	271.9		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 890-2415-2 MS

Matrix: Solid

Analysis Batch: 28074

Client Sample ID: B-45

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	15.5		251	247.5		mg/Kg		92	90 - 110

Lab Sample ID: 890-2415-2 MSD

Matrix: Solid

Analysis Batch: 28074

Client Sample ID: B-45

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	15.5		251	247.5		mg/Kg		92	90 - 110	0	20

Lab Sample ID: 890-2415-12 MS

Matrix: Solid

Analysis Batch: 28074

Client Sample ID: B-55

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	184		251	424.2		mg/Kg		96	90 - 110

Lab Sample ID: 890-2415-12 MSD

Matrix: Solid

Analysis Batch: 28074

Client Sample ID: B-55

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	184		251	427.2		mg/Kg		97	90 - 110	1	20

Lab Sample ID: MB 880-27816/1-A

Matrix: Solid

Analysis Batch: 28122

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			06/22/22 09:06	1

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-27816/2-A

Matrix: Solid

Analysis Batch: 28122

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	257.7		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-27816/3-A

Matrix: Solid

Analysis Batch: 28122

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	256.3		mg/Kg		103	90 - 110	1	20

Lab Sample ID: 890-2415-22 MS

Matrix: Solid

Analysis Batch: 28122

Client Sample ID: B-65

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	192	F1	249	407.2	F1	mg/Kg		87	90 - 110

Lab Sample ID: 890-2415-22 MSD

Matrix: Solid

Analysis Batch: 28122

Client Sample ID: B-65

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	192	F1	249	403.9	F1	mg/Kg		85	90 - 110	1	20

Lab Sample ID: 890-2415-32 MS

Matrix: Solid

Analysis Batch: 28122

Client Sample ID: B-75

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	95.5	F1	250	263.7	F1	mg/Kg		67	90 - 110

Lab Sample ID: 890-2415-32 MSD

Matrix: Solid

Analysis Batch: 28122

Client Sample ID: B-75

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	95.5	F1	250	263.3	F1	mg/Kg		67	90 - 110	0	20

Lab Sample ID: MB 880-27817/1-A

Matrix: Solid

Analysis Batch: 28123

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			06/23/22 03:16	1

Lab Sample ID: LCS 880-27817/2-A

Matrix: Solid

Analysis Batch: 28123

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	264.7		mg/Kg		106	90 - 110

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-27817/3-A				Client Sample ID: Lab Control Sample Dup							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 28123											
Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit		
Chloride	250	264.6		mg/Kg		106	90 - 110	0	20		

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

GC VOA

Prep Batch: 27836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2415-1	B-44	Total/NA	Solid	5035	
890-2415-2	B-45	Total/NA	Solid	5035	
890-2415-3	B-46	Total/NA	Solid	5035	
890-2415-4	B-47	Total/NA	Solid	5035	
890-2415-5	B-48	Total/NA	Solid	5035	
890-2415-6	B-49	Total/NA	Solid	5035	
890-2415-7	B-50	Total/NA	Solid	5035	
890-2415-8	B-51	Total/NA	Solid	5035	
890-2415-9	B-52	Total/NA	Solid	5035	
890-2415-10	B-53	Total/NA	Solid	5035	
890-2415-11	B-54	Total/NA	Solid	5035	
890-2415-12	B-55	Total/NA	Solid	5035	
890-2415-13	B-56	Total/NA	Solid	5035	
890-2415-14	B-57	Total/NA	Solid	5035	
MB 880-27836/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27836/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27836/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 27841

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2415-15	B-58	Total/NA	Solid	5035	
890-2415-16	B-59	Total/NA	Solid	5035	
890-2415-17	B-60	Total/NA	Solid	5035	
890-2415-18	B-61	Total/NA	Solid	5035	
890-2415-19	B-62	Total/NA	Solid	5035	
890-2415-20	B-63	Total/NA	Solid	5035	
890-2415-21	B-64	Total/NA	Solid	5035	
890-2415-22	B-65	Total/NA	Solid	5035	
890-2415-23	B-66	Total/NA	Solid	5035	
890-2415-24	B-67	Total/NA	Solid	5035	
890-2415-25	B-68	Total/NA	Solid	5035	
890-2415-26	B-69	Total/NA	Solid	5035	
890-2415-27	B-70	Total/NA	Solid	5035	
890-2415-28	B-71	Total/NA	Solid	5035	
890-2415-29	B-72	Total/NA	Solid	5035	
890-2415-30	B-73	Total/NA	Solid	5035	
890-2415-31	B-74	Total/NA	Solid	5035	
890-2415-32	B-75	Total/NA	Solid	5035	
890-2415-33	B-76	Total/NA	Solid	5035	
890-2415-34	B-77	Total/NA	Solid	5035	
MB 880-27841/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27841/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27841/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2415-15 MS	B-58	Total/NA	Solid	5035	
890-2415-15 MSD	B-58	Total/NA	Solid	5035	

Prep Batch: 27842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2415-35	B-78	Total/NA	Solid	5035	
890-2415-36	B-79	Total/NA	Solid	5035	
890-2415-37	B-80	Total/NA	Solid	5035	

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

GC VOA (Continued)

Prep Batch: 27842 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2415-38	B-81	Total/NA	Solid	5035	
890-2415-39	B-82	Total/NA	Solid	5035	
890-2415-40	B-83	Total/NA	Solid	5035	
890-2415-41	B-84	Total/NA	Solid	5035	
890-2415-42	B-85	Total/NA	Solid	5035	
890-2415-43	B-86	Total/NA	Solid	5035	
890-2415-44	B-87	Total/NA	Solid	5035	
MB 880-27842/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27842/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27842/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2415-35 MS	B-78	Total/NA	Solid	5035	
890-2415-35 MSD	B-78	Total/NA	Solid	5035	

Prep Batch: 27878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-27878/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 27879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2415-35	B-78	Total/NA	Solid	8021B	27842
890-2415-36	B-79	Total/NA	Solid	8021B	27842
890-2415-37	B-80	Total/NA	Solid	8021B	27842
890-2415-38	B-81	Total/NA	Solid	8021B	27842
890-2415-39	B-82	Total/NA	Solid	8021B	27842
890-2415-40	B-83	Total/NA	Solid	8021B	27842
890-2415-41	B-84	Total/NA	Solid	8021B	27842
890-2415-42	B-85	Total/NA	Solid	8021B	27842
890-2415-43	B-86	Total/NA	Solid	8021B	27842
890-2415-44	B-87	Total/NA	Solid	8021B	27842
MB 880-27842/5-A	Method Blank	Total/NA	Solid	8021B	27842
MB 880-27878/5-A	Method Blank	Total/NA	Solid	8021B	27878
LCS 880-27842/1-A	Lab Control Sample	Total/NA	Solid	8021B	27842
LCSD 880-27842/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27842
890-2415-35 MS	B-78	Total/NA	Solid	8021B	27842
890-2415-35 MSD	B-78	Total/NA	Solid	8021B	27842

Analysis Batch: 27881

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2415-1	B-44	Total/NA	Solid	8021B	27836
890-2415-2	B-45	Total/NA	Solid	8021B	27836
890-2415-3	B-46	Total/NA	Solid	8021B	27836
890-2415-4	B-47	Total/NA	Solid	8021B	27836
890-2415-5	B-48	Total/NA	Solid	8021B	27836
890-2415-6	B-49	Total/NA	Solid	8021B	27836
890-2415-7	B-50	Total/NA	Solid	8021B	27836
890-2415-8	B-51	Total/NA	Solid	8021B	27836
890-2415-9	B-52	Total/NA	Solid	8021B	27836
890-2415-10	B-53	Total/NA	Solid	8021B	27836
890-2415-11	B-54	Total/NA	Solid	8021B	27836
890-2415-12	B-55	Total/NA	Solid	8021B	27836
890-2415-13	B-56	Total/NA	Solid	8021B	27836

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

GC VOA (Continued)

Analysis Batch: 27881 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2415-14	B-57	Total/NA	Solid	8021B	27836
MB 880-27836/5-A	Method Blank	Total/NA	Solid	8021B	27836
LCS 880-27836/1-A	Lab Control Sample	Total/NA	Solid	8021B	27836
LCSD 880-27836/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27836

Analysis Batch: 27895

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2415-15	B-58	Total/NA	Solid	8021B	27841
890-2415-16	B-59	Total/NA	Solid	8021B	27841
890-2415-17	B-60	Total/NA	Solid	8021B	27841
890-2415-18	B-61	Total/NA	Solid	8021B	27841
890-2415-19	B-62	Total/NA	Solid	8021B	27841
890-2415-20	B-63	Total/NA	Solid	8021B	27841
890-2415-21	B-64	Total/NA	Solid	8021B	27841
890-2415-22	B-65	Total/NA	Solid	8021B	27841
890-2415-23	B-66	Total/NA	Solid	8021B	27841
890-2415-24	B-67	Total/NA	Solid	8021B	27841
890-2415-25	B-68	Total/NA	Solid	8021B	27841
890-2415-26	B-69	Total/NA	Solid	8021B	27841
890-2415-27	B-70	Total/NA	Solid	8021B	27841
890-2415-28	B-71	Total/NA	Solid	8021B	27841
890-2415-29	B-72	Total/NA	Solid	8021B	27841
890-2415-30	B-73	Total/NA	Solid	8021B	27841
890-2415-31	B-74	Total/NA	Solid	8021B	27841
890-2415-32	B-75	Total/NA	Solid	8021B	27841
890-2415-33	B-76	Total/NA	Solid	8021B	27841
890-2415-34	B-77	Total/NA	Solid	8021B	27841
MB 880-27841/5-A	Method Blank	Total/NA	Solid	8021B	27841
MB 880-27897/5-A	Method Blank	Total/NA	Solid	8021B	27897
LCS 880-27841/1-A	Lab Control Sample	Total/NA	Solid	8021B	27841
LCSD 880-27841/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27841
890-2415-15 MS	B-58	Total/NA	Solid	8021B	27841
890-2415-15 MSD	B-58	Total/NA	Solid	8021B	27841

Prep Batch: 27897

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-27897/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 28037

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2415-1	B-44	Total/NA	Solid	Total BTEX	
890-2415-2	B-45	Total/NA	Solid	Total BTEX	
890-2415-3	B-46	Total/NA	Solid	Total BTEX	
890-2415-4	B-47	Total/NA	Solid	Total BTEX	
890-2415-5	B-48	Total/NA	Solid	Total BTEX	
890-2415-6	B-49	Total/NA	Solid	Total BTEX	
890-2415-7	B-50	Total/NA	Solid	Total BTEX	
890-2415-8	B-51	Total/NA	Solid	Total BTEX	
890-2415-9	B-52	Total/NA	Solid	Total BTEX	
890-2415-10	B-53	Total/NA	Solid	Total BTEX	
890-2415-11	B-54	Total/NA	Solid	Total BTEX	

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

GC VOA (Continued)

Analysis Batch: 28037 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2415-12	B-55	Total/NA	Solid	Total BTEX	
890-2415-13	B-56	Total/NA	Solid	Total BTEX	
890-2415-14	B-57	Total/NA	Solid	Total BTEX	
890-2415-15	B-58	Total/NA	Solid	Total BTEX	
890-2415-16	B-59	Total/NA	Solid	Total BTEX	
890-2415-17	B-60	Total/NA	Solid	Total BTEX	
890-2415-18	B-61	Total/NA	Solid	Total BTEX	
890-2415-19	B-62	Total/NA	Solid	Total BTEX	
890-2415-20	B-63	Total/NA	Solid	Total BTEX	
890-2415-21	B-64	Total/NA	Solid	Total BTEX	
890-2415-22	B-65	Total/NA	Solid	Total BTEX	
890-2415-23	B-66	Total/NA	Solid	Total BTEX	
890-2415-24	B-67	Total/NA	Solid	Total BTEX	
890-2415-25	B-68	Total/NA	Solid	Total BTEX	
890-2415-26	B-69	Total/NA	Solid	Total BTEX	
890-2415-27	B-70	Total/NA	Solid	Total BTEX	
890-2415-28	B-71	Total/NA	Solid	Total BTEX	
890-2415-29	B-72	Total/NA	Solid	Total BTEX	
890-2415-30	B-73	Total/NA	Solid	Total BTEX	
890-2415-31	B-74	Total/NA	Solid	Total BTEX	
890-2415-32	B-75	Total/NA	Solid	Total BTEX	
890-2415-33	B-76	Total/NA	Solid	Total BTEX	
890-2415-34	B-77	Total/NA	Solid	Total BTEX	
890-2415-35	B-78	Total/NA	Solid	Total BTEX	
890-2415-36	B-79	Total/NA	Solid	Total BTEX	
890-2415-37	B-80	Total/NA	Solid	Total BTEX	
890-2415-38	B-81	Total/NA	Solid	Total BTEX	
890-2415-39	B-82	Total/NA	Solid	Total BTEX	
890-2415-40	B-83	Total/NA	Solid	Total BTEX	
890-2415-41	B-84	Total/NA	Solid	Total BTEX	
890-2415-42	B-85	Total/NA	Solid	Total BTEX	
890-2415-43	B-86	Total/NA	Solid	Total BTEX	
890-2415-44	B-87	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 27643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2415-39	B-82	Total/NA	Solid	8015B NM	27720
890-2415-40	B-83	Total/NA	Solid	8015B NM	27720
890-2415-41	B-84	Total/NA	Solid	8015B NM	27720
890-2415-42	B-85	Total/NA	Solid	8015B NM	27720
890-2415-43	B-86	Total/NA	Solid	8015B NM	27720
890-2415-44	B-87	Total/NA	Solid	8015B NM	27720
MB 880-27720/1-A	Method Blank	Total/NA	Solid	8015B NM	27720
LCS 880-27720/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27720
LCSD 880-27720/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27720

Analysis Batch: 27647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2415-26	B-69	Total/NA	Solid	8015B NM	27656

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
 Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
 SDG: 5198

GC Semi VOA (Continued)

Analysis Batch: 27647 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2415-27	B-70	Total/NA	Solid	8015B NM	27656
890-2415-28	B-71	Total/NA	Solid	8015B NM	27656
890-2415-29	B-72	Total/NA	Solid	8015B NM	27656
890-2415-30	B-73	Total/NA	Solid	8015B NM	27656
890-2415-31	B-74	Total/NA	Solid	8015B NM	27656
890-2415-32	B-75	Total/NA	Solid	8015B NM	27656
890-2415-33	B-76	Total/NA	Solid	8015B NM	27706
890-2415-34	B-77	Total/NA	Solid	8015B NM	27706
890-2415-35	B-78	Total/NA	Solid	8015B NM	27706
890-2415-36	B-79	Total/NA	Solid	8015B NM	27706
890-2415-37	B-80	Total/NA	Solid	8015B NM	27706
890-2415-38	B-81	Total/NA	Solid	8015B NM	27706
MB 880-27656/1-A	Method Blank	Total/NA	Solid	8015B NM	27656
MB 880-27706/1-A	Method Blank	Total/NA	Solid	8015B NM	27706
LCS 880-27656/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27656
LCS 880-27706/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27706
LCSD 880-27656/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27656
LCSD 880-27706/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27706

Analysis Batch: 27649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2415-1	B-44	Total/NA	Solid	8015B NM	27704
890-2415-2	B-45	Total/NA	Solid	8015B NM	27704
890-2415-3	B-46	Total/NA	Solid	8015B NM	27704
890-2415-4	B-47	Total/NA	Solid	8015B NM	27704
890-2415-5	B-48	Total/NA	Solid	8015B NM	27704
890-2415-6	B-49	Total/NA	Solid	8015B NM	27704
890-2415-7	B-50	Total/NA	Solid	8015B NM	27704
890-2415-8	B-51	Total/NA	Solid	8015B NM	27704
890-2415-9	B-52	Total/NA	Solid	8015B NM	27704
890-2415-10	B-53	Total/NA	Solid	8015B NM	27704
890-2415-11	B-54	Total/NA	Solid	8015B NM	27704
890-2415-12	B-55	Total/NA	Solid	8015B NM	27704
890-2415-13	B-56	Total/NA	Solid	8015B NM	27704
890-2415-14	B-57	Total/NA	Solid	8015B NM	27704
890-2415-15	B-58	Total/NA	Solid	8015B NM	27704
890-2415-16	B-59	Total/NA	Solid	8015B NM	27704
890-2415-17	B-60	Total/NA	Solid	8015B NM	27704
890-2415-18	B-61	Total/NA	Solid	8015B NM	27704
890-2415-19	B-62	Total/NA	Solid	8015B NM	27704
890-2415-20	B-63	Total/NA	Solid	8015B NM	27704
890-2415-21	B-64	Total/NA	Solid	8015B NM	27655
890-2415-22	B-65	Total/NA	Solid	8015B NM	27655
890-2415-23	B-66	Total/NA	Solid	8015B NM	27655
890-2415-24	B-67	Total/NA	Solid	8015B NM	27655
890-2415-25	B-68	Total/NA	Solid	8015B NM	27655
MB 880-27655/1-A	Method Blank	Total/NA	Solid	8015B NM	27655
MB 880-27704/1-A	Method Blank	Total/NA	Solid	8015B NM	27704
LCS 880-27655/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27655
LCS 880-27704/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27704
LCSD 880-27655/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27655

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

GC Semi VOA (Continued)

Analysis Batch: 27649 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-27704/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27704
890-2415-1 MS	B-44	Total/NA	Solid	8015B NM	27704
890-2415-1 MSD	B-44	Total/NA	Solid	8015B NM	27704

Prep Batch: 27655

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2415-21	B-64	Total/NA	Solid	8015NM Prep	
890-2415-22	B-65	Total/NA	Solid	8015NM Prep	
890-2415-23	B-66	Total/NA	Solid	8015NM Prep	
890-2415-24	B-67	Total/NA	Solid	8015NM Prep	
890-2415-25	B-68	Total/NA	Solid	8015NM Prep	
MB 880-27655/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-27655/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27655/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 27656

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2415-26	B-69	Total/NA	Solid	8015NM Prep	
890-2415-27	B-70	Total/NA	Solid	8015NM Prep	
890-2415-28	B-71	Total/NA	Solid	8015NM Prep	
890-2415-29	B-72	Total/NA	Solid	8015NM Prep	
890-2415-30	B-73	Total/NA	Solid	8015NM Prep	
890-2415-31	B-74	Total/NA	Solid	8015NM Prep	
890-2415-32	B-75	Total/NA	Solid	8015NM Prep	
MB 880-27656/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-27656/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27656/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 27704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2415-1	B-44	Total/NA	Solid	8015NM Prep	
890-2415-2	B-45	Total/NA	Solid	8015NM Prep	
890-2415-3	B-46	Total/NA	Solid	8015NM Prep	
890-2415-4	B-47	Total/NA	Solid	8015NM Prep	
890-2415-5	B-48	Total/NA	Solid	8015NM Prep	
890-2415-6	B-49	Total/NA	Solid	8015NM Prep	
890-2415-7	B-50	Total/NA	Solid	8015NM Prep	
890-2415-8	B-51	Total/NA	Solid	8015NM Prep	
890-2415-9	B-52	Total/NA	Solid	8015NM Prep	
890-2415-10	B-53	Total/NA	Solid	8015NM Prep	
890-2415-11	B-54	Total/NA	Solid	8015NM Prep	
890-2415-12	B-55	Total/NA	Solid	8015NM Prep	
890-2415-13	B-56	Total/NA	Solid	8015NM Prep	
890-2415-14	B-57	Total/NA	Solid	8015NM Prep	
890-2415-15	B-58	Total/NA	Solid	8015NM Prep	
890-2415-16	B-59	Total/NA	Solid	8015NM Prep	
890-2415-17	B-60	Total/NA	Solid	8015NM Prep	
890-2415-18	B-61	Total/NA	Solid	8015NM Prep	
890-2415-19	B-62	Total/NA	Solid	8015NM Prep	
890-2415-20	B-63	Total/NA	Solid	8015NM Prep	
MB 880-27704/1-A	Method Blank	Total/NA	Solid	8015NM Prep	

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

GC Semi VOA (Continued)

Prep Batch: 27704 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-27704/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27704/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2415-1 MS	B-44	Total/NA	Solid	8015NM Prep	
890-2415-1 MSD	B-44	Total/NA	Solid	8015NM Prep	

Prep Batch: 27706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2415-33	B-76	Total/NA	Solid	8015NM Prep	
890-2415-34	B-77	Total/NA	Solid	8015NM Prep	
890-2415-35	B-78	Total/NA	Solid	8015NM Prep	
890-2415-36	B-79	Total/NA	Solid	8015NM Prep	
890-2415-37	B-80	Total/NA	Solid	8015NM Prep	
890-2415-38	B-81	Total/NA	Solid	8015NM Prep	
MB 880-27706/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-27706/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27706/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 27720

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2415-39	B-82	Total/NA	Solid	8015NM Prep	
890-2415-40	B-83	Total/NA	Solid	8015NM Prep	
890-2415-41	B-84	Total/NA	Solid	8015NM Prep	
890-2415-42	B-85	Total/NA	Solid	8015NM Prep	
890-2415-43	B-86	Total/NA	Solid	8015NM Prep	
890-2415-44	B-87	Total/NA	Solid	8015NM Prep	
MB 880-27720/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-27720/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27720/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 27748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2415-1	B-44	Total/NA	Solid	8015 NM	
890-2415-2	B-45	Total/NA	Solid	8015 NM	
890-2415-3	B-46	Total/NA	Solid	8015 NM	
890-2415-4	B-47	Total/NA	Solid	8015 NM	
890-2415-5	B-48	Total/NA	Solid	8015 NM	
890-2415-6	B-49	Total/NA	Solid	8015 NM	
890-2415-7	B-50	Total/NA	Solid	8015 NM	
890-2415-8	B-51	Total/NA	Solid	8015 NM	
890-2415-9	B-52	Total/NA	Solid	8015 NM	
890-2415-10	B-53	Total/NA	Solid	8015 NM	
890-2415-11	B-54	Total/NA	Solid	8015 NM	
890-2415-12	B-55	Total/NA	Solid	8015 NM	
890-2415-13	B-56	Total/NA	Solid	8015 NM	
890-2415-14	B-57	Total/NA	Solid	8015 NM	
890-2415-15	B-58	Total/NA	Solid	8015 NM	
890-2415-16	B-59	Total/NA	Solid	8015 NM	
890-2415-17	B-60	Total/NA	Solid	8015 NM	
890-2415-18	B-61	Total/NA	Solid	8015 NM	
890-2415-19	B-62	Total/NA	Solid	8015 NM	
890-2415-20	B-63	Total/NA	Solid	8015 NM	

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

GC Semi VOA (Continued)

Analysis Batch: 27748 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2415-21	B-64	Total/NA	Solid	8015 NM	
890-2415-22	B-65	Total/NA	Solid	8015 NM	
890-2415-23	B-66	Total/NA	Solid	8015 NM	
890-2415-24	B-67	Total/NA	Solid	8015 NM	
890-2415-25	B-68	Total/NA	Solid	8015 NM	
890-2415-26	B-69	Total/NA	Solid	8015 NM	
890-2415-27	B-70	Total/NA	Solid	8015 NM	
890-2415-28	B-71	Total/NA	Solid	8015 NM	
890-2415-29	B-72	Total/NA	Solid	8015 NM	
890-2415-30	B-73	Total/NA	Solid	8015 NM	
890-2415-31	B-74	Total/NA	Solid	8015 NM	
890-2415-32	B-75	Total/NA	Solid	8015 NM	
890-2415-33	B-76	Total/NA	Solid	8015 NM	
890-2415-34	B-77	Total/NA	Solid	8015 NM	
890-2415-35	B-78	Total/NA	Solid	8015 NM	
890-2415-36	B-79	Total/NA	Solid	8015 NM	
890-2415-37	B-80	Total/NA	Solid	8015 NM	
890-2415-38	B-81	Total/NA	Solid	8015 NM	
890-2415-39	B-82	Total/NA	Solid	8015 NM	
890-2415-40	B-83	Total/NA	Solid	8015 NM	
890-2415-41	B-84	Total/NA	Solid	8015 NM	
890-2415-42	B-85	Total/NA	Solid	8015 NM	
890-2415-43	B-86	Total/NA	Solid	8015 NM	
890-2415-44	B-87	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 27814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2415-1	B-44	Soluble	Solid	DI Leach	
MB 880-27814/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27814/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27814/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Leach Batch: 27815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2415-2	B-45	Soluble	Solid	DI Leach	
890-2415-3	B-46	Soluble	Solid	DI Leach	
890-2415-4	B-47	Soluble	Solid	DI Leach	
890-2415-5	B-48	Soluble	Solid	DI Leach	
890-2415-6	B-49	Soluble	Solid	DI Leach	
890-2415-7	B-50	Soluble	Solid	DI Leach	
890-2415-8	B-51	Soluble	Solid	DI Leach	
890-2415-9	B-52	Soluble	Solid	DI Leach	
890-2415-10	B-53	Soluble	Solid	DI Leach	
890-2415-11	B-54	Soluble	Solid	DI Leach	
890-2415-12	B-55	Soluble	Solid	DI Leach	
890-2415-13	B-56	Soluble	Solid	DI Leach	
890-2415-14	B-57	Soluble	Solid	DI Leach	
890-2415-15	B-58	Soluble	Solid	DI Leach	
890-2415-16	B-59	Soluble	Solid	DI Leach	

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

HPLC/IC (Continued)

Leach Batch: 27815 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2415-17	B-60	Soluble	Solid	DI Leach	
890-2415-18	B-61	Soluble	Solid	DI Leach	
890-2415-19	B-62	Soluble	Solid	DI Leach	
890-2415-20	B-63	Soluble	Solid	DI Leach	
890-2415-21	B-64	Soluble	Solid	DI Leach	
MB 880-27815/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27815/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27815/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2415-2 MS	B-45	Soluble	Solid	DI Leach	
890-2415-2 MSD	B-45	Soluble	Solid	DI Leach	
890-2415-12 MS	B-55	Soluble	Solid	DI Leach	
890-2415-12 MSD	B-55	Soluble	Solid	DI Leach	

Leach Batch: 27816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2415-22	B-65	Soluble	Solid	DI Leach	
890-2415-23	B-66	Soluble	Solid	DI Leach	
890-2415-24	B-67	Soluble	Solid	DI Leach	
890-2415-25	B-68	Soluble	Solid	DI Leach	
890-2415-26	B-69	Soluble	Solid	DI Leach	
890-2415-27	B-70	Soluble	Solid	DI Leach	
890-2415-28	B-71	Soluble	Solid	DI Leach	
890-2415-29	B-72	Soluble	Solid	DI Leach	
890-2415-30	B-73	Soluble	Solid	DI Leach	
890-2415-31	B-74	Soluble	Solid	DI Leach	
890-2415-32	B-75	Soluble	Solid	DI Leach	
890-2415-33	B-76	Soluble	Solid	DI Leach	
890-2415-34	B-77	Soluble	Solid	DI Leach	
890-2415-35	B-78	Soluble	Solid	DI Leach	
890-2415-36	B-79	Soluble	Solid	DI Leach	
890-2415-37	B-80	Soluble	Solid	DI Leach	
890-2415-38	B-81	Soluble	Solid	DI Leach	
890-2415-39	B-82	Soluble	Solid	DI Leach	
890-2415-40	B-83	Soluble	Solid	DI Leach	
890-2415-41	B-84	Soluble	Solid	DI Leach	
MB 880-27816/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27816/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27816/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2415-22 MS	B-65	Soluble	Solid	DI Leach	
890-2415-22 MSD	B-65	Soluble	Solid	DI Leach	
890-2415-32 MS	B-75	Soluble	Solid	DI Leach	
890-2415-32 MSD	B-75	Soluble	Solid	DI Leach	

Leach Batch: 27817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2415-42	B-85	Soluble	Solid	DI Leach	
890-2415-43	B-86	Soluble	Solid	DI Leach	
890-2415-44	B-87	Soluble	Solid	DI Leach	
MB 880-27817/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27817/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27817/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

HPLC/IC

Analysis Batch: 28073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2415-1	B-44	Soluble	Solid	300.0	27814
MB 880-27814/1-A	Method Blank	Soluble	Solid	300.0	27814
LCS 880-27814/2-A	Lab Control Sample	Soluble	Solid	300.0	27814
LCSD 880-27814/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27814

Analysis Batch: 28074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2415-2	B-45	Soluble	Solid	300.0	27815
890-2415-3	B-46	Soluble	Solid	300.0	27815
890-2415-4	B-47	Soluble	Solid	300.0	27815
890-2415-5	B-48	Soluble	Solid	300.0	27815
890-2415-6	B-49	Soluble	Solid	300.0	27815
890-2415-7	B-50	Soluble	Solid	300.0	27815
890-2415-8	B-51	Soluble	Solid	300.0	27815
890-2415-9	B-52	Soluble	Solid	300.0	27815
890-2415-10	B-53	Soluble	Solid	300.0	27815
890-2415-11	B-54	Soluble	Solid	300.0	27815
890-2415-12	B-55	Soluble	Solid	300.0	27815
890-2415-13	B-56	Soluble	Solid	300.0	27815
890-2415-14	B-57	Soluble	Solid	300.0	27815
890-2415-15	B-58	Soluble	Solid	300.0	27815
890-2415-16	B-59	Soluble	Solid	300.0	27815
890-2415-17	B-60	Soluble	Solid	300.0	27815
890-2415-18	B-61	Soluble	Solid	300.0	27815
890-2415-19	B-62	Soluble	Solid	300.0	27815
890-2415-20	B-63	Soluble	Solid	300.0	27815
890-2415-21	B-64	Soluble	Solid	300.0	27815
MB 880-27815/1-A	Method Blank	Soluble	Solid	300.0	27815
LCS 880-27815/2-A	Lab Control Sample	Soluble	Solid	300.0	27815
LCSD 880-27815/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27815
890-2415-2 MS	B-45	Soluble	Solid	300.0	27815
890-2415-2 MSD	B-45	Soluble	Solid	300.0	27815
890-2415-12 MS	B-55	Soluble	Solid	300.0	27815
890-2415-12 MSD	B-55	Soluble	Solid	300.0	27815

Analysis Batch: 28122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2415-22	B-65	Soluble	Solid	300.0	27816
890-2415-23	B-66	Soluble	Solid	300.0	27816
890-2415-24	B-67	Soluble	Solid	300.0	27816
890-2415-25	B-68	Soluble	Solid	300.0	27816
890-2415-26	B-69	Soluble	Solid	300.0	27816
890-2415-27	B-70	Soluble	Solid	300.0	27816
890-2415-28	B-71	Soluble	Solid	300.0	27816
890-2415-29	B-72	Soluble	Solid	300.0	27816
890-2415-30	B-73	Soluble	Solid	300.0	27816
890-2415-31	B-74	Soluble	Solid	300.0	27816
890-2415-32	B-75	Soluble	Solid	300.0	27816
890-2415-33	B-76	Soluble	Solid	300.0	27816
890-2415-34	B-77	Soluble	Solid	300.0	27816
890-2415-35	B-78	Soluble	Solid	300.0	27816

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

HPLC/IC (Continued)

Analysis Batch: 28122 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2415-36	B-79	Soluble	Solid	300.0	27816
890-2415-37	B-80	Soluble	Solid	300.0	27816
890-2415-38	B-81	Soluble	Solid	300.0	27816
890-2415-39	B-82	Soluble	Solid	300.0	27816
890-2415-40	B-83	Soluble	Solid	300.0	27816
890-2415-41	B-84	Soluble	Solid	300.0	27816
MB 880-27816/1-A	Method Blank	Soluble	Solid	300.0	27816
LCS 880-27816/2-A	Lab Control Sample	Soluble	Solid	300.0	27816
LCSD 880-27816/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27816
890-2415-22 MS	B-65	Soluble	Solid	300.0	27816
890-2415-22 MSD	B-65	Soluble	Solid	300.0	27816
890-2415-32 MS	B-75	Soluble	Solid	300.0	27816
890-2415-32 MSD	B-75	Soluble	Solid	300.0	27816

Analysis Batch: 28123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2415-42	B-85	Soluble	Solid	300.0	27817
890-2415-43	B-86	Soluble	Solid	300.0	27817
890-2415-44	B-87	Soluble	Solid	300.0	27817
MB 880-27817/1-A	Method Blank	Soluble	Solid	300.0	27817
LCS 880-27817/2-A	Lab Control Sample	Soluble	Solid	300.0	27817
LCSD 880-27817/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27817

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-44

Lab Sample ID: 890-2415-1

Date Collected: 06/14/22 07:10

Matrix: Solid

Date Received: 06/15/22 10:53

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	27836	06/17/22 16:16	MR	XEN MID
Total/NA	Analysis	8021B		1			27881	06/20/22 15:59	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27704	06/16/22 14:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27649	06/16/22 21:23	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	27814	06/17/22 12:04	SC	XEN MID
Soluble	Analysis	300.0		1			28073	06/22/22 01:10	CH	XEN MID

Client Sample ID: B-45

Lab Sample ID: 890-2415-2

Date Collected: 06/14/22 07:20

Matrix: Solid

Date Received: 06/15/22 10:53

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	27836	06/17/22 16:16	MR	XEN MID
Total/NA	Analysis	8021B		1			27881	06/20/22 16:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27704	06/16/22 14:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27649	06/16/22 22:26	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	27815	06/17/22 12:07	SC	XEN MID
Soluble	Analysis	300.0		1			28074	06/22/22 22:21	CH	XEN MID

Client Sample ID: B-46

Lab Sample ID: 890-2415-3

Date Collected: 06/14/22 07:30

Matrix: Solid

Date Received: 06/15/22 10:53

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	27836	06/17/22 16:16	MR	XEN MID
Total/NA	Analysis	8021B		1			27881	06/20/22 16:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27704	06/16/22 14:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27649	06/16/22 22:47	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27815	06/17/22 12:07	SC	XEN MID
Soluble	Analysis	300.0		1			28074	06/22/22 22:49	CH	XEN MID

Client Sample ID: B-47

Lab Sample ID: 890-2415-4

Date Collected: 06/14/22 07:33

Matrix: Solid

Date Received: 06/15/22 10:53

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	27836	06/17/22 16:16	MR	XEN MID
Total/NA	Analysis	8021B		1			27881	06/20/22 17:17	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-47

Date Collected: 06/14/22 07:33

Date Received: 06/15/22 10:53

Lab Sample ID: 890-2415-4

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			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27704	06/16/22 14:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27649	06/16/22 23:08	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27815	06/17/22 12:07	SC	XEN MID
Soluble	Analysis	300.0		1			28074	06/22/22 22:58	CH	XEN MID

Client Sample ID: B-48

Date Collected: 06/14/22 07:36

Date Received: 06/15/22 10:53

Lab Sample ID: 890-2415-5

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			5.01 g	5 mL	27836	06/17/22 16:16	MR	XEN MID
Total/NA	Analysis	8021B		1			27881	06/20/22 19:06	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27704	06/16/22 14:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27649	06/16/22 23:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27815	06/17/22 12:07	SC	XEN MID
Soluble	Analysis	300.0		1			28074	06/22/22 23:07	CH	XEN MID

Client Sample ID: B-49

Date Collected: 06/14/22 07:39

Date Received: 06/15/22 10:53

Lab Sample ID: 890-2415-6

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			5.01 g	5 mL	27836	06/17/22 16:16	MR	XEN MID
Total/NA	Analysis	8021B		1			27881	06/20/22 19:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27704	06/16/22 14:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27649	06/16/22 23:50	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	27815	06/17/22 12:07	SC	XEN MID
Soluble	Analysis	300.0		1			28074	06/22/22 23:17	CH	XEN MID

Client Sample ID: B-50

Date Collected: 06/14/22 07:42

Date Received: 06/15/22 10:53

Lab Sample ID: 890-2415-7

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	27836	06/17/22 16:16	MR	XEN MID
Total/NA	Analysis	8021B		1			27881	06/20/22 19:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	27704	06/16/22 14:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27649	06/17/22 00:11	AJ	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-50

Date Collected: 06/14/22 07:42

Date Received: 06/15/22 10:53

Lab Sample ID: 890-2415-7

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			4.95 g	50 mL	27815	06/17/22 12:07	SC	XEN MID
Soluble	Analysis	300.0		1			28074	06/22/22 23:44	CH	XEN MID

Client Sample ID: B-51

Date Collected: 06/14/22 07:49

Date Received: 06/15/22 10:53

Lab Sample ID: 890-2415-8

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			4.98 g	5 mL	27836	06/17/22 16:16	MR	XEN MID
Total/NA	Analysis	8021B		1			27881	06/20/22 20:24	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27704	06/16/22 14:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27649	06/17/22 00:32	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	27815	06/17/22 12:07	SC	XEN MID
Soluble	Analysis	300.0		1			28074	06/22/22 23:54	CH	XEN MID

Client Sample ID: B-52

Date Collected: 06/14/22 07:55

Date Received: 06/15/22 10:53

Lab Sample ID: 890-2415-9

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			5.01 g	5 mL	27836	06/17/22 16:16	MR	XEN MID
Total/NA	Analysis	8021B		1			27881	06/20/22 20:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27704	06/16/22 14:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27649	06/17/22 00:53	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27815	06/17/22 12:07	SC	XEN MID
Soluble	Analysis	300.0		1			28074	06/23/22 00:03	CH	XEN MID

Client Sample ID: B-53

Date Collected: 06/14/22 08:00

Date Received: 06/15/22 10:53

Lab Sample ID: 890-2415-10

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			5.03 g	5 mL	27836	06/17/22 16:16	MR	XEN MID
Total/NA	Analysis	8021B		1			27881	06/20/22 21:16	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27704	06/16/22 14:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27649	06/17/22 01:14	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	27815	06/17/22 12:07	SC	XEN MID
Soluble	Analysis	300.0		1			28074	06/23/22 00:12	CH	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-54

Lab Sample ID: 890-2415-11

Date Collected: 06/14/22 08:20

Matrix: Solid

Date Received: 06/15/22 10:53

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	27836	06/17/22 16:16	MR	XEN MID
Total/NA	Analysis	8021B		1			27881	06/20/22 21:42	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27704	06/16/22 14:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27649	06/17/22 01:56	AJ	XEN MID
Soluble	Leach	DI Leach			5.00 g	50 mL	27815	06/17/22 12:07	SC	XEN MID
Soluble	Analysis	300.0		1			28074	06/23/22 00:21	CH	XEN MID

Client Sample ID: B-55

Lab Sample ID: 890-2415-12

Date Collected: 06/14/22 08:29

Matrix: Solid

Date Received: 06/15/22 10:53

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	27836	06/17/22 16:16	MR	XEN MID
Total/NA	Analysis	8021B		1			27881	06/20/22 22:08	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27704	06/16/22 14:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27649	06/17/22 02:17	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	27815	06/17/22 12:07	SC	XEN MID
Soluble	Analysis	300.0		1			28074	06/23/22 00:30	CH	XEN MID

Client Sample ID: B-56

Lab Sample ID: 890-2415-13

Date Collected: 06/14/22 08:30

Matrix: Solid

Date Received: 06/15/22 10:53

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	27836	06/17/22 16:16	MR	XEN MID
Total/NA	Analysis	8021B		1			27881	06/20/22 22:34	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27704	06/16/22 14:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27649	06/17/22 02:38	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27815	06/17/22 12:07	SC	XEN MID
Soluble	Analysis	300.0		1			28074	06/23/22 00:58	CH	XEN MID

Client Sample ID: B-57

Lab Sample ID: 890-2415-14

Date Collected: 06/14/22 08:45

Matrix: Solid

Date Received: 06/15/22 10:53

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	27836	06/17/22 16:16	MR	XEN MID
Total/NA	Analysis	8021B		1			27881	06/20/22 23:00	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-57

Date Collected: 06/14/22 08:45

Date Received: 06/15/22 10:53

Lab Sample ID: 890-2415-14

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			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27704	06/16/22 14:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27649	06/17/22 02:59	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27815	06/17/22 12:07	SC	XEN MID
Soluble	Analysis	300.0		1			28074	06/23/22 01:07	CH	XEN MID

Client Sample ID: B-58

Date Collected: 06/14/22 09:15

Date Received: 06/15/22 10:53

Lab Sample ID: 890-2415-15

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			4.99 g	5 mL	27841	06/17/22 16:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27895	06/21/22 00:21	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	27704	06/16/22 14:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27649	06/17/22 03:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	27815	06/17/22 12:07	SC	XEN MID
Soluble	Analysis	300.0		1			28074	06/23/22 01:35	CH	XEN MID

Client Sample ID: B-59

Date Collected: 06/14/22 09:22

Date Received: 06/15/22 10:53

Lab Sample ID: 890-2415-16

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			4.95 g	5 mL	27841	06/17/22 16:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27895	06/21/22 00:41	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27704	06/16/22 14:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27649	06/17/22 03:41	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	27815	06/17/22 12:07	SC	XEN MID
Soluble	Analysis	300.0		1			28074	06/23/22 01:44	CH	XEN MID

Client Sample ID: B-60

Date Collected: 06/14/22 09:26

Date Received: 06/15/22 10:53

Lab Sample ID: 890-2415-17

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			5.01 g	5 mL	27841	06/17/22 16:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27895	06/21/22 01:02	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27704	06/16/22 14:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27649	06/17/22 04:02	AJ	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-60

Date Collected: 06/14/22 09:26

Date Received: 06/15/22 10:53

Lab Sample ID: 890-2415-17

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	27815	06/17/22 12:07	SC	XEN MID
Soluble	Analysis	300.0		1			28074	06/23/22 01:53	CH	XEN MID

Client Sample ID: B-61

Date Collected: 06/14/22 09:29

Date Received: 06/15/22 10:53

Lab Sample ID: 890-2415-18

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	27841	06/17/22 16:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27895	06/21/22 01:23	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27704	06/16/22 14:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27649	06/17/22 04:23	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	27815	06/17/22 12:07	SC	XEN MID
Soluble	Analysis	300.0		1			28074	06/23/22 02:02	CH	XEN MID

Client Sample ID: B-62

Date Collected: 06/14/22 09:33

Date Received: 06/15/22 10:53

Lab Sample ID: 890-2415-19

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			5.01 g	5 mL	27841	06/17/22 16:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27895	06/21/22 01:43	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27704	06/16/22 14:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27649	06/17/22 04:45	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	27815	06/17/22 12:07	SC	XEN MID
Soluble	Analysis	300.0		1			28074	06/23/22 02:12	CH	XEN MID

Client Sample ID: B-63

Date Collected: 06/14/22 09:37

Date Received: 06/15/22 10:53

Lab Sample ID: 890-2415-20

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			5.05 g	5 mL	27841	06/17/22 16:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27895	06/21/22 02:04	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	27704	06/16/22 14:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27649	06/17/22 05:06	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	27815	06/17/22 12:07	SC	XEN MID
Soluble	Analysis	300.0		1			28074	06/23/22 02:21	CH	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-64

Lab Sample ID: 890-2415-21

Date Collected: 06/14/22 09:42

Matrix: Solid

Date Received: 06/15/22 10:53

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	27841	06/17/22 16:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27895	06/21/22 02:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27655	06/16/22 08:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27649	06/16/22 18:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27815	06/17/22 12:07	SC	XEN MID
Soluble	Analysis	300.0		1			28074	06/23/22 02:30	CH	XEN MID

Client Sample ID: B-65

Lab Sample ID: 890-2415-22

Date Collected: 06/14/22 09:47

Matrix: Solid

Date Received: 06/15/22 10:53

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	27841	06/17/22 16:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27895	06/21/22 02:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27655	06/16/22 08:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27649	06/16/22 18:31	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27816	06/17/22 12:11	SC	XEN MID
Soluble	Analysis	300.0		1			28122	06/22/22 09:34	CH	XEN MID

Client Sample ID: B-66

Lab Sample ID: 890-2415-23

Date Collected: 06/14/22 09:53

Matrix: Solid

Date Received: 06/15/22 10:53

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	27841	06/17/22 16:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27895	06/21/22 03:06	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27655	06/16/22 08:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27649	06/16/22 18:53	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27816	06/17/22 12:11	SC	XEN MID
Soluble	Analysis	300.0		1			28122	06/22/22 10:02	CH	XEN MID

Client Sample ID: B-67

Lab Sample ID: 890-2415-24

Date Collected: 06/14/22 10:00

Matrix: Solid

Date Received: 06/15/22 10:53

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	27841	06/17/22 16:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27895	06/21/22 03:26	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-67

Lab Sample ID: 890-2415-24

Date Collected: 06/14/22 10:00

Matrix: Solid

Date Received: 06/15/22 10:53

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			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	27655	06/16/22 08:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27649	06/16/22 19:14	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	27816	06/17/22 12:11	SC	XEN MID
Soluble	Analysis	300.0		1			28122	06/22/22 10:11	CH	XEN MID

Client Sample ID: B-68

Lab Sample ID: 890-2415-25

Date Collected: 06/14/22 10:10

Matrix: Solid

Date Received: 06/15/22 10:53

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	27841	06/17/22 16:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27895	06/21/22 04:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27655	06/16/22 08:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27649	06/16/22 19:36	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	27816	06/17/22 12:11	SC	XEN MID
Soluble	Analysis	300.0		1			28122	06/22/22 10:20	CH	XEN MID

Client Sample ID: B-69

Lab Sample ID: 890-2415-26

Date Collected: 06/14/22 13:20

Matrix: Solid

Date Received: 06/15/22 10:53

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	27841	06/17/22 16:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27895	06/21/22 05:10	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27656	06/16/22 08:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27647	06/16/22 17:25	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27816	06/17/22 12:11	SC	XEN MID
Soluble	Analysis	300.0		1			28122	06/22/22 10:29	CH	XEN MID

Client Sample ID: B-70

Lab Sample ID: 890-2415-27

Date Collected: 06/14/22 13:27

Matrix: Solid

Date Received: 06/15/22 10:53

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	27841	06/17/22 16:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27895	06/21/22 05:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27656	06/16/22 08:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27647	06/16/22 17:47	AJ	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-70

Date Collected: 06/14/22 13:27

Date Received: 06/15/22 10:53

Lab Sample ID: 890-2415-27

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			5.05 g	50 mL	27816	06/17/22 12:11	SC	XEN MID
Soluble	Analysis	300.0		1			28122	06/22/22 10:57	CH	XEN MID

Client Sample ID: B-71

Date Collected: 06/14/22 13:30

Date Received: 06/15/22 10:53

Lab Sample ID: 890-2415-28

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	27841	06/17/22 16:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27895	06/21/22 05:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27656	06/16/22 08:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27647	06/16/22 18:09	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	27816	06/17/22 12:11	SC	XEN MID
Soluble	Analysis	300.0		1			28122	06/22/22 11:06	CH	XEN MID

Client Sample ID: B-72

Date Collected: 06/14/22 13:35

Date Received: 06/15/22 10:53

Lab Sample ID: 890-2415-29

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			5.02 g	5 mL	27841	06/17/22 16:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27895	06/21/22 06:12	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27656	06/16/22 08:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27647	06/16/22 18:31	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27816	06/17/22 12:11	SC	XEN MID
Soluble	Analysis	300.0		1			28122	06/22/22 11:15	CH	XEN MID

Client Sample ID: B-73

Date Collected: 06/14/22 13:39

Date Received: 06/15/22 10:53

Lab Sample ID: 890-2415-30

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			5.03 g	5 mL	27841	06/17/22 16:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27895	06/21/22 06:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27656	06/16/22 08:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27647	06/16/22 18:53	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27816	06/17/22 12:11	SC	XEN MID
Soluble	Analysis	300.0		1			28122	06/22/22 11:25	CH	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-74

Lab Sample ID: 890-2415-31

Date Collected: 06/14/22 13:40

Matrix: Solid

Date Received: 06/15/22 10:53

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	27841	06/17/22 16:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27895	06/21/22 06:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27656	06/16/22 08:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27647	06/16/22 19:14	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27816	06/17/22 12:11	SC	XEN MID
Soluble	Analysis	300.0		1			28122	06/22/22 11:34	CH	XEN MID

Client Sample ID: B-75

Lab Sample ID: 890-2415-32

Date Collected: 06/14/22 13:42

Matrix: Solid

Date Received: 06/15/22 10:53

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	27841	06/17/22 16:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27895	06/21/22 07:14	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27656	06/16/22 08:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27647	06/16/22 19:36	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27816	06/17/22 12:11	SC	XEN MID
Soluble	Analysis	300.0		1			28122	06/22/22 11:43	CH	XEN MID

Client Sample ID: B-76

Lab Sample ID: 890-2415-33

Date Collected: 06/14/22 13:48

Matrix: Solid

Date Received: 06/15/22 10:53

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	27841	06/17/22 16:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27895	06/21/22 07:34	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	27706	06/16/22 14:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27647	06/17/22 02:38	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	27816	06/17/22 12:11	SC	XEN MID
Soluble	Analysis	300.0		1			28122	06/22/22 12:11	CH	XEN MID

Client Sample ID: B-77

Lab Sample ID: 890-2415-34

Date Collected: 06/14/22 13:54

Matrix: Solid

Date Received: 06/15/22 10:53

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	27841	06/17/22 16:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27895	06/21/22 07:55	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-77

Lab Sample ID: 890-2415-34

Date Collected: 06/14/22 13:54

Matrix: Solid

Date Received: 06/15/22 10:53

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			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27706	06/16/22 14:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27647	06/17/22 02:59	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	27816	06/17/22 12:11	SC	XEN MID
Soluble	Analysis	300.0		1			28122	06/22/22 12:48	CH	XEN MID

Client Sample ID: B-78

Lab Sample ID: 890-2415-35

Date Collected: 06/14/22 13:57

Matrix: Solid

Date Received: 06/15/22 10:53

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	27842	06/17/22 16:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27879	06/21/22 00:46	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27706	06/16/22 14:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27647	06/17/22 03:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27816	06/17/22 12:11	SC	XEN MID
Soluble	Analysis	300.0		1			28122	06/22/22 13:15	CH	XEN MID

Client Sample ID: B-79

Lab Sample ID: 890-2415-36

Date Collected: 06/14/22 14:00

Matrix: Solid

Date Received: 06/15/22 10:53

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	27842	06/17/22 16:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27879	06/21/22 01:07	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27706	06/16/22 14:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27647	06/17/22 03:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27816	06/17/22 12:11	SC	XEN MID
Soluble	Analysis	300.0		1			28122	06/22/22 13:25	CH	XEN MID

Client Sample ID: B-80

Lab Sample ID: 890-2415-37

Date Collected: 06/14/22 14:10

Matrix: Solid

Date Received: 06/15/22 10:53

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	27842	06/17/22 16:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27879	06/21/22 01:27	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27706	06/16/22 14:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27647	06/17/22 04:02	AJ	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-80

Lab Sample ID: 890-2415-37

Date Collected: 06/14/22 14:10

Matrix: Solid

Date Received: 06/15/22 10:53

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	27816	06/17/22 12:11	SC	XEN MID
Soluble	Analysis	300.0		1			28122	06/22/22 13:34	CH	XEN MID

Client Sample ID: B-81

Lab Sample ID: 890-2415-38

Date Collected: 06/14/22 14:23

Matrix: Solid

Date Received: 06/15/22 10:53

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	27842	06/17/22 16:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27879	06/21/22 01:48	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27706	06/16/22 14:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27647	06/17/22 04:23	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	27816	06/17/22 12:11	SC	XEN MID
Soluble	Analysis	300.0		1			28122	06/22/22 13:43	CH	XEN MID

Client Sample ID: B-82

Lab Sample ID: 890-2415-39

Date Collected: 06/14/22 14:20

Matrix: Solid

Date Received: 06/15/22 10:53

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	27842	06/17/22 16:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27879	06/21/22 02:08	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27720	06/16/22 15:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27643	06/17/22 01:02	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27816	06/17/22 12:11	SC	XEN MID
Soluble	Analysis	300.0		1			28122	06/22/22 13:52	CH	XEN MID

Client Sample ID: B-83

Lab Sample ID: 890-2415-40

Date Collected: 06/14/22 14:22

Matrix: Solid

Date Received: 06/15/22 10:53

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	27842	06/17/22 16:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27879	06/21/22 02:28	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	27720	06/16/22 15:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27643	06/17/22 01:24	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27816	06/17/22 12:11	SC	XEN MID
Soluble	Analysis	300.0		1			28122	06/22/22 14:01	CH	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-84

Lab Sample ID: 890-2415-41

Date Collected: 06/14/22 14:25

Matrix: Solid

Date Received: 06/15/22 10:53

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	27842	06/17/22 16:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27879	06/21/22 02:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27720	06/16/22 15:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27643	06/17/22 01:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27816	06/17/22 12:11	SC	XEN MID
Soluble	Analysis	300.0		1			28122	06/22/22 14:11	CH	XEN MID

Client Sample ID: B-85

Lab Sample ID: 890-2415-42

Date Collected: 06/14/22 14:30

Matrix: Solid

Date Received: 06/15/22 10:53

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	27842	06/17/22 16:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27879	06/21/22 03:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27720	06/16/22 15:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27643	06/17/22 02:07	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27817	06/17/22 12:13	SC	XEN MID
Soluble	Analysis	300.0		1			28123	06/23/22 07:34	CH	XEN MID

Client Sample ID: B-86

Lab Sample ID: 890-2415-43

Date Collected: 06/14/22 14:50

Matrix: Solid

Date Received: 06/15/22 10:53

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	27842	06/17/22 16:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27879	06/21/22 03:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27720	06/16/22 15:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27643	06/17/22 02:28	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27817	06/17/22 12:13	SC	XEN MID
Soluble	Analysis	300.0		1			28123	06/23/22 07:44	CH	XEN MID

Client Sample ID: B-87

Lab Sample ID: 890-2415-44

Date Collected: 06/14/22 15:00

Matrix: Solid

Date Received: 06/15/22 10:53

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	27842	06/17/22 16:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27879	06/21/22 03:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28037	06/21/22 10:44	SM	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Client Sample ID: B-87
Date Collected: 06/14/22 15:00
Date Received: 06/15/22 10:53

Lab Sample ID: 890-2415-44
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			27748	06/17/22 08:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27720	06/16/22 15:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27643	06/17/22 03:11	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	27817	06/17/22 12:13	SC	XEN MID
Soluble	Analysis	300.0		1			28123	06/23/22 07:53	CH	XEN MID

Laboratory References:
XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Accreditation/Certification Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
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: Fearless 23 Fed Com

Job ID: 890-2415-1
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

Eurofins Carlsbad

Sample Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 Fed Com

Job ID: 890-2415-1
SDG: 5198

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-2415-1	B-44	Solid	06/14/22 07:10	06/15/22 10:53	0 - 4
890-2415-2	B-45	Solid	06/14/22 07:20	06/15/22 10:53	0 - 4
890-2415-3	B-46	Solid	06/14/22 07:30	06/15/22 10:53	0 - 4
890-2415-4	B-47	Solid	06/14/22 07:33	06/15/22 10:53	0 - 4
890-2415-5	B-48	Solid	06/14/22 07:36	06/15/22 10:53	0 - 3.5
890-2415-6	B-49	Solid	06/14/22 07:39	06/15/22 10:53	0 - 3.5
890-2415-7	B-50	Solid	06/14/22 07:42	06/15/22 10:53	0 - 4
890-2415-8	B-51	Solid	06/14/22 07:49	06/15/22 10:53	0 - 4
890-2415-9	B-52	Solid	06/14/22 07:55	06/15/22 10:53	0 - 4
890-2415-10	B-53	Solid	06/14/22 08:00	06/15/22 10:53	0 - 4
890-2415-11	B-54	Solid	06/14/22 08:20	06/15/22 10:53	0 - 3.5
890-2415-12	B-55	Solid	06/14/22 08:29	06/15/22 10:53	0 - 3.5
890-2415-13	B-56	Solid	06/14/22 08:30	06/15/22 10:53	0 - 3.5
890-2415-14	B-57	Solid	06/14/22 08:45	06/15/22 10:53	0 - 3.5
890-2415-15	B-58	Solid	06/14/22 09:15	06/15/22 10:53	0 - 4
890-2415-16	B-59	Solid	06/14/22 09:22	06/15/22 10:53	0 - 4
890-2415-17	B-60	Solid	06/14/22 09:26	06/15/22 10:53	0 - 4
890-2415-18	B-61	Solid	06/14/22 09:29	06/15/22 10:53	0 - 3.5
890-2415-19	B-62	Solid	06/14/22 09:33	06/15/22 10:53	0 - 3.5
890-2415-20	B-63	Solid	06/14/22 09:37	06/15/22 10:53	0 - 3.5
890-2415-21	B-64	Solid	06/14/22 09:42	06/15/22 10:53	0 - 4
890-2415-22	B-65	Solid	06/14/22 09:47	06/15/22 10:53	0 - 4
890-2415-23	B-66	Solid	06/14/22 09:53	06/15/22 10:53	0 - 4
890-2415-24	B-67	Solid	06/14/22 10:00	06/15/22 10:53	0 - 3.5
890-2415-25	B-68	Solid	06/14/22 10:10	06/15/22 10:53	0 - 3.5
890-2415-26	B-69	Solid	06/14/22 13:20	06/15/22 10:53	0 - 4
890-2415-27	B-70	Solid	06/14/22 13:27	06/15/22 10:53	0 - 4
890-2415-28	B-71	Solid	06/14/22 13:30	06/15/22 10:53	0 - 3.5
890-2415-29	B-72	Solid	06/14/22 13:35	06/15/22 10:53	0 - 3.5
890-2415-30	B-73	Solid	06/14/22 13:39	06/15/22 10:53	0 - 4
890-2415-31	B-74	Solid	06/14/22 13:40	06/15/22 10:53	0 - 4
890-2415-32	B-75	Solid	06/14/22 13:42	06/15/22 10:53	0 - 3.5
890-2415-33	B-76	Solid	06/14/22 13:48	06/15/22 10:53	0 - 3.5
890-2415-34	B-77	Solid	06/14/22 13:54	06/15/22 10:53	0 - 3.5
890-2415-35	B-78	Solid	06/14/22 13:57	06/15/22 10:53	0 - 4
890-2415-36	B-79	Solid	06/14/22 14:00	06/15/22 10:53	0 - 4
890-2415-37	B-80	Solid	06/14/22 14:10	06/15/22 10:53	0 - 3.5
890-2415-38	B-81	Solid	06/14/22 14:23	06/15/22 10:53	0 - 4
890-2415-39	B-82	Solid	06/14/22 14:20	06/15/22 10:53	0 - 3.5
890-2415-40	B-83	Solid	06/14/22 14:22	06/15/22 10:53	0 - 4
890-2415-41	B-84	Solid	06/14/22 14:25	06/15/22 10:53	0 - 3.5
890-2415-42	B-85	Solid	06/14/22 14:30	06/15/22 10:53	0 - 4
890-2415-43	B-86	Solid	06/14/22 14:50	06/15/22 10:53	0 - 4
890-2415-44	B-87	Solid	06/14/22 15:00	06/15/22 10:53	0 - 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 1 of 5

Project Manager:	Will Kierdorf	Bill to: (if different)	
Company Name:	Kanger	Company Name:	EOB Resources Inc - Midland
Address:	PO 201179	Address:	5509 Champion Dr.
City, State ZIP:	Austin TX 78720	City, State ZIP:	Midland TX
Phone:		Email:	will.k@kangerenv.com

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

Project Name:	FEARLESS 23 FED COM	Tum Around	☒ Routine ☐ Rush	Pres. Code		ANALYSIS REQUEST		Preservative Codes
Project Number:	5198	Due Date:						None: NO DI Water: H ₂ O
Project Location:	Rural LIA CO NM	TAT starts the day received by the lab, if received by 4:30pm						Cool: Cool MeOH: Me
Sampler's Name:	J. Martinez	Correction Factor:						HCL: HC HNO ₃ : HN
PO #:		Temperature Reading:						H ₂ SO ₄ : H ₂ NaOH: Na
SAMPLE RECEIPT	Temp Blank: ☒ No ☐ Yes	Wet Ice: ☒ No ☐ Yes						H ₃ PO ₄ : HP
Samples Received Intact:	☒ Yes ☐ No	Thermometer ID:	THW-007					NaHSO ₄ : NABIS
Cooler Custody Seals:	☒ Yes ☐ No	Corrected Temperature:	-20.2					Na ₂ S ₂ O ₃ : NASO ₃
Sample Custody Seals:	☒ Yes ☐ No		3.0					Zn Acetate+NaOH: Zn
Total Containers:			2.5					NaOH+Ascorbic Acid: SAPC
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont		Sample Comments
B-44	Soil	6-14-22	0710	0-4'	Comp	1		
B-45			0720	0-4'				
B-46			0730	0-4'				
B-47			0733	0-4'				
B-48			0736	0-3.5'				
B-49			0739	0-3.5'				
B-50			0742	0-4'				
B-51			0749	0-4'				
B-52			0755	0-4'				
B-53			0806	0-4'				



890-2415 Chain of Custody

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

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
<i>[Signature]</i>	<i>[Signature]</i>	6-15-22 1053			



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) 392-7350, Carlsbad, NM (575) 988-3199

Chain of Custody

Work Order No: _____

www.xenco.com

Page 2 of 5

Project Manager:	ON FILE	Bill to: (if different)	EOC Resources INC - MIDLAND
Company Name:		Company Name:	5501 Champion Dr.
Address:		Address:	MIDLAND TX
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:	FEARLESS 23 FEO COM	Turn Around	☐ Routine ☐ Rush	Pres. Code		ANALYSIS REQUEST		Preservative Codes	None: NO DI Water: H ₂ O 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: SARC
Project Number:	5198								
Project Location:	RURAL LEA COMM	Due Date:							
Sampler's Name:	J. Martinez	TAT starts the day received by the lab, if received by 4:30pm							
P.O. #:									
SAMPLE RECEIPT	Temp Blank:	Yes No	Thermometer ID:	Wet Ice:	Yes No				
Samples Received Intact:	Yes No		Correction Factor:						
Cooler Custody Seals:	Yes No		Temperature Reading:						
Sample Custody Seals:	Yes No		Corrected Temperature:						
Total Containers:									

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	Sample Comments
B-54	Salt	6-14-22	0820	0-3.5'	WMS	1	BTE (8021)	
B-55			0830	0-3.5'		1	TDM (8015) TPH ^{2m}	
B-56			0845	0-3.5'		1	CHLORIDE (EPA 300)	
B-57			0915	0-4'		1		
B-58			0922	0-4'		1		
B-59			0930	0-4'		1		
B-60			0939	0-3.5'		1		
B-61			0933	0-3.5'		1		
B-62			0937	0-3.5'		1		
B-63						1		

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

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
		6-15-22			

Revised Date 08/25/2020 Rev. 2020.2



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 3 of 5

Project Manager:	ON FILE	Bill to: (if different)	
Company Name:		Company Name:	EOG Resources INC-MIDLAND
Address:		Address:	5509 Champion Dr.
City, State ZIP:		City, State ZIP:	MIDLAND TX
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:	FEARLESS 23 FEB COM	Turn Around	☐ Routine ☐ Rush	Pres. Code		ANALYSIS REQUEST										Preservative Codes		
Project Number:	5198															None: NO	DI Water: H ₂ O	
Project Location:	Rural LEA Co. NM	Due Date:														Cool: Cool	MeOH: Me	
Sampler's Name:	J. Martinez	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:	Yes No	Wet Lab:	Yes No											H ₃ PO ₄ : HP	
Samples Received Intact:	Yes No																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: SARC	
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont											Sample Comments	
B-64	Soil	6-14-22	0942	0-4'	Comp	1	X	BTE (8621)	X	TPM (8015) TPA	X	CHLORIDE (EPABOC)						
B-65			0947	0-4'		1												
B-66			0953	0-4'		1												
B-67			1000	0-3.5'		1												
B-68			1010	0-3.5'		1												
B-69			1328	0-4'		1												
B-70			1327	0-4'		1												
B-71			1330	0-3.5'		1												
B-72			1335	0-3.5'		1												
B-73			1339	0-4'		1												

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
	ATW C111P24	6-15-22			



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 5

Project Manager:	DU FILE	Bill to: (if different)	
Company Name:		Company Name:	EOG Resources INC - MIDLAND
Address:		Address:	5309 Champion Dr.
City, State ZIP:		City, State ZIP:	MIDLAND TX
Phone:		Email:	

Project Name:	FEARLESS 23 FEB 04	Turn Around	☐ Routine ☐ Rush	Pres. Code	
Project Number:	5198	Due Date:			
Project Location:	RUGALIEA 20 NM	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	J. Martinez				
P.O. #:					
SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Inact:	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	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	ANALYSIS REQUEST										Preservative Codes		Sample Comments
							BTEX (8021)	TPH (8015)	CHLORIDE (EPA 300)								None: NO	DI Water: H ₂ O	
B-74	Gril	6-14-02	1340	0-4'	comp	1	X	X	X								Cool: Cool	MeOH: Me	
B-75			1342	0-3.5'		1											HCL: HC	HNO ₃ : HN	
B-76			1348	0-3.5'		1											H ₂ SO ₄ : H ₂	NaOH: Na	
B-77			1354	0-3.5'		1											H ₃ PO ₄ : HP		
B-78			1357	0-4'		1											NaHSO ₄ : NABIS		
B-79			1400	0-4'		1											Na ₂ S ₂ O ₃ : NaSO ₃		
D-80			1410	0-3.5'		1											Zn Acetate+NaOH: Zn		
B-81			1423	0-4'		1											NaOH+Ascorbic Acid: SAPC		
B-82			1440	0-3.5'		1													
B-83			1422	0-4'		1													

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

Notices: 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
		6-15-02			



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 5 of 5

Project Manager:	ON FILE	Bill to: (if different)	
Company Name:		Company Name:	EOC Resources Inc. Midland
Address:		Address:	5509 Chambers Dr.
City, State Zip:		City, State Zip:	MIDLAND TX
Phone:		Email:	

Program:	UST/PT ☐ 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:	FEARLESS 23 FEB 2014	Turn Around	☐ Routine ☐ Rush	Pres. Code		ANALYSIS REQUEST										Preservative Codes					
Project Number:	5198	Due Date:														None: NO	DI Water: H ₂ O				
Project Location:	Rural LEA Co NM	TAT starts the day received by the lab, if received by 4:30pm														Cool: Cool	MeOH: Me				
Sampler's Name:	J. Martinez															HCL: HC	HNO ₃ : HN				
P.O. #:																H ₂ SO ₄ : H ₂	NaOH: Na				
SAMPLE RECEIPT	Temp Blank:	Yes No	Thermomixer ID:	Yes No	Wet Ice:	Yes No											H ₃ PO ₄ : HP				
Samples Received Intact:	Yes No		Correction Factor:	Yes No													NaHSO ₄ : NABIS				
Cooler Custody Seals:	Yes No	N/A	Temperature Reading:	Yes No													Na ₂ S ₂ O ₅ : 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				
B-84	501	6-14-22	1425	0-3.5'	CMP	1	X	X	X												
B-85	6-1	1430	0-4'	1	1	1	X	X	X												
B-86	1450	6-4'	1	1	1	1	X	X	X												
B-87	1500	0-3.5'	1	1	1	1	X	X	X												

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

Notes: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and sub-contractors. 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
		6-15-22			

Login Sample Receipt Checklist

Client: Ranger Environmental Services, Inc

Job Number: 890-2415-1

SDG Number: 5198

Login Number: 2415**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: 890-2415-1

SDG Number: 5198

Login Number: 2415**List Number: 2****Creator: Rodriguez, Leticia****List Source: Eurofins Midland****List Creation: 06/16/22 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: 890-2471-1
Laboratory Sample Delivery Group: 5198
Client Project/Site: Fearless 23 FED Com

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

Attn: Will Kierdorf

A handwritten signature in dark ink that reads "Chad A. Bechtold".

Authorized for release by:
7/12/2022 4:27:58 PM
Chad Bechtold, Project Manager
(813)690-3563
Chad.Bechtold@et.eurofinsus.com

Designee for
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: Fearless 23 FED Com

Laboratory Job ID: 890-2471-1
SDG: 5198

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	24
QC Sample Results	26
QC Association Summary	36
Lab Chronicle	43
Certification Summary	50
Method Summary	51
Sample Summary	52
Chain of Custody	53
Receipt Checklists	56

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
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.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
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.
α	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: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

Job ID: 890-2471-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-2471-1

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

Method 8021B: The absolute response for Benzene and o-Xylene was greater than the method reporting limit (RL) in the following sample: (LCSD 880-29119/2-A). The instrument raw data has been manually reviewed and the result can be reported as ND.

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).

Method 8015MOD_NM: The matrix spike (MS) recoveries for preparation batch 880-28738 and analytical batch 880-28713 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: B8-W1 (890-2471-1). Evidence of matrix interferences is not obvious.

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: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

Client Sample ID: B8-W1

Lab Sample ID: 890-2471-1

Date Collected: 06/27/22 11:30

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 4' - 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		07/01/22 15:30	07/04/22 12:35	1
Toluene	<0.00198	U	0.00198	mg/Kg		07/01/22 15:30	07/04/22 12:35	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		07/01/22 15:30	07/04/22 12:35	1
m,p-Xylenes	<0.00396	U	0.00396	mg/Kg		07/01/22 15:30	07/04/22 12:35	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		07/01/22 15:30	07/04/22 12:35	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		07/01/22 15:30	07/04/22 12:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	07/01/22 15:30	07/04/22 12:35	1
1,4-Difluorobenzene (Surr)	104		70 - 130	07/01/22 15:30	07/04/22 12:35	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			07/05/22 16:07	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			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	<49.9	U	49.9	mg/Kg		06/29/22 16:21	07/01/22 11:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/29/22 16:21	07/01/22 11:08	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/29/22 16:21	07/01/22 11:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	127		70 - 130	06/29/22 16:21	07/01/22 11:08	1
o-Terphenyl (Surr)	133	S1+	70 - 130	06/29/22 16:21	07/01/22 11:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	115		5.00	mg/Kg			07/05/22 00:22	1

Client Sample ID: B8-W2

Lab Sample ID: 890-2471-2

Date Collected: 06/27/22 11:32

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 4' - 14'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		07/01/22 15:30	07/04/22 12:56	1
Toluene	<0.00202	U	0.00202	mg/Kg		07/01/22 15:30	07/04/22 12:56	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		07/01/22 15:30	07/04/22 12:56	1
m,p-Xylenes	<0.00403	U	0.00403	mg/Kg		07/01/22 15:30	07/04/22 12:56	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		07/01/22 15:30	07/04/22 12:56	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		07/01/22 15:30	07/04/22 12:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	07/01/22 15:30	07/04/22 12:56	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

Client Sample ID: B8-W2

Lab Sample ID: 890-2471-2

Date Collected: 06/27/22 11:32

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 4' - 14'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	102		70 - 130	07/01/22 15:30	07/04/22 12:56	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			07/05/22 16:07	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		06/29/22 16:21	07/01/22 12:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/29/22 16:21	07/01/22 12:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/29/22 16:21	07/01/22 12:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130			06/29/22 16:21	07/01/22 12:13	1
o-Terphenyl (Surr)	107		70 - 130			06/29/22 16:21	07/01/22 12:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	154		4.95	mg/Kg			07/05/22 00:46	1

Client Sample ID: B8-W3

Lab Sample ID: 890-2471-3

Date Collected: 06/27/22 11:34

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 4' - 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		07/01/22 15:30	07/04/22 13:17	1
Toluene	<0.00200	U	0.00200	mg/Kg		07/01/22 15:30	07/04/22 13:17	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		07/01/22 15:30	07/04/22 13:17	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		07/01/22 15:30	07/04/22 13:17	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		07/01/22 15:30	07/04/22 13:17	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		07/01/22 15:30	07/04/22 13:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	07/01/22 15:30	07/04/22 13:17	1
1,4-Difluorobenzene (Surr)	101		70 - 130	07/01/22 15:30	07/04/22 13:17	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			07/05/22 16:07	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			07/01/22 13:31	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

Client Sample ID: B8-W3

Lab Sample ID: 890-2471-3

Date Collected: 06/27/22 11:34

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 4' - 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	<49.9	U	49.9	mg/Kg		06/29/22 16:21	07/01/22 12:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/29/22 16:21	07/01/22 12:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/29/22 16:21	07/01/22 12:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	116		70 - 130			06/29/22 16:21	07/01/22 12:35	1
o-Terphenyl (Surr)	119		70 - 130			06/29/22 16:21	07/01/22 12:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	78.8		5.04	mg/Kg			07/05/22 00:54	1

Client Sample ID: B8-W4

Lab Sample ID: 890-2471-4

Date Collected: 06/27/22 11:36

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 4' - 14'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		07/01/22 15:30	07/04/22 13:37	1
Toluene	<0.00202	U	0.00202	mg/Kg		07/01/22 15:30	07/04/22 13:37	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		07/01/22 15:30	07/04/22 13:37	1
m,p-Xylenes	<0.00404	U	0.00404	mg/Kg		07/01/22 15:30	07/04/22 13:37	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		07/01/22 15:30	07/04/22 13:37	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		07/01/22 15:30	07/04/22 13:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130			07/01/22 15:30	07/04/22 13:37	1
1,4-Difluorobenzene (Surr)	85		70 - 130			07/01/22 15:30	07/04/22 13:37	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			07/05/22 16:07	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		06/29/22 16:21	07/01/22 12:56	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		06/29/22 16:21	07/01/22 12:56	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		06/29/22 16:21	07/01/22 12:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130			06/29/22 16:21	07/01/22 12:56	1
o-Terphenyl (Surr)	104		70 - 130			06/29/22 16:21	07/01/22 12:56	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

Client Sample ID: B8-W4

Lab Sample ID: 890-2471-4

Date Collected: 06/27/22 11:36

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 4' - 14'

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	137		24.9	mg/Kg			07/05/22 01:17	5

Client Sample ID: B8-W5

Lab Sample ID: 890-2471-5

Date Collected: 06/27/22 11:38

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 4' - 14'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U *+ *1	0.00201	mg/Kg		07/06/22 09:01	07/08/22 00:20	1
Toluene	<0.00201	U	0.00201	mg/Kg		07/06/22 09:01	07/08/22 00:20	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		07/06/22 09:01	07/08/22 00:20	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		07/06/22 09:01	07/08/22 00:20	1
o-Xylene	<0.00201	U *+ *1	0.00201	mg/Kg		07/06/22 09:01	07/08/22 00:20	1
Xylenes, Total	<0.00402	U *+ *1	0.00402	mg/Kg		07/06/22 09:01	07/08/22 00:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130			07/06/22 09:01	07/08/22 00:20	1
1,4-Difluorobenzene (Surr)	109		70 - 130			07/06/22 09:01	07/08/22 00:20	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			07/05/22 16:07	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		06/29/22 16:21	07/01/22 13:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/29/22 16:21	07/01/22 13:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/29/22 16:21	07/01/22 13:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	116		70 - 130			06/29/22 16:21	07/01/22 13:18	1
o-Terphenyl (Surr)	119		70 - 130			06/29/22 16:21	07/01/22 13:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.6		4.98	mg/Kg			07/05/22 01:25	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

Client Sample ID: B8-1

Lab Sample ID: 890-2471-6

Date Collected: 06/27/22 11:44

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 14'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200	mg/Kg		07/06/22 09:01	07/08/22 00:40	1
Toluene	<0.00200	U	0.00200	mg/Kg		07/06/22 09:01	07/08/22 00:40	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		07/06/22 09:01	07/08/22 00:40	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		07/06/22 09:01	07/08/22 00:40	1
o-Xylene	<0.00200	U *- *1	0.00200	mg/Kg		07/06/22 09:01	07/08/22 00:40	1
Xylenes, Total	<0.00401	U *- *1	0.00401	mg/Kg		07/06/22 09:01	07/08/22 00:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	07/06/22 09:01	07/08/22 00:40	1
1,4-Difluorobenzene (Surr)	96		70 - 130	07/06/22 09:01	07/08/22 00:40	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			07/05/22 16:07	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			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	<49.9	U	49.9	mg/Kg		06/29/22 16:21	07/01/22 13:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/29/22 16:21	07/01/22 13:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/29/22 16:21	07/01/22 13:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	117		70 - 130	06/29/22 16:21	07/01/22 13:39	1
o-Terphenyl (Surr)	124		70 - 130	06/29/22 16:21	07/01/22 13:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	83.0		5.00	mg/Kg			07/05/22 01:33	1

Client Sample ID: B8-2

Lab Sample ID: 890-2471-7

Date Collected: 06/27/22 11:46

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 14'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U *- *1	0.00202	mg/Kg		07/06/22 09:01	07/08/22 01:01	1
Toluene	<0.00202	U	0.00202	mg/Kg		07/06/22 09:01	07/08/22 01:01	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		07/06/22 09:01	07/08/22 01:01	1
m,p-Xylenes	<0.00404	U	0.00404	mg/Kg		07/06/22 09:01	07/08/22 01:01	1
o-Xylene	<0.00202	U *- *1	0.00202	mg/Kg		07/06/22 09:01	07/08/22 01:01	1
Xylenes, Total	<0.00404	U *- *1	0.00404	mg/Kg		07/06/22 09:01	07/08/22 01:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	07/06/22 09:01	07/08/22 01:01	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

Client Sample ID: B8-2

Lab Sample ID: 890-2471-7

Date Collected: 06/27/22 11:46

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 14'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	07/06/22 09:01	07/08/22 01:01	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			07/05/22 16:07	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			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	<49.9	U	49.9	mg/Kg		06/29/22 16:21	07/01/22 14:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/29/22 16:21	07/01/22 14:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/29/22 16:21	07/01/22 14:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130			06/29/22 16:21	07/01/22 14:01	1
o-Terphenyl (Surr)	112		70 - 130			06/29/22 16:21	07/01/22 14:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.3		5.00	mg/Kg			07/05/22 11:41	1

Client Sample ID: B8-3

Lab Sample ID: 890-2471-8

Date Collected: 06/27/22 11:48

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 14'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200	mg/Kg		07/06/22 09:01	07/08/22 01:22	1
Toluene	<0.00200	U	0.00200	mg/Kg		07/06/22 09:01	07/08/22 01:22	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		07/06/22 09:01	07/08/22 01:22	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		07/06/22 09:01	07/08/22 01:22	1
o-Xylene	<0.00200	U *- *1	0.00200	mg/Kg		07/06/22 09:01	07/08/22 01:22	1
Xylenes, Total	<0.00400	U *- *1	0.00400	mg/Kg		07/06/22 09:01	07/08/22 01:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	07/06/22 09:01	07/08/22 01:22	1
1,4-Difluorobenzene (Surr)	101		70 - 130	07/06/22 09:01	07/08/22 01:22	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			07/05/22 16:07	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

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

Client Sample ID: B8-3

Lab Sample ID: 890-2471-8

Date Collected: 06/27/22 11:48

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 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	50.0	mg/Kg		06/29/22 16:21	07/01/22 14:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/29/22 16:21	07/01/22 14:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/29/22 16:21	07/01/22 14:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	120		70 - 130			06/29/22 16:21	07/01/22 14:22	1
o-Terphenyl (Surr)	125		70 - 130			06/29/22 16:21	07/01/22 14:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	88.9		4.96	mg/Kg			07/05/22 01:49	1

Client Sample ID: B-86/A

Lab Sample ID: 890-2471-9

Date Collected: 06/27/22 12:10

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 5'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U * - *1	0.00200	mg/Kg		07/06/22 09:01	07/08/22 01:42	1
Toluene	<0.00200	U	0.00200	mg/Kg		07/06/22 09:01	07/08/22 01:42	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		07/06/22 09:01	07/08/22 01:42	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		07/06/22 09:01	07/08/22 01:42	1
o-Xylene	<0.00200	U * + *1	0.00200	mg/Kg		07/06/22 09:01	07/08/22 01:42	1
Xylenes, Total	<0.00399	U * + *1	0.00399	mg/Kg		07/06/22 09:01	07/08/22 01:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130			07/06/22 09:01	07/08/22 01:42	1
1,4-Difluorobenzene (Surr)	97		70 - 130			07/06/22 09:01	07/08/22 01:42	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			07/05/22 16:07	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			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	<49.9	U	49.9	mg/Kg		06/29/22 16:21	07/01/22 14:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/29/22 16:21	07/01/22 14:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/29/22 16:21	07/01/22 14:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130			06/29/22 16:21	07/01/22 14:44	1
o-Terphenyl (Surr)	113		70 - 130			06/29/22 16:21	07/01/22 14:44	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

Client Sample ID: B-86/A

Lab Sample ID: 890-2471-9

Date Collected: 06/27/22 12:10

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 5'

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.3		5.03	mg/Kg			07/05/22 01:57	1

Client Sample ID: B-62-W1

Lab Sample ID: 890-2471-10

Date Collected: 06/27/22 13:07

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 4' - 27'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *+ *1	0.00198	mg/Kg		07/06/22 09:01	07/08/22 02:03	1
Toluene	<0.00198	U	0.00198	mg/Kg		07/06/22 09:01	07/08/22 02:03	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		07/06/22 09:01	07/08/22 02:03	1
m,p-Xylenes	<0.00396	U	0.00396	mg/Kg		07/06/22 09:01	07/08/22 02:03	1
o-Xylene	<0.00198	U *+ *1	0.00198	mg/Kg		07/06/22 09:01	07/08/22 02:03	1
Xylenes, Total	<0.00396	U *+ *1	0.00396	mg/Kg		07/06/22 09:01	07/08/22 02:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130			07/06/22 09:01	07/08/22 02:03	1
1,4-Difluorobenzene (Surr)	97		70 - 130			07/06/22 09:01	07/08/22 02:03	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			07/05/22 16:07	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		06/29/22 16:21	07/01/22 15:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/29/22 16:21	07/01/22 15:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/29/22 16:21	07/01/22 15:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130			06/29/22 16:21	07/01/22 15:05	1
o-Terphenyl (Surr)	106		70 - 130			06/29/22 16:21	07/01/22 15:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	71.1		4.98	mg/Kg			07/05/22 02:04	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

Client Sample ID: B-62-W2

Lab Sample ID: 890-2471-11

Date Collected: 06/27/22 13:09

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 4' - 27'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U *- *1	0.00202	mg/Kg		07/06/22 09:01	07/08/22 03:26	1
Toluene	<0.00202	U	0.00202	mg/Kg		07/06/22 09:01	07/08/22 03:26	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		07/06/22 09:01	07/08/22 03:26	1
m,p-Xylenes	<0.00403	U	0.00403	mg/Kg		07/06/22 09:01	07/08/22 03:26	1
o-Xylene	<0.00202	U *- *1	0.00202	mg/Kg		07/06/22 09:01	07/08/22 03:26	1
Xylenes, Total	<0.00403	U *- *1	0.00403	mg/Kg		07/06/22 09:01	07/08/22 03:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	07/06/22 09:01	07/08/22 03:26	1
1,4-Difluorobenzene (Surr)	96		70 - 130	07/06/22 09:01	07/08/22 03:26	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			07/05/22 16:07	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		06/29/22 16:21	07/01/22 15:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/29/22 16:21	07/01/22 15:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/29/22 16:21	07/01/22 15:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130	06/29/22 16:21	07/01/22 15:48	1
o-Terphenyl (Surr)	106		70 - 130	06/29/22 16:21	07/01/22 15:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.7		5.00	mg/Kg			07/06/22 14:39	1

Client Sample ID: B-62-W3

Lab Sample ID: 890-2471-12

Date Collected: 06/27/22 13:11

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 4' - 27'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *- *1	0.00199	mg/Kg		07/06/22 09:01	07/08/22 03:46	1
Toluene	<0.00199	U	0.00199	mg/Kg		07/06/22 09:01	07/08/22 03:46	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		07/06/22 09:01	07/08/22 03:46	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		07/06/22 09:01	07/08/22 03:46	1
o-Xylene	<0.00199	U *- *1	0.00199	mg/Kg		07/06/22 09:01	07/08/22 03:46	1
Xylenes, Total	<0.00398	U *- *1	0.00398	mg/Kg		07/06/22 09:01	07/08/22 03:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	07/06/22 09:01	07/08/22 03:46	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

Client Sample ID: B-62-W3

Lab Sample ID: 890-2471-12

Date Collected: 06/27/22 13:11

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 4' - 27'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	94		70 - 130	07/06/22 09:01	07/08/22 03:46	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			07/05/22 16:07	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		06/29/22 16:21	07/01/22 16:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/29/22 16:21	07/01/22 16:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/29/22 16:21	07/01/22 16:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130			06/29/22 16:21	07/01/22 16:10	1
o-Terphenyl (Surr)	109		70 - 130			06/29/22 16:21	07/01/22 16:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.2		4.99	mg/Kg			07/04/22 14:08	1

Client Sample ID: B-62-W4

Lab Sample ID: 890-2471-13

Date Collected: 06/27/22 13:13

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 4' - 27'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		06/30/22 10:55	07/07/22 17:11	1
Toluene	<0.00202	U	0.00202	mg/Kg		06/30/22 10:55	07/07/22 17:11	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		06/30/22 10:55	07/07/22 17:11	1
m,p-Xylenes	<0.00404	U	0.00404	mg/Kg		06/30/22 10:55	07/07/22 17:11	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		06/30/22 10:55	07/07/22 17:11	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		06/30/22 10:55	07/07/22 17:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	06/30/22 10:55	07/07/22 17:11	1
1,4-Difluorobenzene (Surr)	86		70 - 130	06/30/22 10:55	07/07/22 17:11	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			07/05/22 16:07	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			07/01/22 13:31	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

Client Sample ID: B-62-W4

Lab Sample ID: 890-2471-13

Date Collected: 06/27/22 13:13

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 4' - 27'

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		06/29/22 16:21	07/01/22 16:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/29/22 16:21	07/01/22 16:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/29/22 16:21	07/01/22 16:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130			06/29/22 16:21	07/01/22 16:31	1
o-Terphenyl (Surr)	110		70 - 130			06/29/22 16:21	07/01/22 16:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91.9		4.98	mg/Kg			07/04/22 14:17	1

Client Sample ID: B-62-W5

Lab Sample ID: 890-2471-14

Date Collected: 06/27/22 13:15

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 4' - 27'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		06/30/22 10:55	07/07/22 19:01	1
Toluene	<0.00202	U	0.00202	mg/Kg		06/30/22 10:55	07/07/22 19:01	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		06/30/22 10:55	07/07/22 19:01	1
m,p-Xylenes	<0.00403	U	0.00403	mg/Kg		06/30/22 10:55	07/07/22 19:01	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		06/30/22 10:55	07/07/22 19:01	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		06/30/22 10:55	07/07/22 19:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130			06/30/22 10:55	07/07/22 19:01	1
1,4-Difluorobenzene (Surr)	91		70 - 130			06/30/22 10:55	07/07/22 19:01	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			07/05/22 16:07	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		06/29/22 16:21	07/01/22 16:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/29/22 16:21	07/01/22 16:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/29/22 16:21	07/01/22 16:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	114		70 - 130			06/29/22 16:21	07/01/22 16:53	1
o-Terphenyl (Surr)	122		70 - 130			06/29/22 16:21	07/01/22 16:53	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

Client Sample ID: B-62-W5

Lab Sample ID: 890-2471-14

Date Collected: 06/27/22 13:15

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 4' - 27'

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	484		5.00	mg/Kg			07/05/22 17:45	1

Client Sample ID: B-62-W6

Lab Sample ID: 890-2471-15

Date Collected: 06/27/22 13:17

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 4' - 27'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		07/10/22 14:09	07/11/22 12:19	1
Toluene	<0.00199	U	0.00199	mg/Kg		07/10/22 14:09	07/11/22 12:19	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		07/10/22 14:09	07/11/22 12:19	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		07/10/22 14:09	07/11/22 12:19	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		07/10/22 14:09	07/11/22 12:19	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		07/10/22 14:09	07/11/22 12:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130			07/10/22 14:09	07/11/22 12:19	1
1,4-Difluorobenzene (Surr)	82		70 - 130			07/10/22 14:09	07/11/22 12:19	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			07/05/22 16:07	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			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	<49.9	U	49.9	mg/Kg		06/29/22 16:21	07/01/22 17:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/29/22 16:21	07/01/22 17:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/29/22 16:21	07/01/22 17:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	97		70 - 130			06/29/22 16:21	07/01/22 17:14	1
o-Terphenyl (Surr)	102		70 - 130			06/29/22 16:21	07/01/22 17:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	48.1		4.97	mg/Kg			07/04/22 14:35	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

Client Sample ID: B-62-W7

Lab Sample ID: 890-2471-16

Date Collected: 06/27/22 13:19

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 4' - 27'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		07/10/22 14:09	07/11/22 16:05	1
Toluene	<0.00200	U	0.00200	mg/Kg		07/10/22 14:09	07/11/22 16:05	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		07/10/22 14:09	07/11/22 16:05	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		07/10/22 14:09	07/11/22 16:05	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		07/10/22 14:09	07/11/22 16:05	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		07/10/22 14:09	07/11/22 16:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	07/10/22 14:09	07/11/22 16:05	1
1,4-Difluorobenzene (Surr)	82		70 - 130	07/10/22 14:09	07/11/22 16:05	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			07/05/22 16:07	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			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	<49.9	U	49.9	mg/Kg		06/29/22 16:21	07/01/22 17:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/29/22 16:21	07/01/22 17:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/29/22 16:21	07/01/22 17:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	115		70 - 130	06/29/22 16:21	07/01/22 17:36	1
o-Terphenyl (Surr)	121		70 - 130	06/29/22 16:21	07/01/22 17:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	58.7		4.96	mg/Kg			07/04/22 15:03	1

Client Sample ID: B-62-W8

Lab Sample ID: 890-2471-17

Date Collected: 06/27/22 13:21

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 4' - 27'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		07/10/22 14:09	07/11/22 16:36	1
Toluene	<0.00201	U	0.00201	mg/Kg		07/10/22 14:09	07/11/22 16:36	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		07/10/22 14:09	07/11/22 16:36	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		07/10/22 14:09	07/11/22 16:36	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		07/10/22 14:09	07/11/22 16:36	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		07/10/22 14:09	07/11/22 16:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	07/10/22 14:09	07/11/22 16:36	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

Client Sample ID: B-62-W8

Lab Sample ID: 890-2471-17

Date Collected: 06/27/22 13:21

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 4' - 27'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	89		70 - 130	07/10/22 14:09	07/11/22 16:36	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			07/05/22 16:07	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		06/29/22 16:21	07/01/22 17:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/29/22 16:21	07/01/22 17:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/29/22 16:21	07/01/22 17:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	121		70 - 130			06/29/22 16:21	07/01/22 17:57	1
o-Terphenyl (Surr)	127		70 - 130			06/29/22 16:21	07/01/22 17:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	498		4.96	mg/Kg			07/05/22 17:54	1

Client Sample ID: B-62-W9

Lab Sample ID: 890-2471-18

Date Collected: 06/27/22 13:23

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 4' - 27'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0401	U	0.0401	mg/Kg		07/10/22 14:09	07/11/22 23:19	20
Toluene	<0.0401	U	0.0401	mg/Kg		07/10/22 14:09	07/11/22 23:19	20
Ethylbenzene	<0.0401	U	0.0401	mg/Kg		07/10/22 14:09	07/11/22 23:19	20
m,p-Xylenes	<0.0802	U	0.0802	mg/Kg		07/10/22 14:09	07/11/22 23:19	20
o-Xylene	<0.0401	U	0.0401	mg/Kg		07/10/22 14:09	07/11/22 23:19	20
Xylenes, Total	<0.0802	U	0.0802	mg/Kg		07/10/22 14:09	07/11/22 23:19	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	07/10/22 14:09	07/11/22 23:19	20
1,4-Difluorobenzene (Surr)	91		70 - 130	07/10/22 14:09	07/11/22 23:19	20

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0802	U	0.0802	mg/Kg			07/05/22 16:07	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

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

Client Sample ID: B-62-W9

Lab Sample ID: 890-2471-18

Date Collected: 06/27/22 13:23

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 4' - 27'

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		06/29/22 16:21	07/01/22 18:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/29/22 16:21	07/01/22 18:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/29/22 16:21	07/01/22 18:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130			06/29/22 16:21	07/01/22 18:19	1
o-Terphenyl (Surr)	109		70 - 130			06/29/22 16:21	07/01/22 18:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.8		5.05	mg/Kg			07/04/22 15:21	1

Client Sample ID: B-62-W10

Lab Sample ID: 890-2471-19

Date Collected: 06/27/22 13:25

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 4' - 27'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		07/10/22 14:09	07/11/22 20:41	1
Toluene	<0.00198	U	0.00198	mg/Kg		07/10/22 14:09	07/11/22 20:41	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		07/10/22 14:09	07/11/22 20:41	1
m,p-Xylenes	<0.00396	U	0.00396	mg/Kg		07/10/22 14:09	07/11/22 20:41	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		07/10/22 14:09	07/11/22 20:41	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		07/10/22 14:09	07/11/22 20:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130			07/10/22 14:09	07/11/22 20:41	1
1,4-Difluorobenzene (Surr)	80		70 - 130			07/10/22 14:09	07/11/22 20:41	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			07/05/22 16:07	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			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	<49.9	U	49.9	mg/Kg		06/29/22 16:21	07/01/22 18:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/29/22 16:21	07/01/22 18:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/29/22 16:21	07/01/22 18:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130			06/29/22 16:21	07/01/22 18:40	1
o-Terphenyl (Surr)	109		70 - 130			06/29/22 16:21	07/01/22 18:40	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

Client Sample ID: B-62-W10

Lab Sample ID: 890-2471-19

Date Collected: 06/27/22 13:25

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 4' - 27'

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.3		4.98	mg/Kg			07/04/22 15:31	1

Client Sample ID: B-62-W11

Lab Sample ID: 890-2471-20

Date Collected: 06/27/22 13:27

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 4' - 27'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		07/10/22 14:09	07/11/22 21:07	1
Toluene	<0.00202	U	0.00202	mg/Kg		07/10/22 14:09	07/11/22 21:07	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		07/10/22 14:09	07/11/22 21:07	1
m,p-Xylenes	<0.00404	U	0.00404	mg/Kg		07/10/22 14:09	07/11/22 21:07	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		07/10/22 14:09	07/11/22 21:07	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		07/10/22 14:09	07/11/22 21:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130			07/10/22 14:09	07/11/22 21:07	1
1,4-Difluorobenzene (Surr)	84		70 - 130			07/10/22 14:09	07/11/22 21:07	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			07/05/22 16:07	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		06/29/22 16:21	07/01/22 19:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/29/22 16:21	07/01/22 19:02	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/29/22 16:21	07/01/22 19:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130			06/29/22 16:21	07/01/22 19:02	1
o-Terphenyl (Surr)	104		70 - 130			06/29/22 16:21	07/01/22 19:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	72.5		4.99	mg/Kg			07/04/22 15:40	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

Client Sample ID: B-62-1

Lab Sample ID: 890-2471-21

Date Collected: 06/27/22 13:29

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 27'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		07/10/22 14:09	07/11/22 21:33	1
Toluene	<0.00200	U	0.00200	mg/Kg		07/10/22 14:09	07/11/22 21:33	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		07/10/22 14:09	07/11/22 21:33	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		07/10/22 14:09	07/11/22 21:33	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		07/10/22 14:09	07/11/22 21:33	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		07/10/22 14:09	07/11/22 21:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	07/10/22 14:09	07/11/22 21:33	1
1,4-Difluorobenzene (Surr)	91		70 - 130	07/10/22 14:09	07/11/22 21:33	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			07/05/22 16:07	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			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	<49.9	U	49.9	mg/Kg		06/30/22 10:13	06/30/22 23:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1 F1	49.9	mg/Kg		06/30/22 10:13	06/30/22 23:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/30/22 10:13	06/30/22 23:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130	06/30/22 10:13	06/30/22 23:16	1
o-Terphenyl (Surr)	111		70 - 130	06/30/22 10:13	06/30/22 23:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.2		4.97	mg/Kg			07/06/22 15:07	1

Client Sample ID: B-62-2

Lab Sample ID: 890-2471-22

Date Collected: 06/27/22 13:31

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 27'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		07/10/22 14:09	07/11/22 21:59	1
Toluene	<0.00200	U	0.00200	mg/Kg		07/10/22 14:09	07/11/22 21:59	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		07/10/22 14:09	07/11/22 21:59	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		07/10/22 14:09	07/11/22 21:59	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		07/10/22 14:09	07/11/22 21:59	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		07/10/22 14:09	07/11/22 21:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	07/10/22 14:09	07/11/22 21:59	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

Client Sample ID: B-62-2

Lab Sample ID: 890-2471-22

Date Collected: 06/27/22 13:31

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 27'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	91		70 - 130	07/10/22 14:09	07/11/22 21:59	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			07/05/22 16:07	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 00:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0	mg/Kg		06/30/22 10:13	07/01/22 00:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/30/22 10:13	07/01/22 00:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130			06/30/22 10:13	07/01/22 00:20	1
o-Terphenyl (Surr)	115		70 - 130			06/30/22 10:13	07/01/22 00:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	71.9		4.95	mg/Kg			07/04/22 16:17	1

Client Sample ID: B-62-3

Lab Sample ID: 890-2471-23

Date Collected: 06/27/22 13:33

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 27'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		07/10/22 14:09	07/11/22 22:26	1
Toluene	<0.00198	U	0.00198	mg/Kg		07/10/22 14:09	07/11/22 22:26	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		07/10/22 14:09	07/11/22 22:26	1
m,p-Xylenes	<0.00397	U	0.00397	mg/Kg		07/10/22 14:09	07/11/22 22:26	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		07/10/22 14:09	07/11/22 22:26	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		07/10/22 14:09	07/11/22 22:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	07/10/22 14:09	07/11/22 22:26	1
1,4-Difluorobenzene (Surr)	80		70 - 130	07/10/22 14:09	07/11/22 22:26	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			07/05/22 16:07	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			07/01/22 13:31	1

Eurofins Carlsbad

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

Client Sample ID: B-62-3

Lab Sample ID: 890-2471-23

Date Collected: 06/27/22 13:33

Matrix: Solid

Date Received: 06/28/22 09:11

Sample Depth: 27'

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		06/30/22 10:13	07/01/22 00:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9	mg/Kg		06/30/22 10:13	07/01/22 00:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/30/22 10:13	07/01/22 00:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	117		70 - 130			06/30/22 10:13	07/01/22 00:41	1
o-Terphenyl (Surr)	130		70 - 130			06/30/22 10:13	07/01/22 00:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	113		5.04	mg/Kg			07/04/22 16:26	1

Surrogate Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
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)
890-2471-1	B8-W1	108	104
890-2471-2	B8-W2	111	102
890-2471-3	B8-W3	111	101
890-2471-4	B8-W4	101	85
890-2471-5	B8-W5	120	109
890-2471-6	B8-1	115	96
890-2471-7	B8-2	115	100
890-2471-8	B8-3	116	101
890-2471-9	B-86/A	113	97
890-2471-10	B-62-W1	117	97
890-2471-11	B-62-W2	111	96
890-2471-12	B-62-W3	115	94
890-2471-13	B-62-W4	117	86
890-2471-14	B-62-W5	109	91
890-2471-15	B-62-W6	110	82
890-2471-15 MS	B-62-W6	113	97
890-2471-15 MSD	B-62-W6	109	99
890-2471-16	B-62-W7	120	82
890-2471-17	B-62-W8	125	89
890-2471-18	B-62-W9	127	91
890-2471-19	B-62-W10	122	80
890-2471-20	B-62-W11	127	84
890-2471-21	B-62-1	115	91
890-2471-22	B-62-2	124	91
890-2471-23	B-62-3	124	80
LCS 880-28745/1-A	Lab Control Sample	109	93
LCS 880-28850/1-A	Lab Control Sample	120	99
LCS 880-29119/1-A	Lab Control Sample	105	102
LCS 880-29368/1-A	Lab Control Sample	112	88
LCSD 880-28745/2-A	Lab Control Sample Dup	108	102
LCSD 880-28850/2-A	Lab Control Sample Dup	116	99
LCSD 880-29119/2-A	Lab Control Sample Dup	119	11 S1-
LCSD 880-29368/2-A	Lab Control Sample Dup	110	100
MB 880-28745/5-A	Method Blank	78	89
MB 880-28842/5-A	Method Blank	101	92
MB 880-28850/5-A	Method Blank	104	88
MB 880-28904/5-A	Method Blank	96	87
MB 880-29119/5-A	Method Blank	101	92
MB 880-29368/5-A	Method Blank	81	80

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Eurofins Carlsbad

Surrogate Summary

Client: Ranger Environmental Services, Inc
 Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
 SDG: 5198

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)
890-2471-1	B8-W1	127	133 S1+
890-2471-1 MS	B8-W1	98	97
890-2471-1 MSD	B8-W1	99	99
890-2471-2	B8-W2	102	107
890-2471-3	B8-W3	116	119
890-2471-4	B8-W4	100	104
890-2471-5	B8-W5	116	119
890-2471-6	B8-1	117	124
890-2471-7	B8-2	103	112
890-2471-8	B8-3	120	125
890-2471-9	B-86/A	104	113
890-2471-10	B-62-W1	99	106
890-2471-11	B-62-W2	101	106
890-2471-12	B-62-W3	104	109
890-2471-13	B-62-W4	106	110
890-2471-14	B-62-W5	114	122
890-2471-15	B-62-W6	97	102
890-2471-16	B-62-W7	115	121
890-2471-17	B-62-W8	121	127
890-2471-18	B-62-W9	103	109
890-2471-19	B-62-W10	101	109
890-2471-20	B-62-W11	98	104
890-2471-21	B-62-1	98	111
890-2471-21 MS	B-62-1	89	96
890-2471-21 MSD	B-62-1	102	109
890-2471-22	B-62-2	104	115
890-2471-23	B-62-3	117	130
LCS 880-28685/2-A	Lab Control Sample	91	91
LCS 880-28738/2-A	Lab Control Sample	89	94
LCSD 880-28685/3-A	Lab Control Sample Dup	104	101
LCSD 880-28738/3-A	Lab Control Sample Dup	81	76
MB 880-28685/1-A	Method Blank	108	118
MB 880-28738/1-A	Method Blank	104	122

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-28745/5-A

Matrix: Solid

Analysis Batch: 29171

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28745

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/30/22 10:55	07/07/22 12:49	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/30/22 10:55	07/07/22 12:49	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/30/22 10:55	07/07/22 12:49	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		06/30/22 10:55	07/07/22 12:49	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/30/22 10:55	07/07/22 12:49	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/30/22 10:55	07/07/22 12:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130	06/30/22 10:55	07/07/22 12:49	1
1,4-Difluorobenzene (Surr)	89		70 - 130	06/30/22 10:55	07/07/22 12:49	1

Lab Sample ID: LCS 880-28745/1-A

Matrix: Solid

Analysis Batch: 29171

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28745

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09078		mg/Kg		91	70 - 130
Toluene	0.100	0.09125		mg/Kg		91	70 - 130
Ethylbenzene	0.100	0.08895		mg/Kg		89	70 - 130
m,p-Xylenes	0.200	0.1809		mg/Kg		90	70 - 130
o-Xylene	0.100	0.09935		mg/Kg		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-28745/2-A

Matrix: Solid

Analysis Batch: 29171

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 28745

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09216		mg/Kg		92	70 - 130	2	35
Toluene	0.100	0.09349		mg/Kg		93	70 - 130	2	35
Ethylbenzene	0.100	0.08979		mg/Kg		90	70 - 130	1	35
m,p-Xylenes	0.200	0.1818		mg/Kg		91	70 - 130	0	35
o-Xylene	0.100	0.1004		mg/Kg		100	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: MB 880-28842/5-A

Matrix: Solid

Analysis Batch: 28967

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28842

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		07/01/22 12:06	07/03/22 19:10	1
Toluene	<0.00198	U	0.00198	mg/Kg		07/01/22 12:06	07/03/22 19:10	1

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

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

Lab Sample ID: MB 880-28842/5-A

Matrix: Solid

Analysis Batch: 28967

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28842

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		07/01/22 12:06	07/03/22 19:10	1
m,p-Xylenes	<0.00397	U	0.00397	mg/Kg		07/01/22 12:06	07/03/22 19:10	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		07/01/22 12:06	07/03/22 19:10	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		07/01/22 12:06	07/03/22 19:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	07/01/22 12:06	07/03/22 19:10	1
1,4-Difluorobenzene (Surr)	92		70 - 130	07/01/22 12:06	07/03/22 19:10	1

Lab Sample ID: MB 880-28850/5-A

Matrix: Solid

Analysis Batch: 28967

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28850

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		07/01/22 15:30	07/04/22 05:43	1
Toluene	<0.00200	U	0.00200	mg/Kg		07/01/22 15:30	07/04/22 05:43	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		07/01/22 15:30	07/04/22 05:43	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		07/01/22 15:30	07/04/22 05:43	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		07/01/22 15:30	07/04/22 05:43	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		07/01/22 15:30	07/04/22 05:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	07/01/22 15:30	07/04/22 05:43	1
1,4-Difluorobenzene (Surr)	88		70 - 130	07/01/22 15:30	07/04/22 05:43	1

Lab Sample ID: LCS 880-28850/1-A

Matrix: Solid

Analysis Batch: 28967

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28850

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08135		mg/Kg		81	70 - 130
Toluene	0.100	0.08198		mg/Kg		82	70 - 130
Ethylbenzene	0.100	0.09017		mg/Kg		90	70 - 130
m,p-Xylenes	0.200	0.1903		mg/Kg		95	70 - 130
o-Xylene	0.100	0.09864		mg/Kg		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-28850/2-A

Matrix: Solid

Analysis Batch: 28967

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 28850

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08862		mg/Kg		89	70 - 130	9	35
Toluene	0.100	0.08870		mg/Kg		89	70 - 130	8	35
Ethylbenzene	0.100	0.09435		mg/Kg		94	70 - 130	5	35

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

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

Lab Sample ID: LCSD 880-28850/2-A

Matrix: Solid

Analysis Batch: 28967

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 28850

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	0.200	0.1966		mg/Kg		98	70 - 130	3	35
o-Xylene	0.100	0.1005		mg/Kg		101	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-28904/5-A

Matrix: Solid

Analysis Batch: 29172

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28904

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		07/01/22 15:28	07/07/22 12:00	1
Toluene	<0.00200	U	0.00200	mg/Kg		07/01/22 15:28	07/07/22 12:00	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		07/01/22 15:28	07/07/22 12:00	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		07/01/22 15:28	07/07/22 12:00	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		07/01/22 15:28	07/07/22 12:00	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		07/01/22 15:28	07/07/22 12:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	07/01/22 15:28	07/07/22 12:00	1
1,4-Difluorobenzene (Surr)	87		70 - 130	07/01/22 15:28	07/07/22 12:00	1

Lab Sample ID: MB 880-29119/5-A

Matrix: Solid

Analysis Batch: 29172

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 29119

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		07/06/22 09:01	07/07/22 22:36	1
Toluene	<0.00200	U	0.00200	mg/Kg		07/06/22 09:01	07/07/22 22:36	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		07/06/22 09:01	07/07/22 22:36	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		07/06/22 09:01	07/07/22 22:36	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		07/06/22 09:01	07/07/22 22:36	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		07/06/22 09:01	07/07/22 22:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	07/06/22 09:01	07/07/22 22:36	1
1,4-Difluorobenzene (Surr)	92		70 - 130	07/06/22 09:01	07/07/22 22:36	1

Lab Sample ID: LCS 880-29119/1-A

Matrix: Solid

Analysis Batch: 29172

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 29119

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1040		mg/Kg		104	70 - 130
Toluene	0.100	0.1017		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.1024		mg/Kg		102	70 - 130
m,p-Xylenes	0.200	0.2102		mg/Kg		105	70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

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

Lab Sample ID: LCS 880-29119/1-A

Matrix: Solid

Analysis Batch: 29172

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 29119

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1094		mg/Kg		109	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-29119/2-A

Matrix: Solid

Analysis Batch: 29172

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 29119

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.02321	*- *1	mg/Kg		23	70 - 130	127	35
Toluene	0.100	0.1105		mg/Kg		110	70 - 130	8	35
Ethylbenzene	0.100	0.1044		mg/Kg		104	70 - 130	2	35
m,p-Xylenes	0.200	0.2314		mg/Kg		116	70 - 130	10	35
o-Xylene	0.100	0.3522	*+ *1	mg/Kg		352	70 - 130	105	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	11	S1-	70 - 130

Lab Sample ID: MB 880-29368/5-A

Matrix: Solid

Analysis Batch: 29380

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 29368

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		07/10/22 14:09	07/11/22 11:51	1
Toluene	<0.00200	U	0.00200	mg/Kg		07/10/22 14:09	07/11/22 11:51	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		07/10/22 14:09	07/11/22 11:51	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		07/10/22 14:09	07/11/22 11:51	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		07/10/22 14:09	07/11/22 11:51	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		07/10/22 14:09	07/11/22 11:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	07/10/22 14:09	07/11/22 11:51	1
1,4-Difluorobenzene (Surr)	80		70 - 130	07/10/22 14:09	07/11/22 11:51	1

Lab Sample ID: LCS 880-29368/1-A

Matrix: Solid

Analysis Batch: 29380

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 29368

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08866		mg/Kg		89	70 - 130
Toluene	0.100	0.09470		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.1030		mg/Kg		103	70 - 130
m,p-Xylenes	0.200	0.2112		mg/Kg		106	70 - 130
o-Xylene	0.100	0.1087		mg/Kg		109	70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

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

Lab Sample ID: LCS 880-29368/1-A

Matrix: Solid

Analysis Batch: 29380

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 29368

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	88		70 - 130

Lab Sample ID: LCSD 880-29368/2-A

Matrix: Solid

Analysis Batch: 29380

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 29368

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08703		mg/Kg		87	70 - 130	2	35
Toluene	0.100	0.09286		mg/Kg		93	70 - 130	2	35
Ethylbenzene	0.100	0.09545		mg/Kg		95	70 - 130	8	35
m,p-Xylenes	0.200	0.1961		mg/Kg		98	70 - 130	7	35
o-Xylene	0.100	0.1010		mg/Kg		101	70 - 130	7	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-2471-15 MS

Matrix: Solid

Analysis Batch: 29380

Client Sample ID: B-62-W6

Prep Type: Total/NA

Prep Batch: 29368

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.101	0.1009		mg/Kg		100	70 - 130
Toluene	<0.00199	U	0.101	0.1036		mg/Kg		103	70 - 130
Ethylbenzene	<0.00199	U	0.101	0.1069		mg/Kg		106	70 - 130
m,p-Xylenes	<0.00398	U	0.202	0.2174		mg/Kg		108	70 - 130
o-Xylene	<0.00199	U	0.101	0.1133		mg/Kg		112	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 890-2471-15 MSD

Matrix: Solid

Analysis Batch: 29380

Client Sample ID: B-62-W6

Prep Type: Total/NA

Prep Batch: 29368

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.101	0.1046		mg/Kg		104	70 - 130	4	35
Toluene	<0.00199	U	0.101	0.09876		mg/Kg		98	70 - 130	5	35
Ethylbenzene	<0.00199	U	0.101	0.1006		mg/Kg		100	70 - 130	6	35
m,p-Xylenes	<0.00398	U	0.201	0.2063		mg/Kg		103	70 - 130	5	35
o-Xylene	<0.00199	U	0.101	0.1044		mg/Kg		104	70 - 130	8	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

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

Lab Sample ID: MB 880-28685/1-A

Matrix: Solid

Analysis Batch: 28801

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28685

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		06/29/22 16:21	07/01/22 10:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/29/22 16:21	07/01/22 10:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/29/22 16:21	07/01/22 10:03	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130			06/29/22 16:21	07/01/22 10:03	1
o-Terphenyl (Surr)	118		70 - 130			06/29/22 16:21	07/01/22 10:03	1

Lab Sample ID: LCS 880-28685/2-A

Matrix: Solid

Analysis Batch: 28801

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28685

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1131		mg/Kg		113	70 - 130
Diesel Range Organics (Over C10-C28)	1000	993.6		mg/Kg		99	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane (Surr)	91		70 - 130				
o-Terphenyl (Surr)	91		70 - 130				

Lab Sample ID: LCSD 880-28685/3-A

Matrix: Solid

Analysis Batch: 28801

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 28685

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1199		mg/Kg		120	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	1134		mg/Kg		113	70 - 130	13	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane (Surr)	104		70 - 130						
o-Terphenyl (Surr)	101		70 - 130						

Lab Sample ID: 890-2471-1 MS

Matrix: Solid

Analysis Batch: 28801

Client Sample ID: B8-W1

Prep Type: Total/NA

Prep Batch: 28685

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	996	896.3		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	996	782.1		mg/Kg		79	70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

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

Lab Sample ID: 890-2471-1 MS

Matrix: Solid

Analysis Batch: 28801

Client Sample ID: B8-W1

Prep Type: Total/NA

Prep Batch: 28685

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	98		70 - 130
o-Terphenyl (Surr)	97		70 - 130

Lab Sample ID: 890-2471-1 MSD

Matrix: Solid

Analysis Batch: 28801

Client Sample ID: B8-W1

Prep Type: Total/NA

Prep Batch: 28685

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	996	888.2		mg/Kg		87	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	789.6		mg/Kg		79	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	99		70 - 130
o-Terphenyl (Surr)	99		70 - 130

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

	MB	MB		Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits			
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

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	89		70 - 130
o-Terphenyl (Surr)	94		70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

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

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
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane (Surr)	81		70 - 130						
o-Terphenyl (Surr)	76		70 - 130						

Lab Sample ID: 890-2471-21 MS

Matrix: Solid

Analysis Batch: 28713

Client Sample ID: B-62-1

Prep Type: Total/NA

Prep Batch: 28738

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	<49.9	U	996	787.7		mg/Kg		79	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *1 F1	996	670.8	F1	mg/Kg		67	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane (Surr)	89		70 - 130								
o-Terphenyl (Surr)	96		70 - 130								

Lab Sample ID: 890-2471-21 MSD

Matrix: Solid

Analysis Batch: 28713

Client Sample ID: B-62-1

Prep Type: Total/NA

Prep Batch: 28738

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	996	876.4		mg/Kg		88	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<49.9	U *1 F1	996	767.3		mg/Kg		77	70 - 130	13	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	102		70 - 130								
o-Terphenyl (Surr)	109		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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			07/04/22 13:12	1

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-28633/2-A

Matrix: Solid

Analysis Batch: 28885

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	230.3		mg/Kg		92	90 - 110	0	20

Lab Sample ID: 890-2471-11 MS

Matrix: Solid

Analysis Batch: 28885

Client Sample ID: B-62-W2

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	34.7		250	284.5		mg/Kg		100	90 - 110

Lab Sample ID: 890-2471-11 MSD

Matrix: Solid

Analysis Batch: 28885

Client Sample ID: B-62-W2

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	34.7		250	290.4		mg/Kg		102	90 - 110	2	20

Lab Sample ID: 890-2471-21 MS

Matrix: Solid

Analysis Batch: 28885

Client Sample ID: B-62-1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	26.2		249	274.9		mg/Kg		100	90 - 110

Lab Sample ID: 890-2471-21 MSD

Matrix: Solid

Analysis Batch: 28885

Client Sample ID: B-62-1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	26.2		249	291.2		mg/Kg		107	90 - 110	6	20

Lab Sample ID: MB 880-28632/1-A

Matrix: Solid

Analysis Batch: 28978

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			07/04/22 22:09	1

Lab Sample ID: LCS 880-28632/2-A

Matrix: Solid

Analysis Batch: 28978

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	247.3		mg/Kg		99	90 - 110

Eurofins Carlsbad

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-28632/3-A

Matrix: Solid

Analysis Batch: 28978

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	247.3		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 890-2471-1 MS

Matrix: Solid

Analysis Batch: 28978

Client Sample ID: B8-W1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	115		250	378.6		mg/Kg		105	90 - 110		

Lab Sample ID: 890-2471-1 MSD

Matrix: Solid

Analysis Batch: 28978

Client Sample ID: B8-W1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	115		250	378.6		mg/Kg		105	90 - 110	0	20

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

GC VOA

Prep Batch: 28745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2471-13	B-62-W4	Total/NA	Solid	5035	
890-2471-14	B-62-W5	Total/NA	Solid	5035	
MB 880-28745/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-28745/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-28745/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 28842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-28842/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 28850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2471-1	B8-W1	Total/NA	Solid	5035	
890-2471-2	B8-W2	Total/NA	Solid	5035	
890-2471-3	B8-W3	Total/NA	Solid	5035	
890-2471-4	B8-W4	Total/NA	Solid	5035	
MB 880-28850/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-28850/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-28850/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 28904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-28904/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 28967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2471-1	B8-W1	Total/NA	Solid	8021B	28850
890-2471-2	B8-W2	Total/NA	Solid	8021B	28850
890-2471-3	B8-W3	Total/NA	Solid	8021B	28850
890-2471-4	B8-W4	Total/NA	Solid	8021B	28850
MB 880-28842/5-A	Method Blank	Total/NA	Solid	8021B	28842
MB 880-28850/5-A	Method Blank	Total/NA	Solid	8021B	28850
LCS 880-28850/1-A	Lab Control Sample	Total/NA	Solid	8021B	28850
LCSD 880-28850/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	28850

Analysis Batch: 29077

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2471-1	B8-W1	Total/NA	Solid	Total BTEX	
890-2471-2	B8-W2	Total/NA	Solid	Total BTEX	
890-2471-3	B8-W3	Total/NA	Solid	Total BTEX	
890-2471-4	B8-W4	Total/NA	Solid	Total BTEX	
890-2471-5	B8-W5	Total/NA	Solid	Total BTEX	
890-2471-6	B8-1	Total/NA	Solid	Total BTEX	
890-2471-7	B8-2	Total/NA	Solid	Total BTEX	
890-2471-8	B8-3	Total/NA	Solid	Total BTEX	
890-2471-9	B-86/A	Total/NA	Solid	Total BTEX	
890-2471-10	B-62-W1	Total/NA	Solid	Total BTEX	
890-2471-11	B-62-W2	Total/NA	Solid	Total BTEX	
890-2471-12	B-62-W3	Total/NA	Solid	Total BTEX	
890-2471-13	B-62-W4	Total/NA	Solid	Total BTEX	
890-2471-14	B-62-W5	Total/NA	Solid	Total BTEX	

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

GC VOA (Continued)

Analysis Batch: 29077 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2471-15	B-62-W6	Total/NA	Solid	Total BTEX	
890-2471-16	B-62-W7	Total/NA	Solid	Total BTEX	
890-2471-17	B-62-W8	Total/NA	Solid	Total BTEX	
890-2471-18	B-62-W9	Total/NA	Solid	Total BTEX	
890-2471-19	B-62-W10	Total/NA	Solid	Total BTEX	
890-2471-20	B-62-W11	Total/NA	Solid	Total BTEX	
890-2471-21	B-62-1	Total/NA	Solid	Total BTEX	
890-2471-22	B-62-2	Total/NA	Solid	Total BTEX	
890-2471-23	B-62-3	Total/NA	Solid	Total BTEX	

Prep Batch: 29119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2471-5	B8-W5	Total/NA	Solid	5035	
890-2471-6	B8-1	Total/NA	Solid	5035	
890-2471-7	B8-2	Total/NA	Solid	5035	
890-2471-8	B8-3	Total/NA	Solid	5035	
890-2471-9	B-86/A	Total/NA	Solid	5035	
890-2471-10	B-62-W1	Total/NA	Solid	5035	
890-2471-11	B-62-W2	Total/NA	Solid	5035	
890-2471-12	B-62-W3	Total/NA	Solid	5035	
MB 880-29119/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-29119/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-29119/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 29171

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2471-13	B-62-W4	Total/NA	Solid	8021B	28745
890-2471-14	B-62-W5	Total/NA	Solid	8021B	28745
MB 880-28745/5-A	Method Blank	Total/NA	Solid	8021B	28745
LCS 880-28745/1-A	Lab Control Sample	Total/NA	Solid	8021B	28745
LCSD 880-28745/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	28745

Analysis Batch: 29172

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2471-5	B8-W5	Total/NA	Solid	8021B	29119
890-2471-6	B8-1	Total/NA	Solid	8021B	29119
890-2471-7	B8-2	Total/NA	Solid	8021B	29119
890-2471-8	B8-3	Total/NA	Solid	8021B	29119
890-2471-9	B-86/A	Total/NA	Solid	8021B	29119
890-2471-10	B-62-W1	Total/NA	Solid	8021B	29119
890-2471-11	B-62-W2	Total/NA	Solid	8021B	29119
890-2471-12	B-62-W3	Total/NA	Solid	8021B	29119
MB 880-28904/5-A	Method Blank	Total/NA	Solid	8021B	28904
MB 880-29119/5-A	Method Blank	Total/NA	Solid	8021B	29119
LCS 880-29119/1-A	Lab Control Sample	Total/NA	Solid	8021B	29119
LCSD 880-29119/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	29119

Prep Batch: 29368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2471-15	B-62-W6	Total/NA	Solid	5035	
890-2471-16	B-62-W7	Total/NA	Solid	5035	

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

GC VOA (Continued)

Prep Batch: 29368 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2471-17	B-62-W8	Total/NA	Solid	5035	
890-2471-18	B-62-W9	Total/NA	Solid	5035	
890-2471-19	B-62-W10	Total/NA	Solid	5035	
890-2471-20	B-62-W11	Total/NA	Solid	5035	
890-2471-21	B-62-1	Total/NA	Solid	5035	
890-2471-22	B-62-2	Total/NA	Solid	5035	
890-2471-23	B-62-3	Total/NA	Solid	5035	
MB 880-29368/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-29368/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-29368/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2471-15 MS	B-62-W6	Total/NA	Solid	5035	
890-2471-15 MSD	B-62-W6	Total/NA	Solid	5035	

Analysis Batch: 29380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2471-15	B-62-W6	Total/NA	Solid	8021B	29368
890-2471-16	B-62-W7	Total/NA	Solid	8021B	29368
890-2471-17	B-62-W8	Total/NA	Solid	8021B	29368
890-2471-18	B-62-W9	Total/NA	Solid	8021B	29368
890-2471-19	B-62-W10	Total/NA	Solid	8021B	29368
890-2471-20	B-62-W11	Total/NA	Solid	8021B	29368
890-2471-21	B-62-1	Total/NA	Solid	8021B	29368
890-2471-22	B-62-2	Total/NA	Solid	8021B	29368
890-2471-23	B-62-3	Total/NA	Solid	8021B	29368
MB 880-29368/5-A	Method Blank	Total/NA	Solid	8021B	29368
LCS 880-29368/1-A	Lab Control Sample	Total/NA	Solid	8021B	29368
LCSD 880-29368/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	29368
890-2471-15 MS	B-62-W6	Total/NA	Solid	8021B	29368
890-2471-15 MSD	B-62-W6	Total/NA	Solid	8021B	29368

GC Semi VOA

Prep Batch: 28685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2471-1	B8-W1	Total/NA	Solid	8015NM Prep	
890-2471-2	B8-W2	Total/NA	Solid	8015NM Prep	
890-2471-3	B8-W3	Total/NA	Solid	8015NM Prep	
890-2471-4	B8-W4	Total/NA	Solid	8015NM Prep	
890-2471-5	B8-W5	Total/NA	Solid	8015NM Prep	
890-2471-6	B8-1	Total/NA	Solid	8015NM Prep	
890-2471-7	B8-2	Total/NA	Solid	8015NM Prep	
890-2471-8	B8-3	Total/NA	Solid	8015NM Prep	
890-2471-9	B-86/A	Total/NA	Solid	8015NM Prep	
890-2471-10	B-62-W1	Total/NA	Solid	8015NM Prep	
890-2471-11	B-62-W2	Total/NA	Solid	8015NM Prep	
890-2471-12	B-62-W3	Total/NA	Solid	8015NM Prep	
890-2471-13	B-62-W4	Total/NA	Solid	8015NM Prep	
890-2471-14	B-62-W5	Total/NA	Solid	8015NM Prep	
890-2471-15	B-62-W6	Total/NA	Solid	8015NM Prep	
890-2471-16	B-62-W7	Total/NA	Solid	8015NM Prep	
890-2471-17	B-62-W8	Total/NA	Solid	8015NM Prep	

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

GC Semi VOA (Continued)

Prep Batch: 28685 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2471-18	B-62-W9	Total/NA	Solid	8015NM Prep	
890-2471-19	B-62-W10	Total/NA	Solid	8015NM Prep	
890-2471-20	B-62-W11	Total/NA	Solid	8015NM Prep	
MB 880-28685/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-28685/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-28685/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2471-1 MS	B8-W1	Total/NA	Solid	8015NM Prep	
890-2471-1 MSD	B8-W1	Total/NA	Solid	8015NM Prep	

Analysis Batch: 28713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2471-21	B-62-1	Total/NA	Solid	8015B NM	28738
890-2471-22	B-62-2	Total/NA	Solid	8015B NM	28738
890-2471-23	B-62-3	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
890-2471-21 MS	B-62-1	Total/NA	Solid	8015B NM	28738
890-2471-21 MSD	B-62-1	Total/NA	Solid	8015B NM	28738

Prep Batch: 28738

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2471-21	B-62-1	Total/NA	Solid	8015NM Prep	
890-2471-22	B-62-2	Total/NA	Solid	8015NM Prep	
890-2471-23	B-62-3	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	
890-2471-21 MS	B-62-1	Total/NA	Solid	8015NM Prep	
890-2471-21 MSD	B-62-1	Total/NA	Solid	8015NM Prep	

Analysis Batch: 28801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2471-1	B8-W1	Total/NA	Solid	8015B NM	28685
890-2471-2	B8-W2	Total/NA	Solid	8015B NM	28685
890-2471-3	B8-W3	Total/NA	Solid	8015B NM	28685
890-2471-4	B8-W4	Total/NA	Solid	8015B NM	28685
890-2471-5	B8-W5	Total/NA	Solid	8015B NM	28685
890-2471-6	B8-1	Total/NA	Solid	8015B NM	28685
890-2471-7	B8-2	Total/NA	Solid	8015B NM	28685
890-2471-8	B8-3	Total/NA	Solid	8015B NM	28685
890-2471-9	B-86/A	Total/NA	Solid	8015B NM	28685
890-2471-10	B-62-W1	Total/NA	Solid	8015B NM	28685
890-2471-11	B-62-W2	Total/NA	Solid	8015B NM	28685
890-2471-12	B-62-W3	Total/NA	Solid	8015B NM	28685
890-2471-13	B-62-W4	Total/NA	Solid	8015B NM	28685
890-2471-14	B-62-W5	Total/NA	Solid	8015B NM	28685
890-2471-15	B-62-W6	Total/NA	Solid	8015B NM	28685
890-2471-16	B-62-W7	Total/NA	Solid	8015B NM	28685
890-2471-17	B-62-W8	Total/NA	Solid	8015B NM	28685
890-2471-18	B-62-W9	Total/NA	Solid	8015B NM	28685

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

GC Semi VOA (Continued)

Analysis Batch: 28801 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2471-19	B-62-W10	Total/NA	Solid	8015B NM	28685
890-2471-20	B-62-W11	Total/NA	Solid	8015B NM	28685
MB 880-28685/1-A	Method Blank	Total/NA	Solid	8015B NM	28685
LCS 880-28685/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	28685
LCSD 880-28685/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	28685
890-2471-1 MS	B8-W1	Total/NA	Solid	8015B NM	28685
890-2471-1 MSD	B8-W1	Total/NA	Solid	8015B NM	28685

Analysis Batch: 28874

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2471-1	B8-W1	Total/NA	Solid	8015 NM	
890-2471-2	B8-W2	Total/NA	Solid	8015 NM	
890-2471-3	B8-W3	Total/NA	Solid	8015 NM	
890-2471-4	B8-W4	Total/NA	Solid	8015 NM	
890-2471-5	B8-W5	Total/NA	Solid	8015 NM	
890-2471-6	B8-1	Total/NA	Solid	8015 NM	
890-2471-7	B8-2	Total/NA	Solid	8015 NM	
890-2471-8	B8-3	Total/NA	Solid	8015 NM	
890-2471-9	B-86/A	Total/NA	Solid	8015 NM	
890-2471-10	B-62-W1	Total/NA	Solid	8015 NM	
890-2471-11	B-62-W2	Total/NA	Solid	8015 NM	
890-2471-12	B-62-W3	Total/NA	Solid	8015 NM	
890-2471-13	B-62-W4	Total/NA	Solid	8015 NM	
890-2471-14	B-62-W5	Total/NA	Solid	8015 NM	
890-2471-15	B-62-W6	Total/NA	Solid	8015 NM	
890-2471-16	B-62-W7	Total/NA	Solid	8015 NM	
890-2471-17	B-62-W8	Total/NA	Solid	8015 NM	
890-2471-18	B-62-W9	Total/NA	Solid	8015 NM	
890-2471-19	B-62-W10	Total/NA	Solid	8015 NM	
890-2471-20	B-62-W11	Total/NA	Solid	8015 NM	
890-2471-21	B-62-1	Total/NA	Solid	8015 NM	
890-2471-22	B-62-2	Total/NA	Solid	8015 NM	
890-2471-23	B-62-3	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 28632

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2471-1	B8-W1	Soluble	Solid	DI Leach	
890-2471-2	B8-W2	Soluble	Solid	DI Leach	
890-2471-3	B8-W3	Soluble	Solid	DI Leach	
890-2471-4	B8-W4	Soluble	Solid	DI Leach	
890-2471-5	B8-W5	Soluble	Solid	DI Leach	
890-2471-6	B8-1	Soluble	Solid	DI Leach	
890-2471-7	B8-2	Soluble	Solid	DI Leach	
890-2471-8	B8-3	Soluble	Solid	DI Leach	
890-2471-9	B-86/A	Soluble	Solid	DI Leach	
890-2471-10	B-62-W1	Soluble	Solid	DI Leach	
MB 880-28632/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-28632/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-28632/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

HPLC/IC (Continued)

Leach Batch: 28632 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2471-1 MS	B8-W1	Soluble	Solid	DI Leach	
890-2471-1 MSD	B8-W1	Soluble	Solid	DI Leach	

Leach Batch: 28633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2471-11	B-62-W2	Soluble	Solid	DI Leach	
890-2471-12	B-62-W3	Soluble	Solid	DI Leach	
890-2471-13	B-62-W4	Soluble	Solid	DI Leach	
890-2471-14	B-62-W5	Soluble	Solid	DI Leach	
890-2471-15	B-62-W6	Soluble	Solid	DI Leach	
890-2471-16	B-62-W7	Soluble	Solid	DI Leach	
890-2471-17	B-62-W8	Soluble	Solid	DI Leach	
890-2471-18	B-62-W9	Soluble	Solid	DI Leach	
890-2471-19	B-62-W10	Soluble	Solid	DI Leach	
890-2471-20	B-62-W11	Soluble	Solid	DI Leach	
890-2471-21	B-62-1	Soluble	Solid	DI Leach	
890-2471-22	B-62-2	Soluble	Solid	DI Leach	
890-2471-23	B-62-3	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	
890-2471-11 MS	B-62-W2	Soluble	Solid	DI Leach	
890-2471-11 MSD	B-62-W2	Soluble	Solid	DI Leach	
890-2471-21 MS	B-62-1	Soluble	Solid	DI Leach	
890-2471-21 MSD	B-62-1	Soluble	Solid	DI Leach	

Analysis Batch: 28885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2471-11	B-62-W2	Soluble	Solid	300.0	28633
890-2471-12	B-62-W3	Soluble	Solid	300.0	28633
890-2471-13	B-62-W4	Soluble	Solid	300.0	28633
890-2471-14	B-62-W5	Soluble	Solid	300.0	28633
890-2471-15	B-62-W6	Soluble	Solid	300.0	28633
890-2471-16	B-62-W7	Soluble	Solid	300.0	28633
890-2471-17	B-62-W8	Soluble	Solid	300.0	28633
890-2471-18	B-62-W9	Soluble	Solid	300.0	28633
890-2471-19	B-62-W10	Soluble	Solid	300.0	28633
890-2471-20	B-62-W11	Soluble	Solid	300.0	28633
890-2471-21	B-62-1	Soluble	Solid	300.0	28633
890-2471-22	B-62-2	Soluble	Solid	300.0	28633
890-2471-23	B-62-3	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
890-2471-11 MS	B-62-W2	Soluble	Solid	300.0	28633
890-2471-11 MSD	B-62-W2	Soluble	Solid	300.0	28633
890-2471-21 MS	B-62-1	Soluble	Solid	300.0	28633
890-2471-21 MSD	B-62-1	Soluble	Solid	300.0	28633

Eurofins Carlsbad

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

HPLC/IC

Analysis Batch: 28978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2471-1	B8-W1	Soluble	Solid	300.0	28632
890-2471-2	B8-W2	Soluble	Solid	300.0	28632
890-2471-3	B8-W3	Soluble	Solid	300.0	28632
890-2471-4	B8-W4	Soluble	Solid	300.0	28632
890-2471-5	B8-W5	Soluble	Solid	300.0	28632
890-2471-6	B8-1	Soluble	Solid	300.0	28632
890-2471-7	B8-2	Soluble	Solid	300.0	28632
890-2471-8	B8-3	Soluble	Solid	300.0	28632
890-2471-9	B-86/A	Soluble	Solid	300.0	28632
890-2471-10	B-62-W1	Soluble	Solid	300.0	28632
MB 880-28632/1-A	Method Blank	Soluble	Solid	300.0	28632
LCS 880-28632/2-A	Lab Control Sample	Soluble	Solid	300.0	28632
LCSD 880-28632/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	28632
890-2471-1 MS	B8-W1	Soluble	Solid	300.0	28632
890-2471-1 MSD	B8-W1	Soluble	Solid	300.0	28632

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

Client Sample ID: B8-W1

Lab Sample ID: 890-2471-1

Date Collected: 06/27/22 11:30

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			5.05 g	5 mL	28850	07/01/22 15:30	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28967	07/04/22 12:35	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29077	07/05/22 16:07	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28874	07/01/22 13:31	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	28685	06/29/22 16:21	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/01/22 11:08	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	28632	06/29/22 11:04	CH	XEN MID
Soluble	Analysis	300.0		1			28978	07/05/22 00:22	CH	XEN MID

Client Sample ID: B8-W2

Lab Sample ID: 890-2471-2

Date Collected: 06/27/22 11:32

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			4.96 g	5 mL	28850	07/01/22 15:30	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28967	07/04/22 12:56	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29077	07/05/22 16:07	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28874	07/01/22 13:31	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28685	06/29/22 16:21	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/01/22 12:13	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	28632	06/29/22 11:04	CH	XEN MID
Soluble	Analysis	300.0		1			28978	07/05/22 00:46	CH	XEN MID

Client Sample ID: B8-W3

Lab Sample ID: 890-2471-3

Date Collected: 06/27/22 11:34

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			4.99 g	5 mL	28850	07/01/22 15:30	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28967	07/04/22 13:17	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29077	07/05/22 16:07	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28874	07/01/22 13:31	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28685	06/29/22 16:21	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/01/22 12:35	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	28632	06/29/22 11:04	CH	XEN MID
Soluble	Analysis	300.0		1			28978	07/05/22 00:54	CH	XEN MID

Client Sample ID: B8-W4

Lab Sample ID: 890-2471-4

Date Collected: 06/27/22 11:36

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			4.95 g	5 mL	28850	07/01/22 15:30	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28967	07/04/22 13:37	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29077	07/05/22 16:07	AJ	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

Client Sample ID: B8-W4

Lab Sample ID: 890-2471-4

Date Collected: 06/27/22 11:36

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	Analysis	8015 NM		1			28874	07/01/22 13:31	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	28685	06/29/22 16:21	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/01/22 12:56	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	28632	06/29/22 11:04	CH	XEN MID
Soluble	Analysis	300.0		5			28978	07/05/22 01:17	CH	XEN MID

Client Sample ID: B8-W5

Lab Sample ID: 890-2471-5

Date Collected: 06/27/22 11:38

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	29119	07/06/22 09:01	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29172	07/08/22 00:20	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29077	07/05/22 16:07	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28874	07/01/22 13:31	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	28685	06/29/22 16:21	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/01/22 13:18	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	28632	06/29/22 11:04	CH	XEN MID
Soluble	Analysis	300.0		1			28978	07/05/22 01:25	CH	XEN MID

Client Sample ID: B8-1

Lab Sample ID: 890-2471-6

Date Collected: 06/27/22 11:44

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			4.99 g	5 mL	29119	07/06/22 09:01	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29172	07/08/22 00:40	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29077	07/05/22 16:07	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28874	07/01/22 13:31	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28685	06/29/22 16:21	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/01/22 13:39	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	28632	06/29/22 11:04	CH	XEN MID
Soluble	Analysis	300.0		1			28978	07/05/22 01:33	CH	XEN MID

Client Sample ID: B8-2

Lab Sample ID: 890-2471-7

Date Collected: 06/27/22 11:46

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			4.95 g	5 mL	29119	07/06/22 09:01	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29172	07/08/22 01:01	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29077	07/05/22 16:07	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28874	07/01/22 13:31	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28685	06/29/22 16:21	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/01/22 14:01	AJ	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

Client Sample ID: B8-2

Lab Sample ID: 890-2471-7

Date Collected: 06/27/22 11:46

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
Soluble	Leach	DI Leach			5 g	50 mL	28632	06/29/22 11:04	CH	XEN MID
Soluble	Analysis	300.0		1			28978	07/05/22 11:41	CH	XEN MID

Client Sample ID: B8-3

Lab Sample ID: 890-2471-8

Date Collected: 06/27/22 11:48

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			5.00 g	5 mL	29119	07/06/22 09:01	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29172	07/08/22 01:22	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29077	07/05/22 16:07	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28874	07/01/22 13:31	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	28685	06/29/22 16:21	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/01/22 14:22	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	28632	06/29/22 11:04	CH	XEN MID
Soluble	Analysis	300.0		1			28978	07/05/22 01:49	CH	XEN MID

Client Sample ID: B-86/A

Lab Sample ID: 890-2471-9

Date Collected: 06/27/22 12:10

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			5.01 g	5 mL	29119	07/06/22 09:01	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29172	07/08/22 01:42	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29077	07/05/22 16:07	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28874	07/01/22 13:31	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28685	06/29/22 16:21	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/01/22 14:44	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	28632	06/29/22 11:04	CH	XEN MID
Soluble	Analysis	300.0		1			28978	07/05/22 01:57	CH	XEN MID

Client Sample ID: B-62-W1

Lab Sample ID: 890-2471-10

Date Collected: 06/27/22 13:07

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			5.05 g	5 mL	29119	07/06/22 09:01	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29172	07/08/22 02:03	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29077	07/05/22 16:07	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28874	07/01/22 13:31	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28685	06/29/22 16:21	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/01/22 15:05	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	28632	06/29/22 11:04	CH	XEN MID
Soluble	Analysis	300.0		1			28978	07/05/22 02:04	CH	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

Client Sample ID: B-62-W2

Lab Sample ID: 890-2471-11

Date Collected: 06/27/22 13:09

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			4.96 g	5 mL	29119	07/06/22 09:01	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29172	07/08/22 03:26	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29077	07/05/22 16:07	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28874	07/01/22 13:31	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28685	06/29/22 16:21	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/01/22 15:48	AJ	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	07/06/22 14:39	CH	XEN MID

Client Sample ID: B-62-W3

Lab Sample ID: 890-2471-12

Date Collected: 06/27/22 13:11

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	29119	07/06/22 09:01	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29172	07/08/22 03:46	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29077	07/05/22 16:07	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28874	07/01/22 13:31	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28685	06/29/22 16:21	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/01/22 16:10	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	28633	06/29/22 11:09	CH	XEN MID
Soluble	Analysis	300.0		1			28885	07/04/22 14:08	CH	XEN MID

Client Sample ID: B-62-W4

Lab Sample ID: 890-2471-13

Date Collected: 06/27/22 13:13

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			4.95 g	5 mL	28745	06/30/22 10:55	MR	XEN MID
Total/NA	Analysis	8021B		1			29171	07/07/22 17:11	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29077	07/05/22 16:07	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28874	07/01/22 13:31	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28685	06/29/22 16:21	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/01/22 16:31	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	28633	06/29/22 11:09	CH	XEN MID
Soluble	Analysis	300.0		1			28885	07/04/22 14:17	CH	XEN MID

Client Sample ID: B-62-W5

Lab Sample ID: 890-2471-14

Date Collected: 06/27/22 13:15

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			4.96 g	5 mL	28745	06/30/22 10:55	MR	XEN MID
Total/NA	Analysis	8021B		1			29171	07/07/22 19:01	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29077	07/05/22 16:07	AJ	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

Client Sample ID: B-62-W5

Lab Sample ID: 890-2471-14

Date Collected: 06/27/22 13:15

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	Analysis	8015 NM		1			28874	07/01/22 13:31	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28685	06/29/22 16:21	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/01/22 16:53	AJ	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	07/05/22 17:45	CH	XEN MID

Client Sample ID: B-62-W6

Lab Sample ID: 890-2471-15

Date Collected: 06/27/22 13:17

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	29368	07/10/22 14:09	EL	XEN MID
Total/NA	Analysis	8021B		1			29380	07/11/22 12:19	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29077	07/05/22 16:07	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28874	07/01/22 13:31	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28685	06/29/22 16:21	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/01/22 17:14	AJ	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 14:35	CH	XEN MID

Client Sample ID: B-62-W7

Lab Sample ID: 890-2471-16

Date Collected: 06/27/22 13:19

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			5.01 g	5 mL	29368	07/10/22 14:09	EL	XEN MID
Total/NA	Analysis	8021B		1			29380	07/11/22 16:05	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29077	07/05/22 16:07	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28874	07/01/22 13:31	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	28685	06/29/22 16:21	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/01/22 17:36	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	28633	06/29/22 11:09	CH	XEN MID
Soluble	Analysis	300.0		1			28885	07/04/22 15:03	CH	XEN MID

Client Sample ID: B-62-W8

Lab Sample ID: 890-2471-17

Date Collected: 06/27/22 13:21

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	29368	07/10/22 14:09	EL	XEN MID
Total/NA	Analysis	8021B		1			29380	07/11/22 16:36	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29077	07/05/22 16:07	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28874	07/01/22 13:31	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28685	06/29/22 16:21	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/01/22 17:57	AJ	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

Client Sample ID: B-62-W8

Lab Sample ID: 890-2471-17

Date Collected: 06/27/22 13:21

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
Soluble	Leach	DI Leach			5.04 g	50 mL	28633	06/29/22 11:09	CH	XEN MID
Soluble	Analysis	300.0		1			28885	07/05/22 17:54	CH	XEN MID

Client Sample ID: B-62-W9

Lab Sample ID: 890-2471-18

Date Collected: 06/27/22 13:23

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			4.99 g	5 mL	29368	07/10/22 14:09	EL	XEN MID
Total/NA	Analysis	8021B		20			29380	07/11/22 23:19	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29077	07/05/22 16:07	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28874	07/01/22 13:31	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28685	06/29/22 16:21	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/01/22 18:19	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	28633	06/29/22 11:09	CH	XEN MID
Soluble	Analysis	300.0		1			28885	07/04/22 15:21	CH	XEN MID

Client Sample ID: B-62-W10

Lab Sample ID: 890-2471-19

Date Collected: 06/27/22 13:25

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			5.05 g	5 mL	29368	07/10/22 14:09	EL	XEN MID
Total/NA	Analysis	8021B		1			29380	07/11/22 20:41	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29077	07/05/22 16:07	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28874	07/01/22 13:31	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28685	06/29/22 16:21	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/01/22 18:40	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	28633	06/29/22 11:09	CH	XEN MID
Soluble	Analysis	300.0		1			28885	07/04/22 15:31	CH	XEN MID

Client Sample ID: B-62-W11

Lab Sample ID: 890-2471-20

Date Collected: 06/27/22 13:27

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			4.95 g	5 mL	29368	07/10/22 14:09	EL	XEN MID
Total/NA	Analysis	8021B		1			29380	07/11/22 21:07	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29077	07/05/22 16:07	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28874	07/01/22 13:31	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	28685	06/29/22 16:21	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/01/22 19:02	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	28633	06/29/22 11:09	CH	XEN MID
Soluble	Analysis	300.0		1			28885	07/04/22 15:40	CH	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

Client Sample ID: B-62-1

Lab Sample ID: 890-2471-21

Date Collected: 06/27/22 13:29

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			4.99 g	5 mL	29368	07/10/22 14:09	EL	XEN MID
Total/NA	Analysis	8021B		1			29380	07/11/22 21:33	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29077	07/05/22 16:07	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28874	07/01/22 13:31	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	28738	06/30/22 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28713	06/30/22 23:16	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	07/06/22 15:07	CH	XEN MID

Client Sample ID: B-62-2

Lab Sample ID: 890-2471-22

Date Collected: 06/27/22 13:31

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			5.00 g	5 mL	29368	07/10/22 14:09	EL	XEN MID
Total/NA	Analysis	8021B		1			29380	07/11/22 21:59	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29077	07/05/22 16:07	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28874	07/01/22 13:31	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28738	06/30/22 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28713	07/01/22 00:20	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	28633	06/29/22 11:09	CH	XEN MID
Soluble	Analysis	300.0		1			28885	07/04/22 16:17	CH	XEN MID

Client Sample ID: B-62-3

Lab Sample ID: 890-2471-23

Date Collected: 06/27/22 13:33

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			5.04 g	5 mL	29368	07/10/22 14:09	EL	XEN MID
Total/NA	Analysis	8021B		1			29380	07/11/22 22:26	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29077	07/05/22 16:07	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28874	07/01/22 13:31	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28738	06/30/22 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28713	07/01/22 00:41	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	28633	06/29/22 11:09	CH	XEN MID
Soluble	Analysis	300.0		1			28885	07/04/22 16:26	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: Fearless 23 FED Com

Job ID: 890-2471-1
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	T104704400-22-24	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: Fearless 23 FED Com

Job ID: 890-2471-1
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: Fearless 23 FED Com

Job ID: 890-2471-1
SDG: 5198

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-2471-1	B8-W1	Solid	06/27/22 11:30	06/28/22 09:11	4' - 14'
890-2471-2	B8-W2	Solid	06/27/22 11:32	06/28/22 09:11	4' - 14'
890-2471-3	B8-W3	Solid	06/27/22 11:34	06/28/22 09:11	4' - 14'
890-2471-4	B8-W4	Solid	06/27/22 11:36	06/28/22 09:11	4' - 14'
890-2471-5	B8-W5	Solid	06/27/22 11:38	06/28/22 09:11	4' - 14'
890-2471-6	B8-1	Solid	06/27/22 11:44	06/28/22 09:11	14'
890-2471-7	B8-2	Solid	06/27/22 11:46	06/28/22 09:11	14'
890-2471-8	B8-3	Solid	06/27/22 11:48	06/28/22 09:11	14'
890-2471-9	B-86/A	Solid	06/27/22 12:10	06/28/22 09:11	5'
890-2471-10	B-62-W1	Solid	06/27/22 13:07	06/28/22 09:11	4' - 27'
890-2471-11	B-62-W2	Solid	06/27/22 13:09	06/28/22 09:11	4' - 27'
890-2471-12	B-62-W3	Solid	06/27/22 13:11	06/28/22 09:11	4' - 27'
890-2471-13	B-62-W4	Solid	06/27/22 13:13	06/28/22 09:11	4' - 27'
890-2471-14	B-62-W5	Solid	06/27/22 13:15	06/28/22 09:11	4' - 27'
890-2471-15	B-62-W6	Solid	06/27/22 13:17	06/28/22 09:11	4' - 27'
890-2471-16	B-62-W7	Solid	06/27/22 13:19	06/28/22 09:11	4' - 27'
890-2471-17	B-62-W8	Solid	06/27/22 13:21	06/28/22 09:11	4' - 27'
890-2471-18	B-62-W9	Solid	06/27/22 13:23	06/28/22 09:11	4' - 27'
890-2471-19	B-62-W10	Solid	06/27/22 13:25	06/28/22 09:11	4' - 27'
890-2471-20	B-62-W11	Solid	06/27/22 13:27	06/28/22 09:11	4' - 27'
890-2471-21	B-62-1	Solid	06/27/22 13:29	06/28/22 09:11	27'
890-2471-22	B-62-2	Solid	06/27/22 13:31	06/28/22 09:11	27'
890-2471-23	B-62-3	Solid	06/27/22 13:33	06/28/22 09:11	27'



eurofins

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: _____

Page 1 of 3

Project Manager:	Will Kierdorf					
Company Name:	Ranger					
Address:	P.O. 201179					
City, State ZIP:	Austin, TX 78720					
Phone:			Email:	WILL@rangerenv.com		
Bill to: (if different)						
Company Name:	EOG Resources INC-Midland					
Address:	5509 Champion Dr Midland Tx					
City, State ZIP:						
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:	FEARLESS 23 FERGUSON		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes					
Project Number:	5198		☒ Routine ☐ Rush		Due Date:														None: NO DI Water: H ₂ O					
Project Location:	Rural LEA COMM		TAT starts the day received by the lab, if received by 4:30pm																Cool: Cool MeOH: Me					
Sampler's Name:	J. Martinez																		HCL: HC HNO ₃ : HN					
PO #:																			H ₂ SO ₄ : H ₂ NaOH: Na					
SAMPLE RECEIPT			Temp Blank:		☒ No ☐ Yes		Wet Ice:		☒ No ☐ Yes														H ₃ PO ₄ : HP	
Samples Received Intact:			☒ No ☐ Yes		Thermometer ID:		TNN-007														NaHSO ₄ : NABIS			
Cooler Custody Seals:			☒ No ☐ Yes		Correction Factor:		-0.0														Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:			☒ No ☐ Yes		Temperature Reading:		5.0														Zn Acetate+NaOH: Zn			
Total Containers:					Corrected Temperature:		4.8														NaOH+Ascorbic Acid: SAPC			
Sample Identification		Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont													Sample Comments				
B8-W1		SOIL	6-27-22	1130	4'14"	COM	1	BTEX (80a1)																
B8-W2		↓	↓	1132	↓	↓	↓	TPH (8015)																
B8-W3		↓	↓	1134	↓	↓	↓	CHLORIDE (EP430)																
B8-W4		↓	↓	1136	↓	↓	↓																	
B8-W5		↓	↓	1138	↓	↓	↓																	

Total	200.7 / 6010	200.8 / 6020:	8RCRA Texas 11	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Cu	Co	Pb	Mg	Mn	Ni	K	Se	Ag	SiO ₂	Na	Sr	Tl	Sn	U	V	Zn			
				TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 2451 / 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 the 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 the service. A minimum charge of \$85.00 will be applied to each protocol 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
1	<i>[Signature]</i>	<i>[Signature]</i>	6/28/22	<i>[Signature]</i>	<i>[Signature]</i>	
3						
4						
6						

Revised Date: 08/25/2020 Rev. 2020.2

Chain of Custody



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

Work Order No: _____

www.xenco.com Page 2 of 3

Project Manager: Will Kierdorf		Bill to: (if different)	
Company Name: Ranger		Company Name: EOG Resources INC-Midland	
Address: P.O. 201179		Address: 5509 Champion Dr.	
City, State ZIP: Austin TX 78720		City, State ZIP: Midland TX	
Phone: _____		Email: _____	

Project Name: Fearless 23 Fed com		Turn Around	
Project Number: 5198		☒ Routine ☐ Rush	
Project Location: Rural LEA CO. NM		Due Date: _____	
Sampler's Name: J. Martinez		TAT starts the day received by the lab, if received by 4:30pm	
PO #: _____		TAT starts the day received by the lab, if received by 4:30pm	

ANALYSIS REQUEST										Preservative Codes	
Project Name:	Project Number:	Project Location:	Sampler's Name:	PO #:	Temp Blank:	Yes	No	Wet Ice:	Yes	No	Pres. Code
SAMPLE RECEIPT Samples Received Intact: Yes No Cooler Custody Seals: Yes No N/A Sample Custody Seals: Yes No N/A Total Containers: _____ Thermometer ID: _____ Correction: _____ Temperature Reading: _____ Corrected Temperature: _____											
SAMPLE IDENTIFICATION Sample ID: B8-1 Sample ID: B8-2 Sample ID: B8-3 Sample ID: B-86/A Sample ID: B-102-W1 Sample ID: -W2 Sample ID: -W3 Sample ID: -W4 Sample ID: -W5 Sample ID: -W6 Date Sampled: 6-27-22 Date Sampled: 6-27-22 Date Sampled: 6-27-22 Date Sampled: 6-27-22 Date Sampled: 6-27-22 Date Sampled: 6-27-22 Date Sampled: 6-27-22 Date Sampled: 6-27-22 Date Sampled: 6-27-22 Date Sampled: 6-27-22 Time Sampled: 11:44 Time Sampled: 11:46 Time Sampled: 11:48 Time Sampled: 12:10 Time Sampled: 13:07 Time Sampled: 13:09 Time Sampled: 13:11 Time Sampled: 13:13 Time Sampled: 13:15 Time Sampled: 13:17 Depth: 14' Depth: 14' Depth: 14' Depth: 14' Depth: 14' Depth: 14' Depth: 14' Depth: 14' Depth: 14' Grab/Comp: Comp Grab/Comp: Comp Grab/Comp: Comp Grab/Comp: Comp Grab/Comp: Comp Grab/Comp: Comp Grab/Comp: Comp Grab/Comp: Comp Grab/Comp: Comp Matrix: Soil Matrix: Soil Matrix: Soil Matrix: Soil Matrix: Soil Matrix: Soil Matrix: Soil Matrix: Soil Matrix: Soil # of Cont: 1 # of Cont: 1 # of Cont: 1 # of Cont: 1 # of Cont: 1 # of Cont: 1 # of Cont: 1 # of Cont: 1 # of Cont: 1											
Preservative Codes: None: NO DI Water: H₂O Cool: Cool MeOH: Me HCL: HC HNO₃: HN H₂SO₄: H₂ NaOH: Na H₃PO₄: HP NaHSO₄: NABIS Na₂S₂O₃: NaSO₃ 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

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
<i>[Signature]</i>	<i>Ananda Stief</i>	6/28/22 9:11			

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 3 of 3

Project Manager: Will Kierdorf		Bill to: (if different)	
Company Name: Ranger		Company Name: Eco Resources Inc - Midland	
Address: P.O. 201179		Address: 5509 Champion Dr	
City, State ZIP: Austin, TX 78720		City, State ZIP: Midland, TX	
Phone:		Email: will@rangerenv.com	

Project Name: Fearless 23 Fed Cam		Turn Around	
Project Number: 5198		☒ Routine ☐ Rush	
Project Location: Rural LEA COMM		Due Date:	
Sampler's Name: J. Martinez		TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT				Parameters				Preservative Codes			
Temp Blank:	Yes	No	Wet/Dry:	Yes	No	Thermometer ID:		None:	NO	DI Water:	H ₂ O
Cooler Custody Seals:	Yes	No	Correction Factor:			Temperature Reading:		Cool:	Cool	MeOH:	Me
Sample Custody Seals:	Yes	No	Corrected Temperature:					HCL:	HC	HNO ₃ :	HN
Total Containers:								H ₂ SO ₄ :	H ₂	NaOH:	Na

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Sample Comments
B62-W7	soil	6-27-22	1319	4'27"	comp	1	
-W8			1321				X BTEX (8621)
-W9			1323				X TPH (8015)
-W10			1325				X Chloride (EPA 300)
-W11			1327				
B62-1			1329	27'			
B62-2			1331				
B62-3			1333				

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
1 <i>[Signature]</i>	<i>[Signature]</i>	6/27/22 911			
3 <i>[Signature]</i>					
5 <i>[Signature]</i>					

Revised Date 08/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: Ranger Environmental Services, Inc

Job Number: 890-2471-1

SDG Number: 5198

Login Number: 2471

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: 890-2471-1

SDG Number: 5198

Login Number: 2471

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.	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	

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 126397

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 126397
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	7/25/2022