



**SITE REMEDIATION AND CLOSURE REPORT
ROY SWD #3 – TANK BATTERY AREA**

**NAB1801936658 & NAB1834454137
UNIT P, SECTION 7, TOWNSHIP 19S, RANGE 25E
EDDY COUNTY, NEW MEXICO
32.67059, -104.51773
RANGER REFERENCE NO. 5375**

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**

JANUARY 21, 2025

A blue ink signature of Patrick K. Finn, consisting of a stylized 'P' followed by a series of loops and a horizontal line.

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

A blue ink signature of William Kierdorf, consisting of a stylized 'W' followed by several loops and a horizontal line.

**William Kierdorf, REM
Project Manager**

TABLE OF CONTENTS

1.0	SITE LOCATION AND BACKGROUND	1
2.0	SITE REMEDIATION	2
2.1	Closure Criteria	2
2.2	Impacted Soil Removal and Remediation Summary.....	3
2.3	Final Excavation Dimensions and Cleanup Confirmation Soil Sample Results	4
2.4	Waste Disposal	4
3.0	SITE CLOSURE.....	4
3.1	Site Completion & Backfill	4
3.2	Site Revegetation & Reclamation.....	5
3.3	Closure Request.....	5

FIGURES

- Topographic Map
- Area Map
- Remediation Area Overview Map
- Final Excavation Area and Confirmation Sample Location Map

TABLES

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

ATTACHMENTS

- Attachment 1 – Photographic Documentation
- Attachment 2 – Laboratory Analytical Reports
- Attachment 3 – NMOCD Correspondence



**SITE REMEDIATION AND CLOSURE REPORT
ROY SWD #3 – TANK BATTERY AREA**

**NAB1801936658 & NAB1834454137
UNIT P, SECTION 7, TOWNSHIP 19S, RANGE 25E
EDDY COUNTY, NEW MEXICO
32.67059, -104.51773
RANGER REFERENCE NO. 5375**

1.0 SITE LOCATION AND BACKGROUND

The Roy SWD #3 (Site) is located on private land, approximately 13.6 miles southwest of Artesia, within Eddy County, New Mexico. The facility is situated in Unit P, Section 7, T19S-R25E at GPS coordinates 32.67059, -104.51773. The site was operated by EOG Resources, Inc. (EOG) and historically consisted of a saltwater disposal well, a tank battery with an earthen containment berm, pump houses and associated equipment. Operations at the site were once conducted within the full extent of the facility pad; however, a reduction of operations at the Site left the southern approximate half of the facility pad unused. Prior to the reporting of the subject incident detailed below, reclamation efforts to decommission the southern portion of the pad were completed. In April and May of 2022, plugging and abandonment of the on-site disposal well was completed. Additionally, the on-site tank battery and associated equipment has been taken out-of-service, decommissioned, and removed from the Site.

On January 4, 2018, a release was discovered at the Site due to a failure in the PVC waterleg line that connects the gun barrel to the water tank. The impacted area was approximately 90 feet by 20 feet inside of the battery berm to the north of the tanks. Initial response activities included source elimination and site stabilization activities, which recovered approximately 5 barrels (bbls) of fluid. The release and initial response activities were reported by EOG to the New Mexico Oil Conservation Division (NMOCD) on Form C-141, dated January 18, 2018 (NMOCD Remediation Permit RP-4576 / NMOCD Incident ID nAB1801936658).

In response to the release event, the visually impacted area of the release on the north side of the battery was excavated with the removal of impacted material resulting in an approximate 40 feet by 20 feet by 4 feet deep excavation which remained open for some time. In January 2018, Souder, Miller and Associates (SMA) completed soil boring activities in an attempt to delineate the impacts associated with the release and develop a remedial strategy for the incident.

Prior to the development of a remedial plan for the January 4, 2018 release, on November 13, 2018, an additional release was discovered due to failure of the line that connected the gun barrel to the produced water tank. The release resulted in an impacted area approximately 20 feet by 150 feet and was confined within the battery's earthen containment. Initial response activities were conducted by EOG which included source elimination and site stabilization, recovering 120 bbls of fluid. The release and initial response activities were reported by EOG to NMOCD on Form C-141, dated November 28, 2018 (NMOCD Remediation Permit RP-5094 / NMOCD Incident ID nAB1834454137).

From December 2018 to September 2019, representatives of SMA and EOG completed additional assessment efforts in the tank battery area. The efforts included the installation of additional soil borings and test excavations to assist in the delineation of the soil impacts.

EOG subsequently retained Ranger Environmental Services, LLC (Ranger) to oversee the remaining site assessment and remediation activities since Ranger was conducting other assessment and remediation activities at the former Roy SWD #3 facility (NMOCD Incident #s nAPP2111046250 and nAPP2123047534).

As summarized above, in April 2022, the Roy SWD #3 injection well was plugged and abandoned (P&A'd). Following completion of the P&A process, the remaining facility, including the tank battery, was decommissioned and removed from the Site. From May to August 2022, Ranger and representatives of EOG completed additional assessment efforts in the Tank Battery area which included the installation of additional soil borings and test excavations. Utilizing the findings of the completed SMA and Ranger assessment activities a Ranger prepared *Site Status Update and Proposed Remediation Plan*, dated November 1, 2022, was submitted to the NMOCD. The report included details and results of the completed site assessment activities and proposed a remedial strategy to address the impacts within the tank battery area. The proposed remedial strategy included limited soil removal to a depth of six feet below ground surface (bgs) and the installation of a geosynthetic clay liner (GCL). On June 2, 2023, the NMOCD approved (with conditions) the proposed remediation plan for the tank battery area. The NMOCD conditional approval stated that *"The variance for the geosynthetic clay liner at 6 feet below ground surface is approved under the circumstance that as much contaminated soil is safely removed as possible."*

Due to the prolonged NMOCD response to the November 1, 2022 *Site Status Update and Proposed Remediation Plan* and the on-going remedial operations associated with the above-referenced additional release incidents (NMOCD Incident #s nAPP2111046250 and nAPP2123047534), the remedial operations in the tank battery area were initiated in July 2024. It should be noted, however, that since it was unclear as to what the NMOCD would consider to be "safe" versus "unsafe" in regard to excavation depth, and what level of remediation would be considered acceptable to the NMOCD, a decision was made to remediate the subject release incidents to the applicable NMAC 19.15.29.12 Table 1 Criteria, detailed below.

A *Topographic Map* and *Area Map* noting the location of the subject property and surrounding areas are provided in the Figures section.

2.0 SITE REMEDIATION

2.1 Closure Criteria

Based upon the site characterization details provided in the November 1, 2022 *Site Status Update and Proposed Remediation Plan*, the Site was remediated to the Table 1 19.15.29.12 NMAC (groundwater $\leq 50'$ feet) criteria (Table 1 Criteria). Additionally, the remediation activities were completed to bring the surface to four-foot depth interval into compliance with the Restoration, Reclamation and Re-Vegetation criteria (Reclamation Criteria) detailed in 19.15.29.13 NMAC. The applicable NMAC 19.15.29 criteria are detailed below:



SITE CLOSURE CRITERIA¹

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 ²	50 ²	10 ²

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

1. Full site characterization details are included in the Site Characterization and Proposed Remediation Work Plan, dated November 1, 2022.
2. Value derived from the State of New Mexico Energy, Minerals and Natural Resources Department document Procedures for the Implementation of Digital C-141 and the release rule (19.15.29 NMAC) dated December 1, 2023.

2.2 Impacted Soil Removal and Remediation Summary

Soil removal operations were completed at the Site from July 11, 2024 to December 19, 2024. Field readings were continuously collected throughout the excavation process to guide the horizontal and vertical extents of the excavation and qualitatively assess the cleanup progress. The field screening activities conducted by Ranger personnel during the soil excavation process involved the usage of an organic vapor monitor (OVM) and field chloride titration kit to assist in guiding the excavation to appropriate boundaries. Upon reaching boundaries in an area which appeared to have attained the site closure criteria based upon the field screening results, cleanup confirmation soil samples were then collected for laboratory analysis in accordance with the approved Remediation Plan. Prior to each cleanup confirmation soil sampling event, appropriate notice was provided to the NMOCD in accordance with NMAC 19.15.29.12 (D). Copies of the notifications are attached.

Numerous cleanup confirmation soil sampling events were ultimately conducted to verify the field readings and confirm whether or not the site closure criteria had been attained. In the event that the cleanup confirmation soil sampling results indicated that the site closure criteria had not been attained, then additional over-excavation and re-sampling of those areas was conducted.

The cleanup confirmation soil samples were collected in accordance with NMAC 19.15.29.12 Subsection D as representative five-point composite samples from the sidewalls and base representative of no more than 200 square feet. The samples were collected and managed using standard QA/QC and chain-of-custody procedures. Ranger personnel wore new nitrile gloves while handling each sample in order to prevent cross-contamination of samples.

The collected soil samples were containerized in sterile, laboratory-supplied containers and were subsequently sealed in one or more zip lock bags and stored in a sample shuttle containing ice until arrival at the laboratory for chemical analysis. All sample containers were labeled with the project name, sample identification, date and time of sample collection, and samplers' initials. Chain-of-custody forms were completed to document sample transport to the analytical laboratory.



Upon collection, the soil samples were submitted to Eurofins Albuquerque (formerly Hall Environmental Analysis Laboratory, Inc.) in Albuquerque, 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. Copies of the laboratory analytical reports including chain-of-custody documentation are attached.

2.3 Final Excavation Dimensions and Cleanup Confirmation Soil Sample Results

The final cleanup confirmation soil sample results documented attainment of the Table 1 Criteria (GW $\leq 50'$) and Reclamation Criteria summarized in Section 2.1. Upon completion of the soil removal activities, the excavated area had maximum dimensions of approximately 183 feet by 79 feet and was completed to depths ranging from approximately 2' to 28' bgs. A *Final Excavation Area and Confirmation Sample Location Map* is provided in the Figures section which illustrates the completed excavation boundaries and the locations of the final cleanup confirmation soil samples.

During the remediation process, the primary constituent of concern was documented to be chloride. Four cleanup confirmation soil samples collected in August 2024 were, however, found to contain TPH concentrations that were slightly elevated above the target cleanup criteria, and as such these areas were subsequently overexcavated. It should be noted, however, that three cleanup confirmation soil samples collected on November 25, 2024 were documented to contain TPH concentrations that were greater than the levels previously documented within the excavation in August 2024. These elevated TPH concentrations were associated with a minor hydraulic fluid spray of de minimis volume originating from the site excavation equipment. Repairs to the equipment were completed and the affected areas were subsequently removed.

The attached "*Tank Battery Confirmation Samples - Confirmation Soil Sample BTEX (EPA 8260), TPH (EPA 8015) & Chloride (EPA 300) Analytical Data*" table provides a comprehensive summary of the laboratory analytical results for the cleanup confirmation soil samples collected during the site remediation process. Any results presented with a "strikethrough" indicate that those sample areas were further over-excavated and resampled.

2.4 Waste Disposal

All soils generated during the remedial excavation activities at the Site were transported to disposal at either the Lea Land disposal facility in Eddy County, New Mexico or the Gandy Marley disposal facility located in Chavez County, New Mexico.

3.0 SITE CLOSURE

3.1 Site Completion & Backfill

Upon successfully completing remediation to boundaries where soil concentrations were documented to be within the target closure criteria, the areas were backfilled with clean fill material in accordance with NMAC 19.15.29.12 and NMAC 19.15.29.13. At the time of this report, backfilling of the excavated areas is ongoing.

3.2 Site Revegetation & Reclamation

Since the Site is no longer active, revegetation and reclamation efforts will be completed in accordance with NMAC 19.15.29.13. Full details of the Site revegetation and reclamation efforts will be submitted in a subsequent *Site Reclamation Report*.

3.3 Closure Request

Based on the completed site remediation and cleanup confirmation soil sampling activities, the site has been properly addressed pursuant to NMAC 19.15.29 and EOG respectfully requests closure of the incident

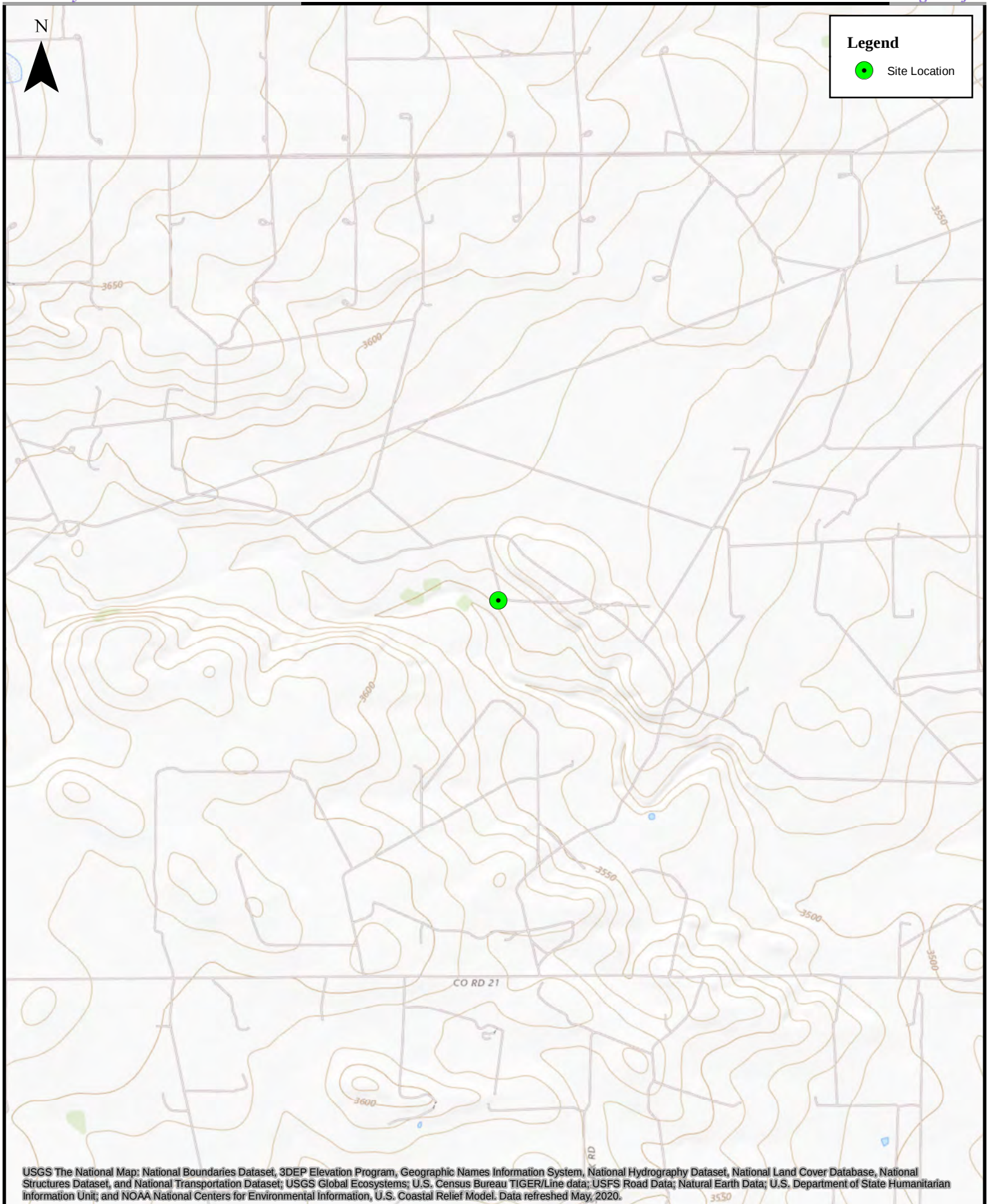
FIGURES

Topographic Map

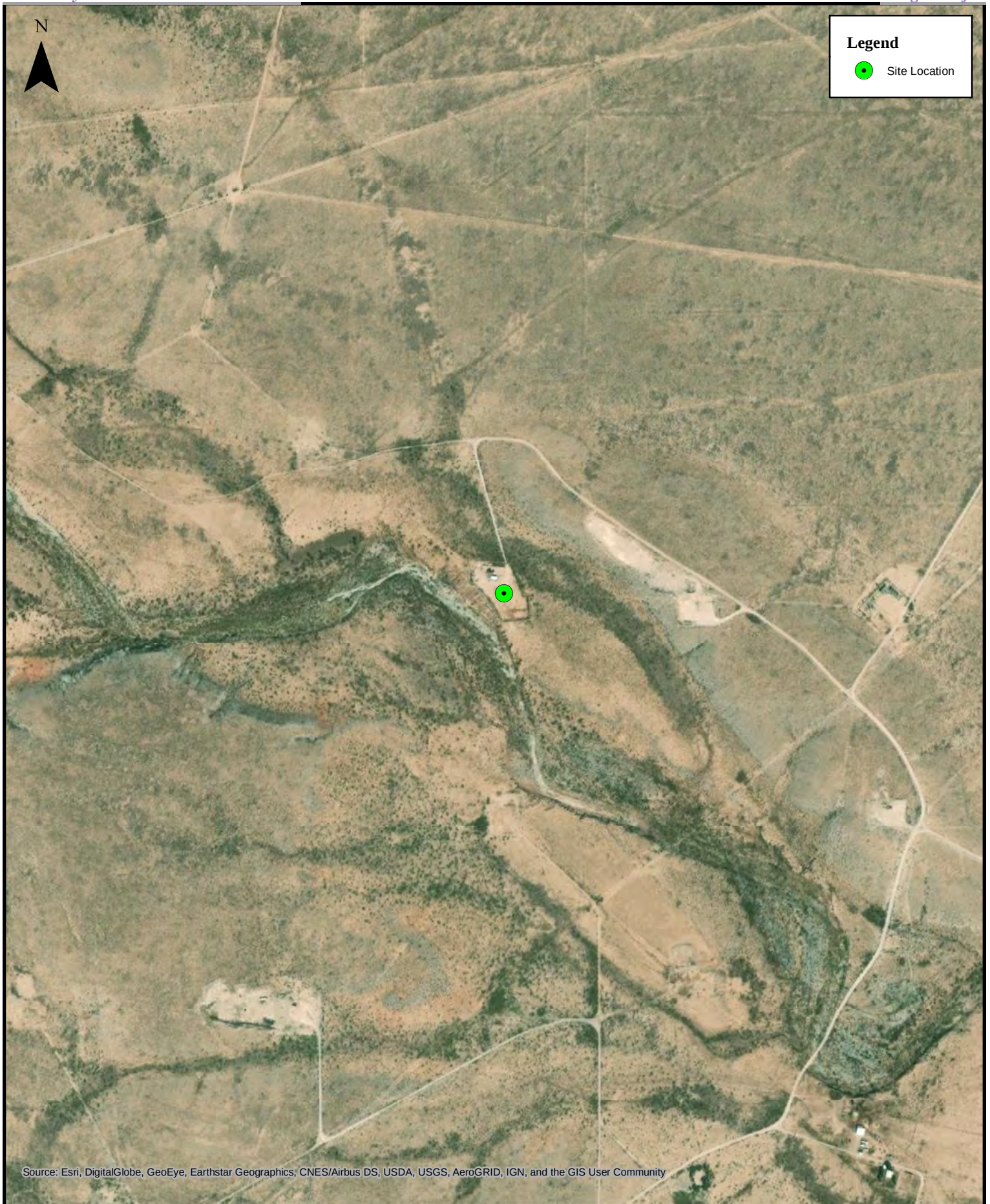
Area Map

Remediation Area Overview Map

Final Excavation & Confirmation Sample Location Map



 0 600 1,200 2,400 3,600 4,800 Feet 1:24,000	Topographic Map Roy SWD #3 EOG Resources, Inc.
--	--



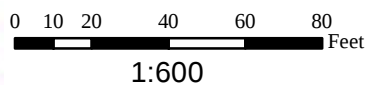
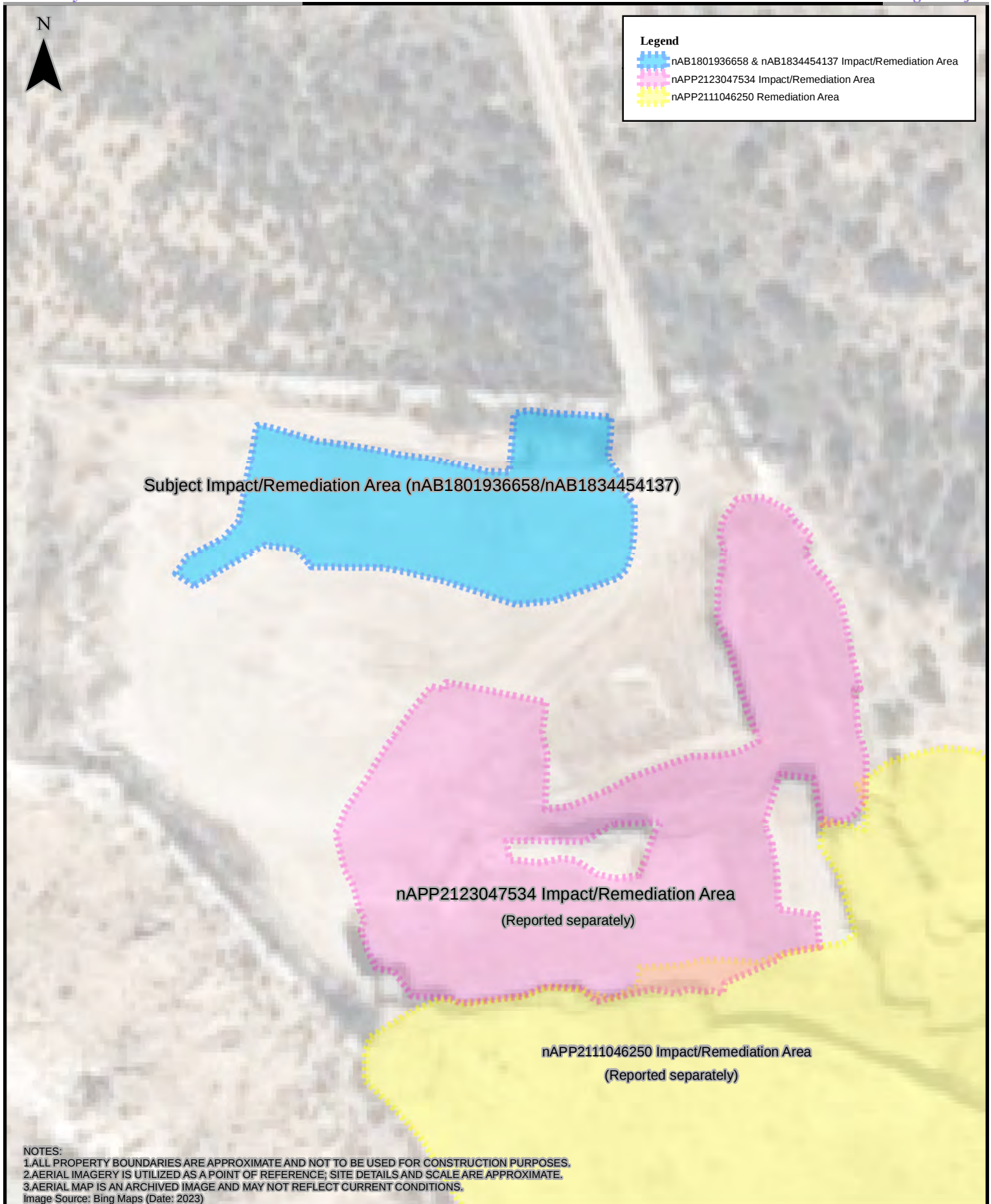
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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

1:10,000

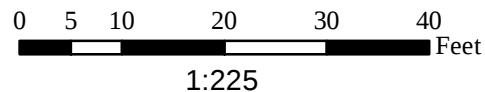
Area Map
Roy SWD #3
EOG Resources, Inc.

**Remediation Area Overview Map**

Roy SWD #3
EOG Resources, Inc.



NOTES:
1.ALL PROPERTY BOUNDARIES ARE APPROXIMATE AND NOT TO BE USED FOR CONSTRUCTION PURPOSES.
2.AERIAL IMAGERY IS UTILIZED AS A POINT OF REFERENCE; SITE DETAIL LOCATIONS ARE APPROXIMATE.
3.AERIAL MAP IS AN ARCHIVED IMAGE AND MAY NOT REFLECT CURRENT CONDITIONS.
Image Source: Bing Maps (Date: 2023)



**Final Excavation Area and Confirmaiton
Sample Location Map**
Roy SWD #3
EOG Resources, Inc.

TABLES

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

CONFIRMATION SOIL SAMPLE BTEX (EPA 8260), TPH (EPA 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA													
ROY SWD #3													
EDDY COUNTY, NEW MEXICO													
All values presented in parts per million (mg/Kg)													
SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+MRO)	CHLORIDE
Excavation Base Soil Samples													
TB-B1	9/9/2024	14'	<0.025	<0.050	<0.050	<0.10	<0.1	<5.0	<10	<50	<10	<50	260
TB-B2	9/9/2024	14'	<0.024	<0.048	<0.048	<0.097	<0.1	<4.8	<9.9	<50	<9.9	<50	430
TB-B3	9/9/2024	14'	<0.024	<0.049	<0.049	<0.098	<0.1	<4.9	<9.2	<46	<9.2	<46	270
TB-B4	9/9/2024	14'	<0.025	<0.050	<0.050	<0.10	<0.1	<5.0	<9.6	<48	<9.6	<48	700
TB-B4A	10/3/2024	16'	<0.025	<0.050	<0.050	<0.10	<0.1	<5.0	<9.6	<48	<9.6	<48	1,400
TB-B4B	10/17/2024	17'	<0.025	<0.049	<0.049	<0.098	<0.1	<4.9	<10	<50	<10	<50	230
TB-B5	8/13/2024	8'	<0.025	<0.050	<0.050	<0.099	<0.1	<5.0	<10	<50	<10	<50	330
TB-B6	9/9/2024	17'	<0.024	<0.048	<0.048	<0.096	<0.1	<4.8	<9.4	<47	<9.4	<47	350
TB-B7	9/9/2024	14'	<0.024	<0.048	<0.048	<0.097	<0.1	<4.8	<9.3	<47	<9.3	<47	380
TB-B8	9/9/2024	14'	<0.024	<0.048	<0.048	<0.096	<0.1	<4.8	<9.7	<49	<9.7	<49	190
TB-B9	9/9/2024	14'	<0.024	<0.049	<0.049	<0.097	<0.1	<4.9	<9.2	<46	<9.2	<46	380
TB-B10	8/13/2024	8'	<0.024	<0.049	<0.049	<0.099	<0.1	<4.9	<9.6	<48	<9.6	<48	1,300
TB-B10A	9/9/2024	14'	<0.023	<0.047	<0.047	<0.094	<0.1	<4.7	<9.2	<46	<9.2	<46	120
TB-B11	9/9/2024	19'	<0.023	<0.046	<0.046	<0.093	<0.1	<4.6	<9.4	<47	<9.4	<47	600
TB-B12	9/9/2024	14'	<0.025	<0.049	<0.049	<0.099	<0.1	<4.9	<9.6	<48	<9.6	<48	270
TB-B13	9/9/2024	19'	<0.023	<0.046	<0.046	<0.092	<0.1	<4.6	<9.9	<49	<9.9	<49	<60
TB-B14	9/9/2024	14'	<0.024	<0.048	<0.048	<0.096	<0.1	<4.8	<9.9	<49	<9.9	<49	950
TB-B14A	10/3/2024	16'	<0.024	<0.048	<0.048	<0.096	<0.1	<4.8	<9.1	<45	<9.1	<45	550
TB-B15	9/9/2024	17'	<0.025	<0.050	<0.050	<0.099	<0.1	<5.0	<9.1	<45	<9.1	<45	180
TB-B16	9/9/2024	17'	<0.024	<0.049	<0.049	<0.097	<0.1	<4.9	<9.3	<46	<9.3	<46	91
TB-B17	9/9/2024	17'	<0.023	<0.046	<0.046	<0.093	<0.1	<4.6	<9.7	<49	<9.7	<49	82
TB-B18	9/9/2024	19'	<0.024	<0.048	<0.048	<0.096	<0.1	<4.8	<9.9	<49	<9.9	<49	63
TB-B19	8/13/2024	8'	<0.024	<0.048	<0.048	<0.097	<0.1	<4.8	<9.6	<48	<9.6	<48	520
TB-B19A	9/9/2024	22'	<0.024	<0.047	<0.047	<0.094	<0.1	<4.7	<9.2	<46	<9.2	<46	78
TB-B20	8/13/2024	8'	<0.024	<0.049	<0.049	<0.098	<0.1	<4.9	<9.9	<50	<9.9	<50	1,200
TB-B-20-A	9/9/2024	17'	<0.024	<0.048	<0.048	<0.095	<0.1	<4.8	<8.8	<44	<8.8	<44	830
TB-B20B	10/3/2024	27'	<0.025	<0.049	<0.049	<0.099	<0.1	<4.9	<9.7	<48	<9.7	<48	900
TB-B20C	10/17/2024	28'	<0.023	<0.047	<0.047	<0.094	<0.1	<4.7	<9.6	<48	<9.6	<48	140
TB-B21	9/9/2024	14'	<0.025	<0.050	<0.050	<0.099	<0.1	<5.0	<9.0	<45	<9.0	<45	<60
TB-B22	9/9/2024	14'	<0.024	<0.048	<0.048	<0.096	<0.1	<4.8	<9.2	<46	<9.2	<46	160
TB-B23	8/13/2024	8'	<0.023	<0.046	<0.046	<0.092	<0.1	<4.6	<9.7	<48	<9.7	<48	780
TB-B-23A	9/9/2024	8-12'	<0.025	<0.049	<0.049	<0.099	<0.1	<4.9	<9.7	<49	<9.7	<49	670
TB-B23B	12/19/2024	8-13'	<0.020	<0.040	<0.040	<0.081	<0.1	<4.0	<9.7	<48	<9.7	<48	<60
TB-B24	8/13/2024	8'	<0.024	<0.048	<0.048	<0.096	<0.1	<4.8	<9.7	<49	<9.7	<49	440
TB-B25	8/13/2024	0-8'	<0.024	<0.048	<0.048	<0.095	<0.1	<4.8	<9.7	<49	<9.7	<49	220
TB-B26	9/9/2024	14'	<0.023	<0.047	<0.047	<0.093	<0.1	<4.7	<9.9	<50	<9.9	<50	150
TB-B27	9/9/2024	14'	<0.024	<0.048	<0.048	<0.097	<0.1	<4.8	<9.9	<50	<9.9	<50	200
TB-B27A	10/3/2024	14'	<0.024	<0.049	<0.049	<0.098	<0.1	<4.9	<9.9	<50	<9.9	<50	7,000
TB-B27B	10/17/2024	15'	<0.025	<0.049	<0.049	<0.099	<0.1	<4.9	<9.6	<48	<9.6	<48	200
TB-B28	9/9/2024	14'	<0.024	<0.048	<0.048	<0.096	<0.1	<4.8	<9.6	<48	<9.6	<48	250
TB-B29	9/9/2024	14'	<0.025	<0.049	<0.049	<0.098	<0.1	<4.9	<9.9	<49	<9.9	<49	240
TB-B30	9/9/2024	14'	<0.025	<0.049	<0.049	<0.099	<0.1	<4.9	<9.8	<49	<9.8	<49	270
TB-B31	9/9/2024	17'	<0.024	<0.048	<0.048	<0.097	<0.1	<4.8	<9.6	<48	<9.6	<48	290
TB-B32	9/9/2024	17'	<0.025	<0.049	<0.049	<0.099	<0.1	<4.9	<9.5	<48	<9.5	<48	290
TB-B33	9/9/2024	17'	<0.024	<0.047	<0.047	<0.095	<0.1	<4.7	<8.6	<43	<8.6	<43	<60
TB-B34	9/9/2024	14'	<0.025	<0.050	<0.050	<0.10	<0.1	<5.0	<9.5	<48	<9.5	<48	500
TB-B36	9/9/2024	14'	<0.025	<0.050	<0.050	<0.10	<0.1	<5.0	<9.5	<47	<9.5	<47	1,600
TB-B35A	10/3/2024	16'	<0.023	<0.047	<0.047	<0.094	<0.1	<4.7	<9.1	<45	<9.1	<45	2300
TB-B35B	10/17/2024	17'	<0.024	<0.047	<0.047	<0.095	<0.1	<4.7	<9.7	<48	<9.7	<48	150
TB-B36	9/9/2024	17'	<0.024	<0.047	<0.047	<0.094	<0.1	<4.7	<9.3	<46	<9.3	<46	1,300
TB-B36A	10/3/2024	19'	<0.025	<0.049	<0.049	<0.099	<0.1	<4.9	<10	<50	<10	<50	970
TB-B36B	10/17/2024	20'	<0.024	<0.047	<0.047	<0.094	<0.1	<4.7	<9.6	<48	<9.6	<48	330
TB-B37	9/9/2024	17'	<0.023	<0.046	<0.046	<0.093	<0.1	<4.6	<9.2	<46	<9.2	<46	1,600
TB-B37A	10/17/2024	20'	<0.024	<0.049	<0.049	<0.098	<0.1	<4.9	<8.9	<45	<8.9	<45	250
TB-B38A	10/3/2024	20'	<0.023	<0.047	<0.047	<0.093	<0.1	<4.7	<8.9	<45	<8.9	<45	65
TB-B39	10/3/2024	27'	<0.024	<0.048	<0.048	<0.096	<0.1	<4.8	<9.4	<47	<9.4	<47	66
TB-B40	10/3/2024	14'	<0.023	<0.046	<0.046	<0.093	<0.1	<4.6	<8.6	<43	<8.6	<43	82
TB-B41	8/13/2024	2'	<0.025	<0.050	<0.050	<0.099	<0.1	<5.0	<10	<50	<10	<50	280
TB-B42	8/13/2024	2'	<0.024	<0.048	<0.048	<0.097	<0.1	<4.8	<9.5	<47	<9.5	<47	390
TB-B43	8/13/2024	2'	<0.023	<0.047	<0.047	<0.093	<0.1	<4.7	24	<49	24	24	190
TB-B44	8/13/2024	2'	<0.024	<0.048	<0.048	<0.097	<0.1	<4.8	<9.9	<49	<9.9	<49	250
TB-B45	10/3/2024	14'	<0.024	<0.048	<0.048	<0.096	<0.1	<4.8	<8.6	<43	<8.6	<43	77
TB-B46	8/13/2024	8'	<0.024	<0.049	<0.049	<0.097	<0.1	<4.9	<9.7	<48	<9.7	<48	390

CONFIRMATION SOIL SAMPLE BTEX (EPA 8260), TPH (EPA 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA													
ROY SWD #3													
EDDY COUNTY, NEW MEXICO													
All values presented in parts per million (mg/Kg)													
SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+MRO)	CHLORIDE
Excavation Wall Soil Samples													
TB-W1	8/13/2024	0'-6"	<0.024	<0.049	<0.049	<0.097	<0.1	<4.9	<10	<50	<10	<50	300
TB-W2	8/13/2024	0'-6"	<0.024	<0.048	<0.048	<0.097	<0.1	<4.8	<9.3	<46	<9.3	<46	160
TB-W3	8/13/2024	0'-6"	<0.025	<0.049	<0.049	<0.098	<0.1	<4.9	<9.9	<50	<9.9	<50	240
TB-W4	8/13/2024	0'-2"	<0.025	<0.049	<0.049	<0.098	<0.1	<4.9	44	60	44	104	190
TB-W4A	9/9/2024	2'-14"	<0.025	<0.049	<0.049	<0.099	<0.1	<4.9	<9.8	<49	<9.8	<49	410
TB-W5	8/13/2024	0'-2"	<0.024	<0.049	<0.049	<0.098	<0.1	<4.9	<9.6	<48	<9.6	<48	600
TB-W6	8/13/2024	2'-8"	<0.024	<0.048	<0.048	<0.097	<0.1	<4.8	45	56	45	101	190
TB-W6A	9/9/2024	2'-14"	<0.024	<0.048	<0.048	<0.096	<0.1	<4.8	<9.5	<48	<9.5	<48	71
TB-W7	8/13/2024	0'-6"	<0.024	<0.048	<0.048	<0.097	<0.1	<4.8	<9.7	<48	<9.7	<48	160
TB-W8	8/13/2024	0'-6"	<0.023	<0.046	<0.046	<0.093	<0.1	<4.6	98	120	98	218	440
TB-W8A	9/9/2024	0'-14"	<0.025	<0.049	<0.049	<0.098	<0.1	<4.9	<9.6	<48	<9.6	<48	110
TB-W9	8/13/2024	0'-6"	<0.023	<0.046	<0.046	<0.092	<0.1	<4.6	<10	<50	<10	<50	550
TB-W10	8/13/2024	0'-6"	<0.023	<0.046	<0.046	<0.092	<0.1	<4.6	<9.4	<47	<9.4	<47	550
TB-W11	8/13/2024	0'-6"	<0.025	<0.049	<0.049	<0.098	<0.1	<4.9	<9.5	<48	<9.5	<48	97
TB-W12	8/13/2024	0'-6"	<0.025	<0.049	<0.049	<0.098	<0.1	<4.9	<9.8	<49	<9.8	<49	93
TB-W13	8/13/2024	0'-6"	<0.023	<0.046	<0.046	<0.093	<0.1	<4.6	<9.7	<49	<9.7	<49	1,500
TB-W13A	9/9/2024	0'-6"	<0.025	<0.050	<0.050	<0.099	<0.1	<5.0	35	<49	35	35	70
TB-W14	8/13/2024	0'-6"	<0.024	<0.048	<0.048	<0.095	<0.1	<4.8	<9.8	<49	<9.8	<49	1,700
TB-W14A	9/9/2024	0'-14"	<0.023	<0.046	<0.046	<0.093	<0.1	<4.6	21	<48	21	21	<60
TB-W15	8/13/2024	0'-6"	<0.024	<0.048	<0.048	<0.095	<0.1	<4.8	<9.8	<49	<9.8	<49	81
TB-W16	8/13/2024	0'-6"	<0.025	<0.049	<0.049	<0.099	<0.1	<4.9	<9.9	<49	<9.9	<49	540
TB-W17	8/13/2024	2'-6"	<0.024	<0.048	<0.048	<0.096	<0.1	<4.8	<10	<50	<10	<50	1,000
TB-W17A	9/9/2024	2'-14"	<0.024	<0.049	<0.049	<0.098	<0.1	<4.9	<9.8	<49	<9.8	<49	110
TB-W18	11/1/2024	6'-14"	<0.025	<0.050	<0.050	<0.099	<0.1	<5.0	<9.5	<48	<9.5	<48	1,500
TB-W18A	11/25/2024	6'-14"	<0.024	<0.049	<0.049	<0.097	<0.1	<4.9	<9.1	<46	<9.1	<46	340
TB-W19	11/1/2024	6'-18"	<0.025	<0.050	<0.050	<0.10	<0.1	<5.0	<9.5	<48	<9.5	<48	1,500
TB-W19A	11/25/2024	6'-18"	<0.024	<0.048	<0.048	<0.096	<0.1	<4.8	460	810	460	1,270	310
TB-W19B	12/9/2024	6'-18"	<0.025	<0.049	<0.049	<0.099	<0.1	<4.9	13	60	13	73	570
TB-W20	11/1/2024	6'-18"	<0.025	<0.050	<0.050	<0.099	<0.1	<5.0	<9.4	<47	<9.4	<47	1,300
TB-W20A	11/25/2024	6'-18"	<0.025	<0.049	<0.049	<0.098	<0.1	<4.9	<9.9	<50	<9.9	<50	440
TB-W21	11/1/2024	6'-17"	<0.025	<0.049	<0.049	<0.099	<0.1	<4.9	<9.6	<48	<9.6	<48	1,100
TB-W21A	11/25/2024	6'-17"	<0.023	<0.047	<0.047	<0.094	<0.1	<4.7	<10	<50	<10	<50	400
TB-W22	11/1/2024	6'-17"	<0.024	<0.049	<0.049	<0.097	<0.1	<4.9	<9.5	<48	<9.5	<48	1,100
TB-W22A	11/25/2024	6'-17"	<0.023	<0.046	<0.046	<0.092	<0.1	<4.6	<9.6	<48	<9.6	<48	120
TB-W23	11/1/2024	6'-14"	<0.025	<0.049	<0.049	<0.098	<0.1	<4.9	<9.3	<47	<9.3	<47	490
TB-W24	11/1/2024	6'-14"	<0.024	<0.049	<0.049	<0.098	<0.1	<4.9	<9.6	<48	<9.6	<48	640
TB-W24A	11/25/2024	6'-14"	<0.024	<0.047	<0.047	<0.095	<0.1	<4.7	<9.3	<47	<9.3	<47	310
TB-W25	11/1/2024	6'-19"	<0.023	<0.047	<0.047	<0.093	<0.1	<4.7	<9.8	<49	<9.8	<49	510
TB-W26	11/1/2024	6'-22"	<0.024	<0.048	<0.048	<0.096	<0.1	<4.8	<9.6	<48	<9.6	<48	1,000
TB-W26A	11/25/2024	6'-22"	<0.024	<0.047	<0.047	<0.094	<0.1	<4.7	<9.6	<48	<9.6	<48	250
TB-W27	11/1/2024	6'-22"	<0.024	<0.048	<0.048	<0.096	<0.1	<4.8	<9.9	<49	<9.9	<49	510
TB-W28	11/1/2024	6'-22"	<0.023	<0.047	<0.047	<0.094	<0.1	<4.7	<9.3	<46	<9.3	<46	1,200
TB-W28A	11/25/2024	6'-22"	<0.023	<0.046	<0.046	<0.093	<0.1	<4.6	250	390	250	640	460
TB-W28B	12/9/2024	6'-22"	<0.019	<0.038	<0.038	<0.076	<0.1	<3.8	12	<50	12	12	500
TB-W29	11/1/2024	6'-17"	<0.024	<0.047	<0.047	<0.094	<0.1	<4.7	<9.8	<49	<9.8	<49	990
TB-W29A	11/25/2024	6'-17"	<0.024	<0.047	<0.047	<0.094	<0.1	<4.7	<9.2	<46	<9.2	<46	690
TB-W29 B	12/9/2024	6'-17"	<0.027	<0.053	<0.053	<0.11	<0.1	<5.3	<9.9	<50	<9.9	<50	580
TB-W30	11/1/2024	6'-18"	<0.025	<0.049	<0.049	<0.099	<0.1	<4.9	<10	<50	<10	<50	2,000
TB-W30A	11/25/2024	6'-19"	<0.023	<0.046	<0.046	<0.092	<0.1	<4.6	<9.1	<46	<9.1	<46	440
TB-W31	11/1/2024	6'-22"	<0.024	<0.049	<0.049	<0.097	<0.1	<4.9	<9.7	<48	<9.7	<48	400
TB-W32	11/1/2024	6'-22"	<0.024	<0.047	<0.047	<0.094	<0.1	<4.7	<9.8	<49	<9.8	<49	1,400
TB-W32A	11/25/2024	6'-22"	<0.025	<0.049	<0.049	<0.098	<0.1	<4.9	<9.3	<47	<9.3	<47	360
TB-W33	11/1/2024	6'-28"	<0.025	<0.049	<0.049	<0.098	<0.1	<4.9	<9.4	<47	<9.4	<47	1,500
TB-W33A	11/25/2024	6'-28"	<0.025	<0.049	<0.049	<0.099	<0.1	<4.9	<10	<50	<10	<50	260
TB-W34	11/1/2024	6'-28"	<0.024	<0.048	<0.048	<0.095	<0.1	<4.8	<9.2	<46	<9.2	<46	2,100
TB-W34A	11/25/2024	6'-28"	<0.023	<0.047	<0.047	<0.093	<0.1	<4.7	4,100	7,700	4,100	11,900	500
TB-W34B	12/9/2024	6'-28"	<0.022	<0.045	<0.045	<0.090	<0.1	<4.5	<9.7	<48	<9.7	<48	320
TB-W35	11/1/2024	6'-14"	<0.025	<0.049	<0.049	<0.099	<0.1	<4.9	<9.5	<48	<9.5	<48	2,000
TB-W35A	11/25/2024	6'-14"	<0.024	<0.048	<0.048	<0.095	<0.1	<4.8	<9.6	<48	<9.6	<48	260
TB-W36	11/1/2024	6'-15"	<0.024	<0.049	<0.049	<0.097	<0.1	<4.9	<9.5	<47	<9.5	<47	400
TB-W37	12/19/2024	6'-14"	<0.027	<0.054	<0.054	<0.11	<0.1	<5.4	<9.4	<47	<9.4	<47	110
TB-W38	12/19/2024	6'-8"	<0.024	<0.047	<0.047	<0.094	<0.1	<4.7	<9.5	<47	<9.5	<47	<60
TB-W39	12/19/2024	6'-14"	<0.021	<0.041	<0.041	<0.083	<0.1	<4.1	<9.2	<46	<9.2	<46	<60
TB-W40	12/19/2024	6'-8"	<0.022	<0.044	<0.044	<0.088	<0.1	<4.4	<9.4	<47	<9.4	<47	<60

CONFIRMATION SOIL SAMPLE BTEX (EPA 8260), TPH (EPA 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA													
ROY SWD #3													
EDDY COUNTY, NEW MEXICO													
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
TB-IW1	11/1/2024	14-18'	<0.023	<0.047	<0.047	<0.093	<0.1	<4.7	<9.1	<46	<9.1	<46	300
TB-IW2	11/1/2024	8-18'	<0.023	<0.047	<0.047	<0.094	<0.1	<4.7	<9.9	<49	<9.9	<49	92
TB-IW3	11/1/2024	8-17'	<0.024	<0.047	<0.047	<0.094	<0.1	<4.7	<9.7	<49	<9.7	<49	1,900
TB-IW3A	11/25/2024	8-17'	<0.023	<0.047	<0.047	<0.093	<0.1	<4.7	<9.6	<48	<9.6	<48	310
TB-IW4	11/1/2024	14-17'	<0.024	<0.049	<0.049	<0.097	<0.1	<4.9	<9.6	<48	<9.6	<48	1,300
TB-IW4A	11/25/2024	14-17'	<0.024	<0.047	<0.047	<0.095	<0.1	<4.7	<9.9	<50	<9.9	<50	300
TB-IW5	11/1/2024	8-14'	<0.025	<0.049	<0.049	<0.098	<0.1	<4.9	<9.9	<50	<9.9	<50	220
TB-IW6	11/1/2024	14-19'	<0.025	<0.049	<0.049	<0.099	<0.1	<4.9	<9.3	<46	<9.3	<46	1,900
TB-IW6A	11/25/2024	14-19'	<0.024	<0.048	<0.048	<0.096	<0.1	<4.8	<9.8	<49	<9.8	<49	1,300
TB-IW6B	12/9/2024	14-19'	<0.022	<0.044	<0.044	<0.088	<0.1	<4.4	<9.6	<48	<9.6	<48	1,400
TB-IW6C	12/19/2024	14'-19'	<0.020	<0.041	<0.041	<0.081	<0.1	<4.1	<9.8	<49	<9.8	<49	<60
TB-IW7	11/1/2024	14-19'	<0.025	<0.050	<0.050	<0.10	<0.1	<5.0	<9.2	<46	<9.2	<46	260
TB-IW8	11/1/2024	14-22'	<0.024	<0.048	<0.048	<0.097	<0.1	<4.8	<9.5	<48	<9.5	<48	1,500
TB-IW8A	11/25/2024	14-22'	<0.024	<0.047	<0.047	<0.094	<0.1	<4.7	<9.5	<48	<9.5	<48	1,400
TB-IW8B	12/9/2024	14-22'	<0.022	<0.044	<0.044	<0.088	<0.1	<4.4	<9.7	<48	<9.7	<48	310
TB-IW9	11/1/2024	17-22'	<0.024	<0.048	<0.048	<0.096	<0.1	<4.8	<9.5	<48	<9.5	<48	1,700
TB-IW9A	11/25/2024	17-22'	<0.024	<0.047	<0.047	<0.094	<0.1	<4.7	<9.2	<46	<9.2	<46	500
TB-IW10	11/1/2024	17-22'	<0.024	<0.049	<0.049	<0.097	<0.1	<4.9	<9.8	<49	<9.8	<49	2,000
TB-IW10A	11/25/2024	17-22'	<0.024	<0.049	<0.049	<0.098	<0.1	<4.9	<9.2	<46	<9.2	<46	170
TB-IW11	11/1/2024	17-26'	<0.024	<0.048	<0.048	<0.096	<0.1	<4.8	<9.2	<46	<9.2	<46	420
TB-IW12	11/1/2024	17-26'	<0.023	<0.046	<0.046	<0.092	<0.1	<4.6	<9.3	<46	<9.3	<46	1,400
TB-IW12A	11/25/2024	17-26'	<0.025	<0.049	<0.049	<0.099	<0.1	<4.9	<9.8	<49	<9.8	<49	280
TB-IW13	11/1/2024	19-26'	<0.024	<0.048	<0.048	<0.096	<0.1	<4.8	<9.8	<49	<9.8	<49	380
TB-IW14	11/1/2024	22-28'	<0.024	<0.047	<0.047	<0.094	<0.1	<4.7	<9.7	<48	<9.7	<48	1,500
TB-IW14A	11/25/2024	22-28'	<0.024	<0.049	<0.049	<0.098	<0.1	<4.9	<9.9	<50	<9.9	<50	300
TB-IW15	11/1/2024	14-28'	<0.024	<0.049	<0.049	<0.097	<0.1	<4.9	<9.5	<48	<9.5	<48	2,300
TB-IW15A	11/25/2024	14-28'	<0.024	<0.047	<0.047	<0.094	<0.1	<4.7	<9.7	<48	<9.7	<48	640
TB-IW15B	12/9/2024	14-28'	<0.020	<0.041	<0.041	<0.081	<0.1	<4.1	14	<46	14	14	460
TB-IW16	11/1/2024	14-27'	<0.023	<0.047	<0.047	<0.094	<0.1	<4.7	<9.3	<46	<9.3	<46	370
TB-IW17	11/1/2024	14-27'	<0.023	<0.047	<0.047	<0.094	<0.1	<4.7	<9.2	<46	<9.2	<46	1,400
TB-IW17A	11/25/2024	14-27'	<0.024	<0.048	<0.048	<0.096	<0.1	<4.8	<9.8	<49	<9.8	<49	2,000
TB-IW17B	12/9/2024	14-27'	<0.022	<0.043	<0.043	<0.086	<0.1	<4.3	<9.2	<46	<9.2	<46	550
TB-IW18	11/1/2024	14-27'	<0.024	<0.049	<0.049	<0.097	<0.1	<4.9	<9.8	<49	<9.8	<49	2,000
TB-IW18	11/25/2024	14-27'	<0.023	<0.046	<0.046	<0.092	<0.1	<4.6	<9.4	<47	<9.4	<47	240
TB-IW19	11/1/2024	17-26'	<0.024	<0.047	<0.047	<0.095	<0.1	<4.7	<9.8	<49	<9.8	<49	210
TB-IW20	11/1/2024	17-26'	<0.025	<0.050	<0.050	<0.10	<0.1	<5.0	<9.4	<47	<9.4	<47	440
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 Digital C-141 and the release rule (19.15.29 NMAC)</i> dated December 1, 2023.													

ATTACHMENT 1 – PHOTOGRAPHIC DOCUMENTATION



PHOTOGRAPH NO. 1 – A general view of the Tank Battery Area during the initial excavation activities in July, 2024. The view is towards the northwest.



PHOTOGRAPH NO. 2 – A view of the Tank Battery Area during the soil removal operations. The view is towards the northeast.



PHOTOGRAPH NO. 3 – A view of the Tank Battery Area upon completion. The view is towards the northeast.



PHOTOGRAPH NO. 4 – An additional view of the Tank Battery Area upon completion in 2024. The view is towards the southeast.

ATTACHMENT 2 – LABORATORY ANALYTICAL RESULTS



Environment Testing

1

2

3

4

5

6

7

8

9

10

11

ANALYTICAL REPORT

PREPARED FOR

Attn: Will Kierdorf
Ranger Environmental Services, Inc
7215 McNeil Drive
PO BOX 201179
Austin, Texas 78729

Generated 8/23/2024 4:03:59 PM

JOB DESCRIPTION

Roy SWD #3

JOB NUMBER

885-9936-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Generated
8/23/2024 4:03:59 PM

Authorized for release by
Andy Freeman, Business Unit Manager
andy.freeman@et.eurofinsus.com
(505)345-3975

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Laboratory Job ID: 885-9936-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	35
QC Association Summary	43
Lab Chronicle	50
Certification Summary	59
Chain of Custody	60
Receipt Checklists	63



Definitions/Glossary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

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: Roy SWD #3

Job ID: 885-9936-1

Job ID: 885-9936-1

Eurofins Albuquerque

Job Narrative 885-9936-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 8/15/2024 7:50 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 0.7°C.

Gasoline Range Organics

Method 8015D_GRO: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 885-10378 and analytical batch 885-10519 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

GC VOA

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

Diesel Range Organics

Method 8015D_DRO: The continuing calibration verification (CCV) associated with batch 885-10594 recovered outside acceptance criteria, low biased, for Di-n-octyl phthalate (Surr). Samples with low surrogate will be re-ran. The following samples are associated TB-W12 (885-9936-18), TB-W13 (885-9936-19), TB-W14 (885-9936-20), TB-W15 (885-9936-21), TB-W16 (885-9936-22), TB-W17 (885-9936-23), TB-B23 (885-9936-24), TB-B24 (885-9936-25), TB-B25 (885-9936-26), TB-B20 (885-9936-28), TB-B10 (885-9936-29), (CCV 885-10594/14), (CCV 885-10594/26), (CCV 885-10594/38), (885-9936-A-29-C MS) and (885-9936-A-29-D MSD).

Method 8015D_DRO: The continuing calibration verification (CCV) associated with batch 885-10666 recovered outside acceptance criteria, low biased, for Di-n-octyl phthalate (Surr). Samples with low surrogate will be re-extracted. The following samples are associated TB-B24 (885-9936-25), TB-B25 (885-9936-26) and (CCV 885-10666/18).

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

HPLC/IC

Method 300_OF_28D_PREC: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 885-10554 and analytical batch 885-10575 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-B41

Lab Sample ID: 885-9936-1

Date Collected: 08/13/24 12:32

Matrix: Solid

Date Received: 08/15/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		08/15/24 14:46	08/19/24 12:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		35 - 166			08/15/24 14:46	08/19/24 12:36	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/15/24 14:46	08/19/24 12:36	1
Ethylbenzene	ND		0.050	mg/Kg		08/15/24 14:46	08/19/24 12:36	1
Toluene	ND		0.050	mg/Kg		08/15/24 14:46	08/19/24 12:36	1
Xylenes, Total	ND		0.099	mg/Kg		08/15/24 14:46	08/19/24 12:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		48 - 145			08/15/24 14:46	08/19/24 12:36	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		08/19/24 13:12	08/20/24 07:17	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		08/19/24 13:12	08/20/24 07:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	90		62 - 134			08/19/24 13:12	08/20/24 07:17	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	280		60	mg/Kg		08/19/24 15:11	08/19/24 21:07	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-B42

Lab Sample ID: 885-9936-2

Date Collected: 08/13/24 12:34

Matrix: Solid

Date Received: 08/15/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		08/15/24 14:46	08/19/24 13:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)						08/15/24 14:46	08/19/24 13:54	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/15/24 14:46	08/19/24 13:54	1
Ethylbenzene	ND		0.048	mg/Kg		08/15/24 14:46	08/19/24 13:54	1
Toluene	ND		0.048	mg/Kg		08/15/24 14:46	08/19/24 13:54	1
Xylenes, Total	ND		0.097	mg/Kg		08/15/24 14:46	08/19/24 13:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)						08/15/24 14:46	08/19/24 13:54	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		08/19/24 13:12	08/20/24 07:41	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		08/19/24 13:12	08/20/24 07:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	78		62 - 134			08/19/24 13:12	08/20/24 07:41	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	390		60	mg/Kg		08/19/24 15:11	08/19/24 21:19	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-B43

Lab Sample ID: 885-9936-3

Date Collected: 08/13/24 12:36

Matrix: Solid

Date Received: 08/15/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		08/15/24 14:46	08/19/24 15:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		35 - 166			08/15/24 14:46	08/19/24 15:00	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		08/15/24 14:46	08/19/24 15:00	1
Ethylbenzene	ND		0.047	mg/Kg		08/15/24 14:46	08/19/24 15:00	1
Toluene	ND		0.047	mg/Kg		08/15/24 14:46	08/19/24 15:00	1
Xylenes, Total	ND		0.093	mg/Kg		08/15/24 14:46	08/19/24 15:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		48 - 145			08/15/24 14:46	08/19/24 15:00	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	24		9.9	mg/Kg		08/19/24 13:12	08/20/24 08:29	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		08/19/24 13:12	08/20/24 08:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	97		62 - 134			08/19/24 13:12	08/20/24 08:29	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	190		60	mg/Kg		08/19/24 15:11	08/19/24 21:31	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-B44

Lab Sample ID: 885-9936-4

Date Collected: 08/13/24 12:40

Matrix: Solid

Date Received: 08/15/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		08/15/24 14:46	08/19/24 15:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		35 - 166			08/15/24 14:46	08/19/24 15:21	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/15/24 14:46	08/19/24 15:21	1
Ethylbenzene	ND		0.048	mg/Kg		08/15/24 14:46	08/19/24 15:21	1
Toluene	ND		0.048	mg/Kg		08/15/24 14:46	08/19/24 15:21	1
Xylenes, Total	ND		0.097	mg/Kg		08/15/24 14:46	08/19/24 15:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		48 - 145			08/15/24 14:46	08/19/24 15:21	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		08/19/24 13:12	08/20/24 08:53	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		08/19/24 13:12	08/20/24 08:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	92		62 - 134			08/19/24 13:12	08/20/24 08:53	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	250		60	mg/Kg		08/19/24 16:17	08/19/24 22:08	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-B46

Lab Sample ID: 885-9936-5

Date Collected: 08/13/24 12:14

Matrix: Solid

Date Received: 08/15/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		08/15/24 14:46	08/19/24 15:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		35 - 166			08/15/24 14:46	08/19/24 15:43	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/15/24 14:46	08/19/24 15:43	1
Ethylbenzene	ND		0.049	mg/Kg		08/15/24 14:46	08/19/24 15:43	1
Toluene	ND		0.049	mg/Kg		08/15/24 14:46	08/19/24 15:43	1
Xylenes, Total	ND		0.097	mg/Kg		08/15/24 14:46	08/19/24 15:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		48 - 145			08/15/24 14:46	08/19/24 15:43	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7	mg/Kg		08/19/24 13:12	08/20/24 09:17	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		08/19/24 13:12	08/20/24 09:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	92		62 - 134			08/19/24 13:12	08/20/24 09:17	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	390		60	mg/Kg		08/19/24 16:17	08/19/24 22:45	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-B5

Lab Sample ID: 885-9936-6

Date Collected: 08/13/24 12:12

Matrix: Solid

Date Received: 08/15/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		08/15/24 14:46	08/19/24 16:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		35 - 166			08/15/24 14:46	08/19/24 16:05	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/15/24 14:46	08/19/24 16:05	1
Ethylbenzene	ND		0.050	mg/Kg		08/15/24 14:46	08/19/24 16:05	1
Toluene	ND		0.050	mg/Kg		08/15/24 14:46	08/19/24 16:05	1
Xylenes, Total	ND		0.099	mg/Kg		08/15/24 14:46	08/19/24 16:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		48 - 145			08/15/24 14:46	08/19/24 16:05	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		08/19/24 13:12	08/20/24 09:41	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		08/19/24 13:12	08/20/24 09:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			08/19/24 13:12	08/20/24 09:41	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	330		60	mg/Kg		08/19/24 16:17	08/19/24 22:58	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-W1

Lab Sample ID: 885-9936-7

Date Collected: 08/13/24 11:30

Matrix: Solid

Date Received: 08/15/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		08/15/24 14:46	08/19/24 16:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		35 - 166			08/15/24 14:46	08/19/24 16:27	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/15/24 14:46	08/19/24 16:27	1
Ethylbenzene	ND		0.049	mg/Kg		08/15/24 14:46	08/19/24 16:27	1
Toluene	ND		0.049	mg/Kg		08/15/24 14:46	08/19/24 16:27	1
Xylenes, Total	ND		0.097	mg/Kg		08/15/24 14:46	08/19/24 16:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		48 - 145			08/15/24 14:46	08/19/24 16:27	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		08/19/24 13:12	08/20/24 10:05	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		08/19/24 13:12	08/20/24 10:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			08/19/24 13:12	08/20/24 10:05	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	300		60	mg/Kg		08/19/24 16:17	08/19/24 23:10	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-W2

Lab Sample ID: 885-9936-8

Date Collected: 08/13/24 11:32

Matrix: Solid

Date Received: 08/15/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		08/15/24 14:46	08/19/24 16:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		35 - 166			08/15/24 14:46	08/19/24 16:49	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/15/24 14:46	08/19/24 16:49	1
Ethylbenzene	ND		0.048	mg/Kg		08/15/24 14:46	08/19/24 16:49	1
Toluene	ND		0.048	mg/Kg		08/15/24 14:46	08/19/24 16:49	1
Xylenes, Total	ND		0.097	mg/Kg		08/15/24 14:46	08/19/24 16:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		48 - 145			08/15/24 14:46	08/19/24 16:49	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3	mg/Kg		08/19/24 13:12	08/20/24 10:29	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		08/19/24 13:12	08/20/24 10:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	93		62 - 134			08/19/24 13:12	08/20/24 10:29	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	160		60	mg/Kg		08/19/24 16:17	08/19/24 23:23	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-W3

Lab Sample ID: 885-9936-9

Date Collected: 08/13/24 11:34

Matrix: Solid

Date Received: 08/15/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		08/15/24 14:46	08/19/24 17:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		35 - 166			08/15/24 14:46	08/19/24 17:11	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/15/24 14:46	08/19/24 17:11	1
Ethylbenzene	ND		0.049	mg/Kg		08/15/24 14:46	08/19/24 17:11	1
Toluene	ND		0.049	mg/Kg		08/15/24 14:46	08/19/24 17:11	1
Xylenes, Total	ND		0.098	mg/Kg		08/15/24 14:46	08/19/24 17:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		48 - 145			08/15/24 14:46	08/19/24 17:11	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		08/19/24 13:12	08/20/24 10:53	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		08/19/24 13:12	08/20/24 10:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	88		62 - 134			08/19/24 13:12	08/20/24 10:53	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	240		60	mg/Kg		08/19/24 16:17	08/19/24 23:35	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-W4

Lab Sample ID: 885-9936-10

Date Collected: 08/13/24 11:36

Matrix: Solid

Date Received: 08/15/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		08/15/24 14:46	08/19/24 17:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		35 - 166			08/15/24 14:46	08/19/24 17:33	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/15/24 14:46	08/19/24 17:33	1
Ethylbenzene	ND		0.049	mg/Kg		08/15/24 14:46	08/19/24 17:33	1
Toluene	ND		0.049	mg/Kg		08/15/24 14:46	08/19/24 17:33	1
Xylenes, Total	ND		0.098	mg/Kg		08/15/24 14:46	08/19/24 17:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		48 - 145			08/15/24 14:46	08/19/24 17:33	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	44		9.6	mg/Kg		08/19/24 15:30	08/20/24 14:32	1
Motor Oil Range Organics [C28-C40]	60		48	mg/Kg		08/19/24 15:30	08/20/24 14:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	105		62 - 134			08/19/24 15:30	08/20/24 14:32	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	190		60	mg/Kg		08/20/24 10:36	08/20/24 18:53	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-W5

Lab Sample ID: 885-9936-11

Date Collected: 08/13/24 11:38

Matrix: Solid

Date Received: 08/15/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		08/15/24 14:46	08/19/24 18:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		35 - 166			08/15/24 14:46	08/19/24 18:17	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/15/24 14:46	08/19/24 18:17	1
Ethylbenzene	ND		0.049	mg/Kg		08/15/24 14:46	08/19/24 18:17	1
Toluene	ND		0.049	mg/Kg		08/15/24 14:46	08/19/24 18:17	1
Xylenes, Total	ND		0.098	mg/Kg		08/15/24 14:46	08/19/24 18:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		48 - 145			08/15/24 14:46	08/19/24 18:17	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		08/19/24 15:30	08/20/24 14:45	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		08/19/24 15:30	08/20/24 14:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	72		62 - 134			08/19/24 15:30	08/20/24 14:45	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	600		60	mg/Kg		08/20/24 10:36	08/20/24 19:08	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-W6

Lab Sample ID: 885-9936-12

Date Collected: 08/13/24 11:40

Matrix: Solid

Date Received: 08/15/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		08/15/24 14:46	08/19/24 18:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		35 - 166			08/15/24 14:46	08/19/24 18:39	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/15/24 14:46	08/19/24 18:39	1
Ethylbenzene	ND		0.048	mg/Kg		08/15/24 14:46	08/19/24 18:39	1
Toluene	ND		0.048	mg/Kg		08/15/24 14:46	08/19/24 18:39	1
Xylenes, Total	ND		0.097	mg/Kg		08/15/24 14:46	08/19/24 18:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		48 - 145			08/15/24 14:46	08/19/24 18:39	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	45		9.1	mg/Kg		08/19/24 15:30	08/20/24 14:59	1
Motor Oil Range Organics [C28-C40]	56		45	mg/Kg		08/19/24 15:30	08/20/24 14:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	124		62 - 134			08/19/24 15:30	08/20/24 14:59	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	180		60	mg/Kg		08/20/24 10:36	08/20/24 20:54	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-W7

Lab Sample ID: 885-9936-13

Date Collected: 08/13/24 11:42

Matrix: Solid

Date Received: 08/15/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		08/15/24 14:46	08/19/24 19:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		35 - 166			08/15/24 14:46	08/19/24 19:01	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/15/24 14:46	08/19/24 19:01	1
Ethylbenzene	ND		0.048	mg/Kg		08/15/24 14:46	08/19/24 19:01	1
Toluene	ND		0.048	mg/Kg		08/15/24 14:46	08/19/24 19:01	1
Xylenes, Total	ND		0.097	mg/Kg		08/15/24 14:46	08/19/24 19:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		48 - 145			08/15/24 14:46	08/19/24 19:01	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7	mg/Kg		08/19/24 15:30	08/20/24 15:12	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		08/19/24 15:30	08/20/24 15:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	88		62 - 134			08/19/24 15:30	08/20/24 15:12	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	160		60	mg/Kg		08/20/24 10:36	08/20/24 21:09	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-W8

Lab Sample ID: 885-9936-14

Date Collected: 08/13/24 11:46

Matrix: Solid

Date Received: 08/15/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6	mg/Kg		08/15/24 14:46	08/19/24 19:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		35 - 166			08/15/24 14:46	08/19/24 19:23	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		08/15/24 14:46	08/19/24 19:23	1
Ethylbenzene	ND		0.046	mg/Kg		08/15/24 14:46	08/19/24 19:23	1
Toluene	ND		0.046	mg/Kg		08/15/24 14:46	08/19/24 19:23	1
Xylenes, Total	ND		0.093	mg/Kg		08/15/24 14:46	08/19/24 19:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		48 - 145			08/15/24 14:46	08/19/24 19:23	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	98		8.7	mg/Kg		08/19/24 15:30	08/20/24 18:52	1
Motor Oil Range Organics [C28-C40]	120		43	mg/Kg		08/19/24 15:30	08/20/24 18:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	109		62 - 134			08/19/24 15:30	08/20/24 18:52	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	440		60	mg/Kg		08/20/24 10:36	08/20/24 21:24	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-W9

Lab Sample ID: 885-9936-15

Date Collected: 08/13/24 11:48

Matrix: Solid

Date Received: 08/15/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6	mg/Kg		08/15/24 14:46	08/19/24 19:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		35 - 166			08/15/24 14:46	08/19/24 19:45	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		08/15/24 14:46	08/19/24 19:45	1
Ethylbenzene	ND		0.046	mg/Kg		08/15/24 14:46	08/19/24 19:45	1
Toluene	ND		0.046	mg/Kg		08/15/24 14:46	08/19/24 19:45	1
Xylenes, Total	ND		0.092	mg/Kg		08/15/24 14:46	08/19/24 19:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		48 - 145			08/15/24 14:46	08/19/24 19:45	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		08/19/24 15:30	08/20/24 15:26	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		08/19/24 15:30	08/20/24 15:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	75		62 - 134			08/19/24 15:30	08/20/24 15:26	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	550		60	mg/Kg		08/20/24 10:36	08/20/24 21:39	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-W10

Lab Sample ID: 885-9936-16

Date Collected: 08/13/24 11:54

Matrix: Solid

Date Received: 08/15/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		4.6	mg/Kg		08/15/24 14:46	08/19/24 20:07	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	107		35 - 166			08/15/24 14:46	08/19/24 20:07	1	
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.023	mg/Kg		08/15/24 14:46	08/19/24 20:07	1	
Ethylbenzene	ND		0.046	mg/Kg		08/15/24 14:46	08/19/24 20:07	1	
Toluene	ND		0.046	mg/Kg		08/15/24 14:46	08/19/24 20:07	1	
Xylenes, Total	ND		0.092	mg/Kg		08/15/24 14:46	08/19/24 20:07	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	107		48 - 145			08/15/24 14:46	08/19/24 20:07	1	
Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		9.4	mg/Kg		08/19/24 15:30	08/20/24 15:40	1	
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		08/19/24 15:30	08/20/24 15:40	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	74		62 - 134			08/19/24 15:30	08/20/24 15:40	1	
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	550		60	mg/Kg		08/20/24 10:36	08/20/24 21:55	20	

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-W11

Lab Sample ID: 885-9936-17

Date Collected: 08/13/24 11:56

Matrix: Solid

Date Received: 08/15/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		08/15/24 14:46	08/19/24 20:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		35 - 166			08/15/24 14:46	08/19/24 20:28	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/15/24 14:46	08/19/24 20:28	1
Ethylbenzene	ND		0.049	mg/Kg		08/15/24 14:46	08/19/24 20:28	1
Toluene	ND		0.049	mg/Kg		08/15/24 14:46	08/19/24 20:28	1
Xylenes, Total	ND		0.098	mg/Kg		08/15/24 14:46	08/19/24 20:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		48 - 145			08/15/24 14:46	08/19/24 20:28	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		08/21/24 12:41	08/21/24 18:44	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		08/21/24 12:41	08/21/24 18:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134			08/21/24 12:41	08/21/24 18:44	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97		60	mg/Kg		08/20/24 10:36	08/20/24 22:10	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-W12

Lab Sample ID: 885-9936-18

Date Collected: 08/13/24 12:00

Matrix: Solid

Date Received: 08/15/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		08/15/24 14:46	08/19/24 20:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		35 - 166			08/15/24 14:46	08/19/24 20:50	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/15/24 14:46	08/19/24 20:50	1
Ethylbenzene	ND		0.049	mg/Kg		08/15/24 14:46	08/19/24 20:50	1
Toluene	ND		0.049	mg/Kg		08/15/24 14:46	08/19/24 20:50	1
Xylenes, Total	ND		0.098	mg/Kg		08/15/24 14:46	08/19/24 20:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		48 - 145			08/15/24 14:46	08/19/24 20:50	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		08/19/24 15:30	08/21/24 15:14	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		08/19/24 15:30	08/21/24 15:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	77		62 - 134			08/19/24 15:30	08/21/24 15:14	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	93		60	mg/Kg		08/20/24 10:36	08/20/24 22:55	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-W13

Lab Sample ID: 885-9936-19

Date Collected: 08/13/24 12:02

Matrix: Solid

Date Received: 08/15/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6	mg/Kg		08/15/24 14:46	08/19/24 21:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		35 - 166			08/15/24 14:46	08/19/24 21:12	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		08/15/24 14:46	08/19/24 21:12	1
Ethylbenzene	ND		0.046	mg/Kg		08/15/24 14:46	08/19/24 21:12	1
Toluene	ND		0.046	mg/Kg		08/15/24 14:46	08/19/24 21:12	1
Xylenes, Total	ND		0.093	mg/Kg		08/15/24 14:46	08/19/24 21:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		48 - 145			08/15/24 14:46	08/19/24 21:12	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7	mg/Kg		08/19/24 15:30	08/20/24 16:34	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		08/19/24 15:30	08/20/24 16:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	77		62 - 134			08/19/24 15:30	08/20/24 16:34	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1600		60	mg/Kg		08/20/24 10:36	08/20/24 23:10	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-W14

Lab Sample ID: 885-9936-20

Date Collected: 08/13/24 12:04

Matrix: Solid

Date Received: 08/15/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		08/15/24 14:46	08/19/24 21:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		35 - 166			08/15/24 14:46	08/19/24 21:34	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/15/24 14:46	08/19/24 21:34	1
Ethylbenzene	ND		0.048	mg/Kg		08/15/24 14:46	08/19/24 21:34	1
Toluene	ND		0.048	mg/Kg		08/15/24 14:46	08/19/24 21:34	1
Xylenes, Total	ND		0.095	mg/Kg		08/15/24 14:46	08/19/24 21:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		48 - 145			08/15/24 14:46	08/19/24 21:34	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		08/19/24 15:30	08/20/24 16:47	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		08/19/24 15:30	08/20/24 16:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	67		62 - 134			08/19/24 15:30	08/20/24 16:47	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1700		60	mg/Kg		08/20/24 10:36	08/20/24 23:26	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-W15

Lab Sample ID: 885-9936-21

Date Collected: 08/13/24 12:06

Matrix: Solid

Date Received: 08/15/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND	F1	4.8	mg/Kg		08/15/24 17:13	08/16/24 19:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		35 - 166			08/15/24 17:13	08/16/24 19:32	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/15/24 17:13	08/16/24 19:32	1
Ethylbenzene	ND		0.048	mg/Kg		08/15/24 17:13	08/16/24 19:32	1
Toluene	ND		0.048	mg/Kg		08/15/24 17:13	08/16/24 19:32	1
Xylenes, Total	ND		0.095	mg/Kg		08/15/24 17:13	08/16/24 19:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		48 - 145			08/15/24 17:13	08/16/24 19:32	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		08/22/24 10:14	08/22/24 13:24	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		08/22/24 10:14	08/22/24 13:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	89		62 - 134			08/22/24 10:14	08/22/24 13:24	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	81		60	mg/Kg		08/20/24 10:36	08/20/24 23:41	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-W16

Lab Sample ID: 885-9936-22

Date Collected: 08/13/24 12:08

Matrix: Solid

Date Received: 08/15/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		08/15/24 17:13	08/16/24 20:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		35 - 166			08/15/24 17:13	08/16/24 20:38	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/15/24 17:13	08/16/24 20:38	1
Ethylbenzene	ND		0.049	mg/Kg		08/15/24 17:13	08/16/24 20:38	1
Toluene	ND		0.049	mg/Kg		08/15/24 17:13	08/16/24 20:38	1
Xylenes, Total	ND		0.099	mg/Kg		08/15/24 17:13	08/16/24 20:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		48 - 145			08/15/24 17:13	08/16/24 20:38	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		08/19/24 15:30	08/20/24 17:13	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		08/19/24 15:30	08/20/24 17:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	64		62 - 134			08/19/24 15:30	08/20/24 17:13	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	540		60	mg/Kg		08/20/24 10:36	08/20/24 23:56	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-W17

Lab Sample ID: 885-9936-23

Date Collected: 08/13/24 12:10

Matrix: Solid

Date Received: 08/15/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		08/15/24 17:13	08/16/24 21:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		35 - 166			08/15/24 17:13	08/16/24 21:43	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/15/24 17:13	08/16/24 21:43	1
Ethylbenzene	ND		0.048	mg/Kg		08/15/24 17:13	08/16/24 21:43	1
Toluene	ND		0.048	mg/Kg		08/15/24 17:13	08/16/24 21:43	1
Xylenes, Total	ND		0.096	mg/Kg		08/15/24 17:13	08/16/24 21:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		48 - 145			08/15/24 17:13	08/16/24 21:43	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		08/19/24 15:30	08/21/24 16:02	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		08/19/24 15:30	08/21/24 16:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	69		62 - 134			08/19/24 15:30	08/21/24 16:02	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1000		60	mg/Kg		08/20/24 10:36	08/21/24 00:11	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-B23

Lab Sample ID: 885-9936-24

Date Collected: 08/13/24 12:24

Matrix: Solid

Date Received: 08/15/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6	mg/Kg		08/15/24 17:13	08/16/24 22:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		35 - 166			08/15/24 17:13	08/16/24 22:05	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		08/15/24 17:13	08/16/24 22:05	1
Ethylbenzene	ND		0.046	mg/Kg		08/15/24 17:13	08/16/24 22:05	1
Toluene	ND		0.046	mg/Kg		08/15/24 17:13	08/16/24 22:05	1
Xylenes, Total	ND		0.092	mg/Kg		08/15/24 17:13	08/16/24 22:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		48 - 145			08/15/24 17:13	08/16/24 22:05	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7	mg/Kg		08/19/24 15:30	08/21/24 16:26	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		08/19/24 15:30	08/21/24 16:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	93		62 - 134			08/19/24 15:30	08/21/24 16:26	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	780		60	mg/Kg		08/20/24 10:36	08/21/24 00:26	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-B24

Lab Sample ID: 885-9936-25

Date Collected: 08/13/24 12:26

Matrix: Solid

Date Received: 08/15/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		08/15/24 17:13	08/16/24 22:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		35 - 166			08/15/24 17:13	08/16/24 22:27	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/15/24 17:13	08/16/24 22:27	1
Ethylbenzene	ND		0.048	mg/Kg		08/15/24 17:13	08/16/24 22:27	1
Toluene	ND		0.048	mg/Kg		08/15/24 17:13	08/16/24 22:27	1
Xylenes, Total	ND		0.096	mg/Kg		08/15/24 17:13	08/16/24 22:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		48 - 145			08/15/24 17:13	08/16/24 22:27	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7	mg/Kg		08/19/24 15:30	08/21/24 17:14	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		08/19/24 15:30	08/21/24 17:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	65		62 - 134			08/19/24 15:30	08/21/24 17:14	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	440		60	mg/Kg		08/20/24 10:36	08/21/24 00:41	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-B25

Lab Sample ID: 885-9936-26

Date Collected: 08/13/24 12:30

Matrix: Solid

Date Received: 08/15/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		08/15/24 17:13	08/16/24 22:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		35 - 166			08/15/24 17:13	08/16/24 22:49	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/15/24 17:13	08/16/24 22:49	1
Ethylbenzene	ND		0.048	mg/Kg		08/15/24 17:13	08/16/24 22:49	1
Toluene	ND		0.048	mg/Kg		08/15/24 17:13	08/16/24 22:49	1
Xylenes, Total	ND		0.095	mg/Kg		08/15/24 17:13	08/16/24 22:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		48 - 145			08/15/24 17:13	08/16/24 22:49	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7	mg/Kg		08/19/24 15:30	08/21/24 17:38	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		08/19/24 15:30	08/21/24 17:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	93		62 - 134			08/19/24 15:30	08/21/24 17:38	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	220		60	mg/Kg		08/20/24 10:36	08/21/24 00:57	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-B19

Lab Sample ID: 885-9936-27

Date Collected: 08/13/24 12:18

Matrix: Solid

Date Received: 08/15/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		08/15/24 17:13	08/16/24 23:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		35 - 166			08/15/24 17:13	08/16/24 23:11	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/15/24 17:13	08/16/24 23:11	1
Ethylbenzene	ND		0.048	mg/Kg		08/15/24 17:13	08/16/24 23:11	1
Toluene	ND		0.048	mg/Kg		08/15/24 17:13	08/16/24 23:11	1
Xylenes, Total	ND		0.097	mg/Kg		08/15/24 17:13	08/16/24 23:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		48 - 145			08/15/24 17:13	08/16/24 23:11	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	160		9.5	mg/Kg		08/19/24 15:30	08/20/24 17:13	1
Motor Oil Range Organics [C28-C40]	190		48	mg/Kg		08/19/24 15:30	08/20/24 17:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	112		62 - 134			08/19/24 15:30	08/20/24 17:13	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	520		60	mg/Kg		08/20/24 10:36	08/21/24 01:12	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-B20

Lab Sample ID: 885-9936-28

Date Collected: 08/13/24 12:20

Matrix: Solid

Date Received: 08/15/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		08/15/24 17:13	08/16/24 23:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		35 - 166			08/15/24 17:13	08/16/24 23:33	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/15/24 17:13	08/16/24 23:33	1
Ethylbenzene	ND		0.049	mg/Kg		08/15/24 17:13	08/16/24 23:33	1
Toluene	ND		0.049	mg/Kg		08/15/24 17:13	08/16/24 23:33	1
Xylenes, Total	ND		0.098	mg/Kg		08/15/24 17:13	08/16/24 23:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		48 - 145			08/15/24 17:13	08/16/24 23:33	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		08/19/24 15:30	08/20/24 18:22	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		08/19/24 15:30	08/20/24 18:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	66		62 - 134			08/19/24 15:30	08/20/24 18:22	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200		60	mg/Kg		08/20/24 10:36	08/21/24 01:57	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-B10

Lab Sample ID: 885-9936-29

Date Collected: 08/13/24 12:16

Matrix: Solid

Date Received: 08/15/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		08/15/24 17:13	08/16/24 23:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		35 - 166			08/15/24 17:13	08/16/24 23:54	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/15/24 17:13	08/16/24 23:54	1
Ethylbenzene	ND		0.049	mg/Kg		08/15/24 17:13	08/16/24 23:54	1
Toluene	ND		0.049	mg/Kg		08/15/24 17:13	08/16/24 23:54	1
Xylenes, Total	ND		0.099	mg/Kg		08/15/24 17:13	08/16/24 23:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		48 - 145			08/15/24 17:13	08/16/24 23:54	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		08/19/24 15:30	08/20/24 18:50	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		08/19/24 15:30	08/20/24 18:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	71		62 - 134			08/19/24 15:30	08/20/24 18:50	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300		60	mg/Kg		08/20/24 10:36	08/21/24 02:12	20

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-10365/1-A

Matrix: Solid

Analysis Batch: 10585

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10365

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		08/15/24 14:46	08/19/24 12:14	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		35 - 166			08/15/24 14:46	08/19/24 12:14	1

Lab Sample ID: LCS 885-10365/2-A

Matrix: Solid

Analysis Batch: 10585

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 10365

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	25.0	29.7		mg/Kg		119	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	229		35 - 166				

Lab Sample ID: 885-9936-1 MS

Matrix: Solid

Analysis Batch: 10585

Client Sample ID: TB-B41

Prep Type: Total/NA

Prep Batch: 10365

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	ND		25.0	29.8		mg/Kg		119	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	229		35 - 166						

Lab Sample ID: 885-9936-1 MSD

Matrix: Solid

Analysis Batch: 10585

Client Sample ID: TB-B41

Prep Type: Total/NA

Prep Batch: 10365

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	ND		24.8	26.2		mg/Kg		106	70 - 130	13	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	230		35 - 166								

Lab Sample ID: MB 885-10378/1-A

Matrix: Solid

Analysis Batch: 10519

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10378

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		08/15/24 17:13	08/16/24 19:10	1

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: MB 885-10378/1-A

Matrix: Solid

Analysis Batch: 10519

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10378

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	102		35 - 166	08/15/24 17:13	08/16/24 19:10	1

Lab Sample ID: LCS 885-10378/2-A

Matrix: Solid

Analysis Batch: 10519

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 10378

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10			25.0	28.4		mg/Kg		114	70 - 130		
Surrogate	LCS		Limits								
	%Recovery	Qualifier									
4-Bromofluorobenzene (Surr)	224		35 - 166								

Lab Sample ID: 885-9936-21 MS

Matrix: Solid

Analysis Batch: 10519

Client Sample ID: TB-W15

Prep Type: Total/NA

Prep Batch: 10378

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10	ND	F1	23.7	31.7	F1	mg/Kg		134	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	253		35 - 166								

Lab Sample ID: 885-9936-21 MSD

Matrix: Solid

Analysis Batch: 10519

Client Sample ID: TB-W15

Prep Type: Total/NA

Prep Batch: 10378

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Gasoline Range Organics (GRO)-C6-C10	ND	F1	23.7	29.5		mg/Kg		125	70 - 130	7	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	234		35 - 166								

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-10365/1-A

Matrix: Solid

Analysis Batch: 10587

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10365

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	ND		0.025	mg/Kg		08/15/24 14:46	08/19/24 12:14	1
Ethylbenzene	ND		0.050	mg/Kg		08/15/24 14:46	08/19/24 12:14	1
Toluene	ND		0.050	mg/Kg		08/15/24 14:46	08/19/24 12:14	1
Xylenes, Total	ND		0.10	mg/Kg		08/15/24 14:46	08/19/24 12:14	1

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

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

Lab Sample ID: MB 885-10365/1-A

Matrix: Solid

Analysis Batch: 10587

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10365

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
4-Bromofluorobenzene (Surr)	105		48 - 145	08/15/24 14:46	08/19/24 12:14	1			

Lab Sample ID: LCS 885-10365/3-A

Matrix: Solid

Analysis Batch: 10587

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 10365

Analyte	Spike	LCS	LCS					%Rec	
	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	1.00	1.03		mg/Kg		103	70 - 130		
Ethylbenzene	1.00	1.03		mg/Kg		103	70 - 130		
Toluene	1.00	1.03		mg/Kg		103	70 - 130		
m&p-Xylene	2.00	2.04		mg/Kg		102	70 - 130		
o-Xylene	1.00	1.01		mg/Kg		101	70 - 130		

	LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
4-Bromofluorobenzene (Surr)	106		48 - 145						

Lab Sample ID: MB 885-10378/1-A

Matrix: Solid

Analysis Batch: 10522

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10378

Analyte	MB	MB							
	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	ND		0.025	mg/Kg		08/15/24 17:13	08/16/24 19:10	1	
Ethylbenzene	ND		0.050	mg/Kg		08/15/24 17:13	08/16/24 19:10	1	
Toluene	ND		0.050	mg/Kg		08/15/24 17:13	08/16/24 19:10	1	
Xylenes, Total	ND		0.10	mg/Kg		08/15/24 17:13	08/16/24 19:10	1	

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
4-Bromofluorobenzene (Surr)	103		48 - 145	08/15/24 17:13	08/16/24 19:10	1			

Lab Sample ID: LCS 885-10378/3-A

Matrix: Solid

Analysis Batch: 10522

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 10378

Analyte	Spike	LCS	LCS					%Rec	
	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	1.00	1.04		mg/Kg		104	70 - 130		
Ethylbenzene	1.00	1.04		mg/Kg		104	70 - 130		
Toluene	1.00	1.05		mg/Kg		105	70 - 130		
m&p-Xylene	2.00	2.08		mg/Kg		104	70 - 130		
o-Xylene	1.00	1.05		mg/Kg		105	70 - 130		

	LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
4-Bromofluorobenzene (Surr)	106		48 - 145						

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

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

Lab Sample ID: 885-9936-22 MS

Matrix: Solid

Analysis Batch: 10522

Client Sample ID: TB-W16

Prep Type: Total/NA

Prep Batch: 10378

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.995	1.06		mg/Kg		106	70 - 130
Ethylbenzene	ND		0.995	1.09		mg/Kg		110	70 - 130
Toluene	ND		0.995	1.07		mg/Kg		107	70 - 130
m&p-Xylene	ND		1.99	2.15		mg/Kg		108	70 - 130
o-Xylene	ND		0.995	1.08		mg/Kg		108	70 - 130
	MS	MS							
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	103		48 - 145						

Lab Sample ID: 885-9936-22 MSD

Matrix: Solid

Analysis Batch: 10522

Client Sample ID: TB-W16

Prep Type: Total/NA

Prep Batch: 10378

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.997	1.01		mg/Kg		102	70 - 130	4	20
Ethylbenzene	ND		0.997	1.04		mg/Kg		105	70 - 130	4	20
Toluene	ND		0.997	1.02		mg/Kg		102	70 - 130	4	20
m&p-Xylene	ND		1.99	2.07		mg/Kg		104	70 - 130	4	20
o-Xylene	ND		0.997	1.04		mg/Kg		104	70 - 130	4	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	101		48 - 145								

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-10517/1-A

Matrix: Solid

Analysis Batch: 10540

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10517

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		08/19/24 13:12	08/20/24 01:14	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		08/19/24 13:12	08/20/24 01:14	1
	MB	MB						
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	101		62 - 134			08/19/24 13:12	08/20/24 01:14	1

Lab Sample ID: LCS 885-10517/2-A

Matrix: Solid

Analysis Batch: 10540

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 10517

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	55.0		mg/Kg		110	60 - 135
	LCS	LCS					
Surrogate	%Recovery	Qualifier	Limits				
Di-n-octyl phthalate (Surr)	92		62 - 134				

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 885-9936-9 MS

Matrix: Solid

Analysis Batch: 10540

Client Sample ID: TB-W3

Prep Type: Total/NA

Prep Batch: 10517

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND		48.4	53.6		mg/Kg		111	44 - 136		
Surrogate	MS %Recovery	MS Qualifier	Limits								
Di-n-octyl phthalate (Surr)	89		62 - 134								

Lab Sample ID: 885-9936-9 MSD

Matrix: Solid

Analysis Batch: 10540

Client Sample ID: TB-W3

Prep Type: Total/NA

Prep Batch: 10517

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limits
Diesel Range Organics [C10-C28]	ND		49.8	55.0		mg/Kg		110	44 - 136	3	32 - 128
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	91		62 - 134								

Lab Sample ID: MB 885-10539/1-A

Matrix: Solid

Analysis Batch: 10594

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10539

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		08/19/24 15:30	08/20/24 14:05	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		08/19/24 15:30	08/20/24 14:05	1
Surrogate	MB	MB	Limits			Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier						
Di-n-octyl phthalate (Surr)	106		62 - 134			08/19/24 15:30	08/20/24 14:05	1

Lab Sample ID: LCS 885-10539/2-A

Matrix: Solid

Analysis Batch: 10594

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 10539

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Diesel Range Organics			50.0	49.7		mg/Kg		99	60 - 135		
[C10-C28]											
			LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits								
Di-n-octyl phthalate (Surr)	99		62 - 134								

Lab Sample ID: 885-9936-29 MS

Matrix: Solid

Analysis Batch: 10594

Client Sample ID: TB-B10

Prep Type: Total/NA

Prep Batch: 10539

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	ND		47.2	49.1		mg/Kg		104	44 - 136

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 885-9936-29 MS

Matrix: Solid

Analysis Batch: 10594

Client Sample ID: TB-B10

Prep Type: Total/NA

Prep Batch: 10539

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
Di-n-octyl phthalate (Surr)	72		62 - 134

Lab Sample ID: 885-9936-29 MSD

Matrix: Solid

Analysis Batch: 10594

Client Sample ID: TB-B10

Prep Type: Total/NA

Prep Batch: 10539

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		46.2	46.3		mg/Kg		100	44 - 136	6	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	64		62 - 134								

Lab Sample ID: MB 885-10697/1-A

Matrix: Solid

Analysis Batch: 10682

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10697

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		08/21/24 12:41	08/21/24 18:21	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		08/21/24 12:41	08/21/24 18:21	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	100		62 - 134			08/21/24 12:41	08/21/24 18:21	1

Lab Sample ID: LCS 885-10697/2-A

Matrix: Solid

Analysis Batch: 10682

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 10697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	46.1		mg/Kg		92	60 - 135
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	94		62 - 134				

Lab Sample ID: MB 885-10787/1-A

Matrix: Solid

Analysis Batch: 10765

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10787

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		08/22/24 10:14	08/22/24 13:02	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		08/22/24 10:14	08/22/24 13:02	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	88		62 - 134			08/22/24 10:14	08/22/24 13:02	1

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 885-10787/2-A

Matrix: Solid

Analysis Batch: 10765

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 10787

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Diesel Range Organics			50.0	47.1		mg/Kg		94	60 - 135		
[C10-C28]											
			LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits								
Di-n-octyl phthalate (Surr)	96		62 - 134								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-10524/1-A

Matrix: Solid

Analysis Batch: 10575

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10524

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0	mg/Kg		08/19/24 14:23	08/19/24 17:37	1

Lab Sample ID: LCS 885-10524/2-A

Matrix: Solid

Analysis Batch: 10575

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 10524

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	30.0	27.9		mg/Kg		93	90 - 110

Lab Sample ID: MB 885-10554/1-A

Matrix: Solid

Analysis Batch: 10575

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10554

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0	mg/Kg		08/19/24 16:17	08/19/24 17:12	1

Lab Sample ID: LCS 885-10554/2-A

Matrix: Solid

Analysis Batch: 10575

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 10554

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	30.0	28.2		mg/Kg		94	90 - 110

Lab Sample ID: 885-9936-4 MS

Matrix: Solid

Analysis Batch: 10575

Client Sample ID: TB-B44

Prep Type: Total/NA

Prep Batch: 10554

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250		29.9	173	4	mg/Kg		-255	50 - 150

Lab Sample ID: 885-9936-4 MSD

Matrix: Solid

Analysis Batch: 10575

Client Sample ID: TB-B44

Prep Type: Total/NA

Prep Batch: 10554

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250		30.0	181	4	mg/Kg		-227	50 - 150	5	20

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-10592/2-A				Client Sample ID: Lab Control Sample							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 10616				Prep Batch: 10592							
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			30.0	30.8		mg/Kg		103	90 - 110		

Lab Sample ID: 885-9936-10 MS				Client Sample ID: TB-W4							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 10616				Prep Batch: 10592							
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	190		29.9	209	4	mg/Kg		70	50 - 150		

Lab Sample ID: 885-9936-10 MSD				Client Sample ID: TB-W4							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 10616				Prep Batch: 10592							
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Chloride	190		29.9	215	4	mg/Kg		91	50 - 150	3	20

Lab Sample ID: 885-9936-11 MS				Client Sample ID: TB-W5							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 10616				Prep Batch: 10592							
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	600		29.9	630	4	mg/Kg		105	50 - 150		

Lab Sample ID: 885-9936-11 MSD				Client Sample ID: TB-W5							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 10616				Prep Batch: 10592							
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Chloride	600		30.1	635	4	mg/Kg		121	50 - 150	1	20

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

GC VOA

Prep Batch: 10365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9936-1	TB-B41	Total/NA	Solid	5030C	
885-9936-2	TB-B42	Total/NA	Solid	5030C	
885-9936-3	TB-B43	Total/NA	Solid	5030C	
885-9936-4	TB-B44	Total/NA	Solid	5030C	
885-9936-5	TB-B46	Total/NA	Solid	5030C	
885-9936-6	TB-B5	Total/NA	Solid	5030C	
885-9936-7	TB-W1	Total/NA	Solid	5030C	
885-9936-8	TB-W2	Total/NA	Solid	5030C	
885-9936-9	TB-W3	Total/NA	Solid	5030C	
885-9936-10	TB-W4	Total/NA	Solid	5030C	
885-9936-11	TB-W5	Total/NA	Solid	5030C	
885-9936-12	TB-W6	Total/NA	Solid	5030C	
885-9936-13	TB-W7	Total/NA	Solid	5030C	
885-9936-14	TB-W8	Total/NA	Solid	5030C	
885-9936-15	TB-W9	Total/NA	Solid	5030C	
885-9936-16	TB-W10	Total/NA	Solid	5030C	
885-9936-17	TB-W11	Total/NA	Solid	5030C	
885-9936-18	TB-W12	Total/NA	Solid	5030C	
885-9936-19	TB-W13	Total/NA	Solid	5030C	
885-9936-20	TB-W14	Total/NA	Solid	5030C	
MB 885-10365/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-10365/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-10365/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-9936-1 MS	TB-B41	Total/NA	Solid	5030C	
885-9936-1 MSD	TB-B41	Total/NA	Solid	5030C	

Prep Batch: 10378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9936-21	TB-W15	Total/NA	Solid	5030C	
885-9936-22	TB-W16	Total/NA	Solid	5030C	
885-9936-23	TB-W17	Total/NA	Solid	5030C	
885-9936-24	TB-B23	Total/NA	Solid	5030C	
885-9936-25	TB-B24	Total/NA	Solid	5030C	
885-9936-26	TB-B25	Total/NA	Solid	5030C	
885-9936-27	TB-B19	Total/NA	Solid	5030C	
885-9936-28	TB-B20	Total/NA	Solid	5030C	
885-9936-29	TB-B10	Total/NA	Solid	5030C	
MB 885-10378/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-10378/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-10378/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-9936-21 MS	TB-W15	Total/NA	Solid	5030C	
885-9936-21 MSD	TB-W15	Total/NA	Solid	5030C	
885-9936-22 MS	TB-W16	Total/NA	Solid	5030C	
885-9936-22 MSD	TB-W16	Total/NA	Solid	5030C	

Analysis Batch: 10519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9936-21	TB-W15	Total/NA	Solid	8015M/D	10378
885-9936-22	TB-W16	Total/NA	Solid	8015M/D	10378
885-9936-23	TB-W17	Total/NA	Solid	8015M/D	10378
885-9936-24	TB-B23	Total/NA	Solid	8015M/D	10378

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

GC VOA (Continued)

Analysis Batch: 10519 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9936-25	TB-B24	Total/NA	Solid	8015M/D	10378
885-9936-26	TB-B25	Total/NA	Solid	8015M/D	10378
885-9936-27	TB-B19	Total/NA	Solid	8015M/D	10378
885-9936-28	TB-B20	Total/NA	Solid	8015M/D	10378
885-9936-29	TB-B10	Total/NA	Solid	8015M/D	10378
MB 885-10378/1-A	Method Blank	Total/NA	Solid	8015M/D	10378
LCS 885-10378/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	10378
885-9936-21 MS	TB-W15	Total/NA	Solid	8015M/D	10378
885-9936-21 MSD	TB-W15	Total/NA	Solid	8015M/D	10378

Analysis Batch: 10522

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9936-21	TB-W15	Total/NA	Solid	8021B	10378
885-9936-22	TB-W16	Total/NA	Solid	8021B	10378
885-9936-23	TB-W17	Total/NA	Solid	8021B	10378
885-9936-24	TB-B23	Total/NA	Solid	8021B	10378
885-9936-25	TB-B24	Total/NA	Solid	8021B	10378
885-9936-26	TB-B25	Total/NA	Solid	8021B	10378
885-9936-27	TB-B19	Total/NA	Solid	8021B	10378
885-9936-28	TB-B20	Total/NA	Solid	8021B	10378
885-9936-29	TB-B10	Total/NA	Solid	8021B	10378
MB 885-10378/1-A	Method Blank	Total/NA	Solid	8021B	10378
LCS 885-10378/3-A	Lab Control Sample	Total/NA	Solid	8021B	10378
885-9936-22 MS	TB-W16	Total/NA	Solid	8021B	10378
885-9936-22 MSD	TB-W16	Total/NA	Solid	8021B	10378

Analysis Batch: 10585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9936-1	TB-B41	Total/NA	Solid	8015M/D	10365
885-9936-2	TB-B42	Total/NA	Solid	8015M/D	10365
885-9936-3	TB-B43	Total/NA	Solid	8015M/D	10365
885-9936-4	TB-B44	Total/NA	Solid	8015M/D	10365
885-9936-5	TB-B46	Total/NA	Solid	8015M/D	10365
885-9936-6	TB-B5	Total/NA	Solid	8015M/D	10365
885-9936-7	TB-W1	Total/NA	Solid	8015M/D	10365
885-9936-8	TB-W2	Total/NA	Solid	8015M/D	10365
885-9936-9	TB-W3	Total/NA	Solid	8015M/D	10365
885-9936-10	TB-W4	Total/NA	Solid	8015M/D	10365
885-9936-11	TB-W5	Total/NA	Solid	8015M/D	10365
885-9936-12	TB-W6	Total/NA	Solid	8015M/D	10365
885-9936-13	TB-W7	Total/NA	Solid	8015M/D	10365
885-9936-14	TB-W8	Total/NA	Solid	8015M/D	10365
885-9936-15	TB-W9	Total/NA	Solid	8015M/D	10365
885-9936-16	TB-W10	Total/NA	Solid	8015M/D	10365
885-9936-17	TB-W11	Total/NA	Solid	8015M/D	10365
885-9936-18	TB-W12	Total/NA	Solid	8015M/D	10365
885-9936-19	TB-W13	Total/NA	Solid	8015M/D	10365
885-9936-20	TB-W14	Total/NA	Solid	8015M/D	10365
MB 885-10365/1-A	Method Blank	Total/NA	Solid	8015M/D	10365
LCS 885-10365/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	10365
885-9936-1 MS	TB-B41	Total/NA	Solid	8015M/D	10365

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

GC VOA (Continued)

Analysis Batch: 10585 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9936-1 MSD	TB-B41	Total/NA	Solid	8015M/D	10365

Analysis Batch: 10587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9936-1	TB-B41	Total/NA	Solid	8021B	10365
885-9936-2	TB-B42	Total/NA	Solid	8021B	10365
885-9936-3	TB-B43	Total/NA	Solid	8021B	10365
885-9936-4	TB-B44	Total/NA	Solid	8021B	10365
885-9936-5	TB-B46	Total/NA	Solid	8021B	10365
885-9936-6	TB-B5	Total/NA	Solid	8021B	10365
885-9936-7	TB-W1	Total/NA	Solid	8021B	10365
885-9936-8	TB-W2	Total/NA	Solid	8021B	10365
885-9936-9	TB-W3	Total/NA	Solid	8021B	10365
885-9936-10	TB-W4	Total/NA	Solid	8021B	10365
885-9936-11	TB-W5	Total/NA	Solid	8021B	10365
885-9936-12	TB-W6	Total/NA	Solid	8021B	10365
885-9936-13	TB-W7	Total/NA	Solid	8021B	10365
885-9936-14	TB-W8	Total/NA	Solid	8021B	10365
885-9936-15	TB-W9	Total/NA	Solid	8021B	10365
885-9936-16	TB-W10	Total/NA	Solid	8021B	10365
885-9936-17	TB-W11	Total/NA	Solid	8021B	10365
885-9936-18	TB-W12	Total/NA	Solid	8021B	10365
885-9936-19	TB-W13	Total/NA	Solid	8021B	10365
885-9936-20	TB-W14	Total/NA	Solid	8021B	10365
MB 885-10365/1-A	Method Blank	Total/NA	Solid	8021B	10365
LCS 885-10365/3-A	Lab Control Sample	Total/NA	Solid	8021B	10365

GC Semi VOA

Prep Batch: 10517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9936-1	TB-B41	Total/NA	Solid	SHAKE	
885-9936-2	TB-B42	Total/NA	Solid	SHAKE	
885-9936-3	TB-B43	Total/NA	Solid	SHAKE	
885-9936-4	TB-B44	Total/NA	Solid	SHAKE	
885-9936-5	TB-B46	Total/NA	Solid	SHAKE	
885-9936-6	TB-B5	Total/NA	Solid	SHAKE	
885-9936-7	TB-W1	Total/NA	Solid	SHAKE	
885-9936-8	TB-W2	Total/NA	Solid	SHAKE	
885-9936-9	TB-W3	Total/NA	Solid	SHAKE	
MB 885-10517/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-10517/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-9936-9 MS	TB-W3	Total/NA	Solid	SHAKE	
885-9936-9 MSD	TB-W3	Total/NA	Solid	SHAKE	

Prep Batch: 10539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9936-10	TB-W4	Total/NA	Solid	SHAKE	
885-9936-11	TB-W5	Total/NA	Solid	SHAKE	
885-9936-12	TB-W6	Total/NA	Solid	SHAKE	
885-9936-13	TB-W7	Total/NA	Solid	SHAKE	

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

GC Semi VOA (Continued)

Prep Batch: 10539 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9936-14	TB-W8	Total/NA	Solid	SHAKE	
885-9936-15	TB-W9	Total/NA	Solid	SHAKE	
885-9936-16	TB-W10	Total/NA	Solid	SHAKE	
885-9936-18	TB-W12	Total/NA	Solid	SHAKE	
885-9936-19	TB-W13	Total/NA	Solid	SHAKE	
885-9936-20	TB-W14	Total/NA	Solid	SHAKE	
885-9936-22	TB-W16	Total/NA	Solid	SHAKE	
885-9936-23	TB-W17	Total/NA	Solid	SHAKE	
885-9936-24	TB-B23	Total/NA	Solid	SHAKE	
885-9936-25	TB-B24	Total/NA	Solid	SHAKE	
885-9936-26	TB-B25	Total/NA	Solid	SHAKE	
885-9936-27	TB-B19	Total/NA	Solid	SHAKE	
885-9936-28	TB-B20	Total/NA	Solid	SHAKE	
885-9936-29	TB-B10	Total/NA	Solid	SHAKE	
MB 885-10539/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-10539/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-9936-29 MS	TB-B10	Total/NA	Solid	SHAKE	
885-9936-29 MSD	TB-B10	Total/NA	Solid	SHAKE	

Analysis Batch: 10540

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9936-1	TB-B41	Total/NA	Solid	8015M/D	10517
885-9936-2	TB-B42	Total/NA	Solid	8015M/D	10517
885-9936-3	TB-B43	Total/NA	Solid	8015M/D	10517
885-9936-4	TB-B44	Total/NA	Solid	8015M/D	10517
885-9936-5	TB-B46	Total/NA	Solid	8015M/D	10517
885-9936-6	TB-B5	Total/NA	Solid	8015M/D	10517
885-9936-7	TB-W1	Total/NA	Solid	8015M/D	10517
885-9936-8	TB-W2	Total/NA	Solid	8015M/D	10517
885-9936-9	TB-W3	Total/NA	Solid	8015M/D	10517
MB 885-10517/1-A	Method Blank	Total/NA	Solid	8015M/D	10517
LCS 885-10517/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	10517
885-9936-9 MS	TB-W3	Total/NA	Solid	8015M/D	10517
885-9936-9 MSD	TB-W3	Total/NA	Solid	8015M/D	10517

Analysis Batch: 10594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9936-10	TB-W4	Total/NA	Solid	8015M/D	10539
885-9936-11	TB-W5	Total/NA	Solid	8015M/D	10539
885-9936-12	TB-W6	Total/NA	Solid	8015M/D	10539
885-9936-13	TB-W7	Total/NA	Solid	8015M/D	10539
885-9936-15	TB-W9	Total/NA	Solid	8015M/D	10539
885-9936-16	TB-W10	Total/NA	Solid	8015M/D	10539
885-9936-19	TB-W13	Total/NA	Solid	8015M/D	10539
885-9936-20	TB-W14	Total/NA	Solid	8015M/D	10539
885-9936-22	TB-W16	Total/NA	Solid	8015M/D	10539
885-9936-28	TB-B20	Total/NA	Solid	8015M/D	10539
885-9936-29	TB-B10	Total/NA	Solid	8015M/D	10539
MB 885-10539/1-A	Method Blank	Total/NA	Solid	8015M/D	10539
LCS 885-10539/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	10539
885-9936-29 MS	TB-B10	Total/NA	Solid	8015M/D	10539

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

GC Semi VOA (Continued)

Analysis Batch: 10594 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9936-29 MSD	TB-B10	Total/NA	Solid	8015M/D	10539

Analysis Batch: 10596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9936-14	TB-W8	Total/NA	Solid	8015M/D	10539
885-9936-27	TB-B19	Total/NA	Solid	8015M/D	10539

Analysis Batch: 10666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9936-18	TB-W12	Total/NA	Solid	8015M/D	10539
885-9936-23	TB-W17	Total/NA	Solid	8015M/D	10539
885-9936-24	TB-B23	Total/NA	Solid	8015M/D	10539
885-9936-25	TB-B24	Total/NA	Solid	8015M/D	10539
885-9936-26	TB-B25	Total/NA	Solid	8015M/D	10539

Analysis Batch: 10682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9936-17	TB-W11	Total/NA	Solid	8015M/D	10697
MB 885-10697/1-A	Method Blank	Total/NA	Solid	8015M/D	10697
LCS 885-10697/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	10697

Prep Batch: 10697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9936-17	TB-W11	Total/NA	Solid	SHAKE	
MB 885-10697/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-10697/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 10765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9936-21	TB-W15	Total/NA	Solid	8015M/D	10787
MB 885-10787/1-A	Method Blank	Total/NA	Solid	8015M/D	10787
LCS 885-10787/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	10787

Prep Batch: 10787

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9936-21	TB-W15	Total/NA	Solid	SHAKE	
MB 885-10787/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-10787/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 10524

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9936-1	TB-B41	Total/NA	Solid	300_Prep	
885-9936-2	TB-B42	Total/NA	Solid	300_Prep	
885-9936-3	TB-B43	Total/NA	Solid	300_Prep	
MB 885-10524/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-10524/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

HPLC/IC

Prep Batch: 10554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9936-4	TB-B44	Total/NA	Solid	300_Prep	
885-9936-5	TB-B46	Total/NA	Solid	300_Prep	
885-9936-6	TB-B5	Total/NA	Solid	300_Prep	
885-9936-7	TB-W1	Total/NA	Solid	300_Prep	
885-9936-8	TB-W2	Total/NA	Solid	300_Prep	
885-9936-9	TB-W3	Total/NA	Solid	300_Prep	
MB 885-10554/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-10554/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-9936-4 MS	TB-B44	Total/NA	Solid	300_Prep	
885-9936-4 MSD	TB-B44	Total/NA	Solid	300_Prep	

Analysis Batch: 10575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9936-1	TB-B41	Total/NA	Solid	300.0	10524
885-9936-2	TB-B42	Total/NA	Solid	300.0	10524
885-9936-3	TB-B43	Total/NA	Solid	300.0	10524
885-9936-4	TB-B44	Total/NA	Solid	300.0	10554
885-9936-5	TB-B46	Total/NA	Solid	300.0	10554
885-9936-6	TB-B5	Total/NA	Solid	300.0	10554
885-9936-7	TB-W1	Total/NA	Solid	300.0	10554
885-9936-8	TB-W2	Total/NA	Solid	300.0	10554
885-9936-9	TB-W3	Total/NA	Solid	300.0	10554
MB 885-10524/1-A	Method Blank	Total/NA	Solid	300.0	10524
MB 885-10554/1-A	Method Blank	Total/NA	Solid	300.0	10554
LCS 885-10524/2-A	Lab Control Sample	Total/NA	Solid	300.0	10524
LCS 885-10554/2-A	Lab Control Sample	Total/NA	Solid	300.0	10554
885-9936-4 MS	TB-B44	Total/NA	Solid	300.0	10554
885-9936-4 MSD	TB-B44	Total/NA	Solid	300.0	10554

Prep Batch: 10592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9936-10	TB-W4	Total/NA	Solid	300_Prep	
885-9936-11	TB-W5	Total/NA	Solid	300_Prep	
885-9936-12	TB-W6	Total/NA	Solid	300_Prep	
885-9936-13	TB-W7	Total/NA	Solid	300_Prep	
885-9936-14	TB-W8	Total/NA	Solid	300_Prep	
885-9936-15	TB-W9	Total/NA	Solid	300_Prep	
885-9936-16	TB-W10	Total/NA	Solid	300_Prep	
885-9936-17	TB-W11	Total/NA	Solid	300_Prep	
885-9936-18	TB-W12	Total/NA	Solid	300_Prep	
885-9936-19	TB-W13	Total/NA	Solid	300_Prep	
885-9936-20	TB-W14	Total/NA	Solid	300_Prep	
885-9936-21	TB-W15	Total/NA	Solid	300_Prep	
885-9936-22	TB-W16	Total/NA	Solid	300_Prep	
885-9936-23	TB-W17	Total/NA	Solid	300_Prep	
885-9936-24	TB-B23	Total/NA	Solid	300_Prep	
885-9936-25	TB-B24	Total/NA	Solid	300_Prep	
885-9936-26	TB-B25	Total/NA	Solid	300_Prep	
885-9936-27	TB-B19	Total/NA	Solid	300_Prep	
885-9936-28	TB-B20	Total/NA	Solid	300_Prep	
885-9936-29	TB-B10	Total/NA	Solid	300_Prep	

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

HPLC/IC (Continued)

Prep Batch: 10592 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 885-10592/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-9936-10 MS	TB-W4	Total/NA	Solid	300_Prep	
885-9936-10 MSD	TB-W4	Total/NA	Solid	300_Prep	
885-9936-11 MS	TB-W5	Total/NA	Solid	300_Prep	
885-9936-11 MSD	TB-W5	Total/NA	Solid	300_Prep	

Analysis Batch: 10616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9936-10	TB-W4	Total/NA	Solid	300.0	10592
885-9936-11	TB-W5	Total/NA	Solid	300.0	10592
885-9936-12	TB-W6	Total/NA	Solid	300.0	10592
885-9936-13	TB-W7	Total/NA	Solid	300.0	10592
885-9936-14	TB-W8	Total/NA	Solid	300.0	10592
885-9936-15	TB-W9	Total/NA	Solid	300.0	10592
885-9936-16	TB-W10	Total/NA	Solid	300.0	10592
885-9936-17	TB-W11	Total/NA	Solid	300.0	10592
885-9936-18	TB-W12	Total/NA	Solid	300.0	10592
885-9936-19	TB-W13	Total/NA	Solid	300.0	10592
885-9936-20	TB-W14	Total/NA	Solid	300.0	10592
885-9936-21	TB-W15	Total/NA	Solid	300.0	10592
885-9936-22	TB-W16	Total/NA	Solid	300.0	10592
885-9936-23	TB-W17	Total/NA	Solid	300.0	10592
885-9936-24	TB-B23	Total/NA	Solid	300.0	10592
885-9936-25	TB-B24	Total/NA	Solid	300.0	10592
885-9936-26	TB-B25	Total/NA	Solid	300.0	10592
885-9936-27	TB-B19	Total/NA	Solid	300.0	10592
885-9936-28	TB-B20	Total/NA	Solid	300.0	10592
885-9936-29	TB-B10	Total/NA	Solid	300.0	10592
LCS 885-10592/2-A	Lab Control Sample	Total/NA	Solid	300.0	10592
885-9936-10 MS	TB-W4	Total/NA	Solid	300.0	10592
885-9936-10 MSD	TB-W4	Total/NA	Solid	300.0	10592
885-9936-11 MS	TB-W5	Total/NA	Solid	300.0	10592
885-9936-11 MSD	TB-W5	Total/NA	Solid	300.0	10592

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-B41

Date Collected: 08/13/24 12:32

Date Received: 08/15/24 07:50

Lab Sample ID: 885-9936-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8015M/D		1	10585	AT	EET ALB	08/19/24 12:36
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8021B		1	10587	AT	EET ALB	08/19/24 12:36
Total/NA	Prep	SHAKE			10517	KR	EET ALB	08/19/24 13:12
Total/NA	Analysis	8015M/D		1	10540	KR	EET ALB	08/20/24 07:17
Total/NA	Prep	300_Prep			10524	EH	EET ALB	08/19/24 15:11
Total/NA	Analysis	300.0		20	10575	MA	EET ALB	08/19/24 21:07

Client Sample ID: TB-B42

Date Collected: 08/13/24 12:34

Date Received: 08/15/24 07:50

Lab Sample ID: 885-9936-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8015M/D		1	10585	AT	EET ALB	08/19/24 13:54
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8021B		1	10587	AT	EET ALB	08/19/24 13:54
Total/NA	Prep	SHAKE			10517	KR	EET ALB	08/19/24 13:12
Total/NA	Analysis	8015M/D		1	10540	KR	EET ALB	08/20/24 07:41
Total/NA	Prep	300_Prep			10524	EH	EET ALB	08/19/24 15:11
Total/NA	Analysis	300.0		20	10575	MA	EET ALB	08/19/24 21:19

Client Sample ID: TB-B43

Date Collected: 08/13/24 12:36

Date Received: 08/15/24 07:50

Lab Sample ID: 885-9936-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8015M/D		1	10585	AT	EET ALB	08/19/24 15:00
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8021B		1	10587	AT	EET ALB	08/19/24 15:00
Total/NA	Prep	SHAKE			10517	KR	EET ALB	08/19/24 13:12
Total/NA	Analysis	8015M/D		1	10540	KR	EET ALB	08/20/24 08:29
Total/NA	Prep	300_Prep			10524	EH	EET ALB	08/19/24 15:11
Total/NA	Analysis	300.0		20	10575	MA	EET ALB	08/19/24 21:31

Client Sample ID: TB-B44

Date Collected: 08/13/24 12:40

Date Received: 08/15/24 07:50

Lab Sample ID: 885-9936-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8015M/D		1	10585	AT	EET ALB	08/19/24 15:21

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-B44

Lab Sample ID: 885-9936-4

Date Collected: 08/13/24 12:40

Matrix: Solid

Date Received: 08/15/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8021B		1	10587	AT	EET ALB	08/19/24 15:21
Total/NA	Prep	SHAKE			10517	KR	EET ALB	08/19/24 13:12
Total/NA	Analysis	8015M/D		1	10540	KR	EET ALB	08/20/24 08:53
Total/NA	Prep	300_Prep			10554	EH	EET ALB	08/19/24 16:17
Total/NA	Analysis	300.0		20	10575	MA	EET ALB	08/19/24 22:08

Client Sample ID: TB-B46

Lab Sample ID: 885-9936-5

Date Collected: 08/13/24 12:14

Matrix: Solid

Date Received: 08/15/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8015M/D		1	10585	AT	EET ALB	08/19/24 15:43
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8021B		1	10587	AT	EET ALB	08/19/24 15:43
Total/NA	Prep	SHAKE			10517	KR	EET ALB	08/19/24 13:12
Total/NA	Analysis	8015M/D		1	10540	KR	EET ALB	08/20/24 09:17
Total/NA	Prep	300_Prep			10554	EH	EET ALB	08/19/24 16:17
Total/NA	Analysis	300.0		20	10575	MA	EET ALB	08/19/24 22:45

Client Sample ID: TB-B5

Lab Sample ID: 885-9936-6

Date Collected: 08/13/24 12:12

Matrix: Solid

Date Received: 08/15/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8015M/D		1	10585	AT	EET ALB	08/19/24 16:05
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8021B		1	10587	AT	EET ALB	08/19/24 16:05
Total/NA	Prep	SHAKE			10517	KR	EET ALB	08/19/24 13:12
Total/NA	Analysis	8015M/D		1	10540	KR	EET ALB	08/20/24 09:41
Total/NA	Prep	300_Prep			10554	EH	EET ALB	08/19/24 16:17
Total/NA	Analysis	300.0		20	10575	MA	EET ALB	08/19/24 22:58

Client Sample ID: TB-W1

Lab Sample ID: 885-9936-7

Date Collected: 08/13/24 11:30

Matrix: Solid

Date Received: 08/15/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8015M/D		1	10585	AT	EET ALB	08/19/24 16:27
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8021B		1	10587	AT	EET ALB	08/19/24 16:27

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-W1

Date Collected: 08/13/24 11:30

Date Received: 08/15/24 07:50

Lab Sample ID: 885-9936-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			10517	KR	EET ALB	08/19/24 13:12
Total/NA	Analysis	8015M/D		1	10540	KR	EET ALB	08/20/24 10:05
Total/NA	Prep	300_Prep			10554	EH	EET ALB	08/19/24 16:17
Total/NA	Analysis	300.0		20	10575	MA	EET ALB	08/19/24 23:10

Client Sample ID: TB-W2

Date Collected: 08/13/24 11:32

Date Received: 08/15/24 07:50

Lab Sample ID: 885-9936-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8015M/D		1	10585	AT	EET ALB	08/19/24 16:49
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8021B		1	10587	AT	EET ALB	08/19/24 16:49
Total/NA	Prep	SHAKE			10517	KR	EET ALB	08/19/24 13:12
Total/NA	Analysis	8015M/D		1	10540	KR	EET ALB	08/20/24 10:29
Total/NA	Prep	300_Prep			10554	EH	EET ALB	08/19/24 16:17
Total/NA	Analysis	300.0		20	10575	MA	EET ALB	08/19/24 23:23

Client Sample ID: TB-W3

Date Collected: 08/13/24 11:34

Date Received: 08/15/24 07:50

Lab Sample ID: 885-9936-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8015M/D		1	10585	AT	EET ALB	08/19/24 17:11
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8021B		1	10587	AT	EET ALB	08/19/24 17:11
Total/NA	Prep	SHAKE			10517	KR	EET ALB	08/19/24 13:12
Total/NA	Analysis	8015M/D		1	10540	KR	EET ALB	08/20/24 10:53
Total/NA	Prep	300_Prep			10554	EH	EET ALB	08/19/24 16:17
Total/NA	Analysis	300.0		20	10575	MA	EET ALB	08/19/24 23:35

Client Sample ID: TB-W4

Date Collected: 08/13/24 11:36

Date Received: 08/15/24 07:50

Lab Sample ID: 885-9936-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8015M/D		1	10585	AT	EET ALB	08/19/24 17:33
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8021B		1	10587	AT	EET ALB	08/19/24 17:33
Total/NA	Prep	SHAKE			10539	PD	EET ALB	08/19/24 15:30
Total/NA	Analysis	8015M/D		1	10594	KR	EET ALB	08/20/24 14:32

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-W4

Date Collected: 08/13/24 11:36

Date Received: 08/15/24 07:50

Lab Sample ID: 885-9936-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			10592	KB	EET ALB	08/20/24 10:36
Total/NA	Analysis	300.0		20	10616	EH	EET ALB	08/20/24 18:53

Client Sample ID: TB-W5

Date Collected: 08/13/24 11:38

Date Received: 08/15/24 07:50

Lab Sample ID: 885-9936-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8015M/D		1	10585	AT	EET ALB	08/19/24 18:17
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8021B		1	10587	AT	EET ALB	08/19/24 18:17
Total/NA	Prep	SHAKE			10539	PD	EET ALB	08/19/24 15:30
Total/NA	Analysis	8015M/D		1	10594	KR	EET ALB	08/20/24 14:45
Total/NA	Prep	300_Prep			10592	KB	EET ALB	08/20/24 10:36
Total/NA	Analysis	300.0		20	10616	EH	EET ALB	08/20/24 19:08

Client Sample ID: TB-W6

Date Collected: 08/13/24 11:40

Date Received: 08/15/24 07:50

Lab Sample ID: 885-9936-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8015M/D		1	10585	AT	EET ALB	08/19/24 18:39
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8021B		1	10587	AT	EET ALB	08/19/24 18:39
Total/NA	Prep	SHAKE			10539	PD	EET ALB	08/19/24 15:30
Total/NA	Analysis	8015M/D		1	10594	KR	EET ALB	08/20/24 14:59
Total/NA	Prep	300_Prep			10592	KB	EET ALB	08/20/24 10:36
Total/NA	Analysis	300.0		20	10616	EH	EET ALB	08/20/24 20:54

Client Sample ID: TB-W7

Date Collected: 08/13/24 11:42

Date Received: 08/15/24 07:50

Lab Sample ID: 885-9936-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8015M/D		1	10585	AT	EET ALB	08/19/24 19:01
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8021B		1	10587	AT	EET ALB	08/19/24 19:01
Total/NA	Prep	SHAKE			10539	PD	EET ALB	08/19/24 15:30
Total/NA	Analysis	8015M/D		1	10594	KR	EET ALB	08/20/24 15:12
Total/NA	Prep	300_Prep			10592	KB	EET ALB	08/20/24 10:36
Total/NA	Analysis	300.0		20	10616	EH	EET ALB	08/20/24 21:09

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-W8

Lab Sample ID: 885-9936-14

Date Collected: 08/13/24 11:46

Matrix: Solid

Date Received: 08/15/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8015M/D		1	10585	AT	EET ALB	08/19/24 19:23
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8021B		1	10587	AT	EET ALB	08/19/24 19:23
Total/NA	Prep	SHAKE			10539	PD	EET ALB	08/19/24 15:30
Total/NA	Analysis	8015M/D		1	10596	KR	EET ALB	08/20/24 18:52
Total/NA	Prep	300_Prep			10592	KB	EET ALB	08/20/24 10:36
Total/NA	Analysis	300.0		20	10616	EH	EET ALB	08/20/24 21:24

Client Sample ID: TB-W9

Lab Sample ID: 885-9936-15

Date Collected: 08/13/24 11:48

Matrix: Solid

Date Received: 08/15/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8015M/D		1	10585	AT	EET ALB	08/19/24 19:45
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8021B		1	10587	AT	EET ALB	08/19/24 19:45
Total/NA	Prep	SHAKE			10539	PD	EET ALB	08/19/24 15:30
Total/NA	Analysis	8015M/D		1	10594	KR	EET ALB	08/20/24 15:26
Total/NA	Prep	300_Prep			10592	KB	EET ALB	08/20/24 10:36
Total/NA	Analysis	300.0		20	10616	EH	EET ALB	08/20/24 21:39

Client Sample ID: TB-W10

Lab Sample ID: 885-9936-16

Date Collected: 08/13/24 11:54

Matrix: Solid

Date Received: 08/15/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8015M/D		1	10585	AT	EET ALB	08/19/24 20:07
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8021B		1	10587	AT	EET ALB	08/19/24 20:07
Total/NA	Prep	SHAKE			10539	PD	EET ALB	08/19/24 15:30
Total/NA	Analysis	8015M/D		1	10594	KR	EET ALB	08/20/24 15:40
Total/NA	Prep	300_Prep			10592	KB	EET ALB	08/20/24 10:36
Total/NA	Analysis	300.0		20	10616	EH	EET ALB	08/20/24 21:55

Client Sample ID: TB-W11

Lab Sample ID: 885-9936-17

Date Collected: 08/13/24 11:56

Matrix: Solid

Date Received: 08/15/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8015M/D		1	10585	AT	EET ALB	08/19/24 20:28

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-W11

Lab Sample ID: 885-9936-17

Date Collected: 08/13/24 11:56

Matrix: Solid

Date Received: 08/15/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8021B		1	10587	AT	EET ALB	08/19/24 20:28
Total/NA	Prep	SHAKE			10697	EM	EET ALB	08/21/24 12:41
Total/NA	Analysis	8015M/D		1	10682	EM	EET ALB	08/21/24 18:44
Total/NA	Prep	300_Prep			10592	KB	EET ALB	08/20/24 10:36
Total/NA	Analysis	300.0		20	10616	EH	EET ALB	08/20/24 22:10

Client Sample ID: TB-W12

Lab Sample ID: 885-9936-18

Date Collected: 08/13/24 12:00

Matrix: Solid

Date Received: 08/15/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8015M/D		1	10585	AT	EET ALB	08/19/24 20:50
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8021B		1	10587	AT	EET ALB	08/19/24 20:50
Total/NA	Prep	SHAKE			10539	PD	EET ALB	08/19/24 15:30
Total/NA	Analysis	8015M/D		1	10666	KR	EET ALB	08/21/24 15:14
Total/NA	Prep	300_Prep			10592	KB	EET ALB	08/20/24 10:36
Total/NA	Analysis	300.0		20	10616	EH	EET ALB	08/20/24 22:55

Client Sample ID: TB-W13

Lab Sample ID: 885-9936-19

Date Collected: 08/13/24 12:02

Matrix: Solid

Date Received: 08/15/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8015M/D		1	10585	AT	EET ALB	08/19/24 21:12
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8021B		1	10587	AT	EET ALB	08/19/24 21:12
Total/NA	Prep	SHAKE			10539	PD	EET ALB	08/19/24 15:30
Total/NA	Analysis	8015M/D		1	10594	KR	EET ALB	08/20/24 16:34
Total/NA	Prep	300_Prep			10592	KB	EET ALB	08/20/24 10:36
Total/NA	Analysis	300.0		20	10616	EH	EET ALB	08/20/24 23:10

Client Sample ID: TB-W14

Lab Sample ID: 885-9936-20

Date Collected: 08/13/24 12:04

Matrix: Solid

Date Received: 08/15/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8015M/D		1	10585	AT	EET ALB	08/19/24 21:34
Total/NA	Prep	5030C			10365	JR	EET ALB	08/15/24 14:46
Total/NA	Analysis	8021B		1	10587	AT	EET ALB	08/19/24 21:34

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-W14

Date Collected: 08/13/24 12:04

Date Received: 08/15/24 07:50

Lab Sample ID: 885-9936-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			10539	PD	EET ALB	08/19/24 15:30
Total/NA	Analysis	8015M/D		1	10594	KR	EET ALB	08/20/24 16:47
Total/NA	Prep	300_Prep			10592	KB	EET ALB	08/20/24 10:36
Total/NA	Analysis	300.0		20	10616	EH	EET ALB	08/20/24 23:26

Client Sample ID: TB-W15

Date Collected: 08/13/24 12:06

Date Received: 08/15/24 07:50

Lab Sample ID: 885-9936-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10378	JP	EET ALB	08/15/24 17:13
Total/NA	Analysis	8015M/D		1	10519	AT	EET ALB	08/16/24 19:32
Total/NA	Prep	5030C			10378	JP	EET ALB	08/15/24 17:13
Total/NA	Analysis	8021B		1	10522	AT	EET ALB	08/16/24 19:32
Total/NA	Prep	SHAKE			10787	EM	EET ALB	08/22/24 10:14
Total/NA	Analysis	8015M/D		1	10765	EM	EET ALB	08/22/24 13:24
Total/NA	Prep	300_Prep			10592	KB	EET ALB	08/20/24 10:36
Total/NA	Analysis	300.0		20	10616	EH	EET ALB	08/20/24 23:41

Client Sample ID: TB-W16

Date Collected: 08/13/24 12:08

Date Received: 08/15/24 07:50

Lab Sample ID: 885-9936-22

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10378	JP	EET ALB	08/15/24 17:13
Total/NA	Analysis	8015M/D		1	10519	AT	EET ALB	08/16/24 20:38
Total/NA	Prep	5030C			10378	JP	EET ALB	08/15/24 17:13
Total/NA	Analysis	8021B		1	10522	AT	EET ALB	08/16/24 20:38
Total/NA	Prep	SHAKE			10539	PD	EET ALB	08/19/24 15:30
Total/NA	Analysis	8015M/D		1	10594	KR	EET ALB	08/20/24 17:13
Total/NA	Prep	300_Prep			10592	KB	EET ALB	08/20/24 10:36
Total/NA	Analysis	300.0		20	10616	EH	EET ALB	08/20/24 23:56

Client Sample ID: TB-W17

Date Collected: 08/13/24 12:10

Date Received: 08/15/24 07:50

Lab Sample ID: 885-9936-23

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10378	JP	EET ALB	08/15/24 17:13
Total/NA	Analysis	8015M/D		1	10519	AT	EET ALB	08/16/24 21:43
Total/NA	Prep	5030C			10378	JP	EET ALB	08/15/24 17:13
Total/NA	Analysis	8021B		1	10522	AT	EET ALB	08/16/24 21:43
Total/NA	Prep	SHAKE			10539	PD	EET ALB	08/19/24 15:30
Total/NA	Analysis	8015M/D		1	10666	KR	EET ALB	08/21/24 16:02

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-W17
Date Collected: 08/13/24 12:10
Date Received: 08/15/24 07:50

Lab Sample ID: 885-9936-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			10592	KB	EET ALB	08/20/24 10:36
Total/NA	Analysis	300.0		20	10616	EH	EET ALB	08/21/24 00:11

Client Sample ID: TB-B23
Date Collected: 08/13/24 12:24
Date Received: 08/15/24 07:50

Lab Sample ID: 885-9936-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10378	JP	EET ALB	08/15/24 17:13
Total/NA	Analysis	8015M/D		1	10519	AT	EET ALB	08/16/24 22:05
Total/NA	Prep	5030C			10378	JP	EET ALB	08/15/24 17:13
Total/NA	Analysis	8021B		1	10522	AT	EET ALB	08/16/24 22:05
Total/NA	Prep	SHAKE			10539	PD	EET ALB	08/19/24 15:30
Total/NA	Analysis	8015M/D		1	10666	KR	EET ALB	08/21/24 16:26
Total/NA	Prep	300_Prep			10592	KB	EET ALB	08/20/24 10:36
Total/NA	Analysis	300.0		20	10616	EH	EET ALB	08/21/24 00:26

Client Sample ID: TB-B24
Date Collected: 08/13/24 12:26
Date Received: 08/15/24 07:50

Lab Sample ID: 885-9936-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10378	JP	EET ALB	08/15/24 17:13
Total/NA	Analysis	8015M/D		1	10519	AT	EET ALB	08/16/24 22:27
Total/NA	Prep	5030C			10378	JP	EET ALB	08/15/24 17:13
Total/NA	Analysis	8021B		1	10522	AT	EET ALB	08/16/24 22:27
Total/NA	Prep	SHAKE			10539	PD	EET ALB	08/19/24 15:30
Total/NA	Analysis	8015M/D		1	10666	KR	EET ALB	08/21/24 17:14
Total/NA	Prep	300_Prep			10592	KB	EET ALB	08/20/24 10:36
Total/NA	Analysis	300.0		20	10616	EH	EET ALB	08/21/24 00:41

Client Sample ID: TB-B25
Date Collected: 08/13/24 12:30
Date Received: 08/15/24 07:50

Lab Sample ID: 885-9936-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10378	JP	EET ALB	08/15/24 17:13
Total/NA	Analysis	8015M/D		1	10519	AT	EET ALB	08/16/24 22:49
Total/NA	Prep	5030C			10378	JP	EET ALB	08/15/24 17:13
Total/NA	Analysis	8021B		1	10522	AT	EET ALB	08/16/24 22:49
Total/NA	Prep	SHAKE			10539	PD	EET ALB	08/19/24 15:30
Total/NA	Analysis	8015M/D		1	10666	KR	EET ALB	08/21/24 17:38
Total/NA	Prep	300_Prep			10592	KB	EET ALB	08/20/24 10:36
Total/NA	Analysis	300.0		20	10616	EH	EET ALB	08/21/24 00:57

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Client Sample ID: TB-B19
Date Collected: 08/13/24 12:18
Date Received: 08/15/24 07:50

Lab Sample ID: 885-9936-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10378	JP	EET ALB	08/15/24 17:13
Total/NA	Analysis	8015M/D		1	10519	AT	EET ALB	08/16/24 23:11
Total/NA	Prep	5030C			10378	JP	EET ALB	08/15/24 17:13
Total/NA	Analysis	8021B		1	10522	AT	EET ALB	08/16/24 23:11
Total/NA	Prep	SHAKE			10539	PD	EET ALB	08/19/24 15:30
Total/NA	Analysis	8015M/D		1	10596	KR	EET ALB	08/20/24 17:13
Total/NA	Prep	300_Prep			10592	KB	EET ALB	08/20/24 10:36
Total/NA	Analysis	300.0		20	10616	EH	EET ALB	08/21/24 01:12

Client Sample ID: TB-B20
Date Collected: 08/13/24 12:20
Date Received: 08/15/24 07:50

Lab Sample ID: 885-9936-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10378	JP	EET ALB	08/15/24 17:13
Total/NA	Analysis	8015M/D		1	10519	AT	EET ALB	08/16/24 23:33
Total/NA	Prep	5030C			10378	JP	EET ALB	08/15/24 17:13
Total/NA	Analysis	8021B		1	10522	AT	EET ALB	08/16/24 23:33
Total/NA	Prep	SHAKE			10539	PD	EET ALB	08/19/24 15:30
Total/NA	Analysis	8015M/D		1	10594	KR	EET ALB	08/20/24 18:22
Total/NA	Prep	300_Prep			10592	KB	EET ALB	08/20/24 10:36
Total/NA	Analysis	300.0		20	10616	EH	EET ALB	08/21/24 01:57

Client Sample ID: TB-B10
Date Collected: 08/13/24 12:16
Date Received: 08/15/24 07:50

Lab Sample ID: 885-9936-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			10378	JP	EET ALB	08/15/24 17:13
Total/NA	Analysis	8015M/D		1	10519	AT	EET ALB	08/16/24 23:54
Total/NA	Prep	5030C			10378	JP	EET ALB	08/15/24 17:13
Total/NA	Analysis	8021B		1	10522	AT	EET ALB	08/16/24 23:54
Total/NA	Prep	SHAKE			10539	PD	EET ALB	08/19/24 15:30
Total/NA	Analysis	8015M/D		1	10594	KR	EET ALB	08/20/24 18:50
Total/NA	Prep	300_Prep			10592	KB	EET ALB	08/20/24 10:36
Total/NA	Analysis	300.0		20	10616	EH	EET ALB	08/21/24 02:12

Laboratory References:
EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-9936-1

Laboratory: Eurofins Albuquerque

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-26-25

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:

☒ Standard
 ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☒ NELAC
 ☐ Other

☒ EDD (Type)
 ☐ Excel

Turn-Around Time:		☐ Standard ☒ Rush 5 DAY TAT	
Project Name:		Roy swd #3	
Project #: 5375			
Project Manager: W. Kierdorf			
Sampler: J. Martinez			
On Ice: ☒ Yes ☐ No			
# of Coolers: 1		M050	
Cooler Temp (including CP): 0.4 to 0.3 = 0.7			
Date	Time	Matrix	Sample Name
8/13/24	1232	SOIL	TB-B 41
	1234		TB-B42
	1236		TB-B43
	1240		TB-B44
	1214		TB-B46
	1212		TB-B5
	1130		TB-W1
	1132		TB-W2
	1134		TB-W3
	1136		TB-W4
	1138		TB-W5
	1140		TB-W6
Date:	Time:	Relinquished by:	
8/14/24	0830	<i>[Signature]</i>	
Date:	Time:	Relinquished by:	
8/14/24	1900	<i>[Signature]</i>	
Received by:		Via:	Date
<i>[Signature]</i>			8/14/24 0830
Received by:		Via:	Date
<i>[Signature]</i>			8/15/24 0750


**HALL ENVIRONMENTAL
ANALYSIS LABORATORY**


4901 Hawkins NE - Albuquerque, NM 87105

885-9936 COC

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

TPH:8015D(GRO / DRO / MRO)

Chloride (EPA 300)

BTX (8021)

Remarks: Bill to EOG Artesia

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

PAGE 2 OF 3

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:

☒ Standard
 ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☒ NELAC
 ☐ Other

☒ EDD (Type)
 ☐ Excel

Date	Time	Matrix	Sample Name
2/13/24	1142	SOIL	TB-w7
	1146		TB-w8
	1148		TB-w9
	1154		TB-w10
	1156		TB-w11
	1200		TB-w12
	1202		TB-w13
	1204		TB-w14
	1206		TB-w15
	1208		TB-w16
	1210		TB-w17
	1224		TB-B23

Date	Time	Relinquished by
2/14/24	0830	[Signature]
2/14/24	1900	[Signature]

Turn-Around Time:

☐ Standard
 ☒ Rush 5 DAY TAT

Project Name:

Roy SWD #3

Project #: 5375

Project Manager: W. Kierdorf

Sampler: J. Martinez

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (including CF): 6.4 ± 0.3 = 0.7 °C

Container Type and #

1x4oz Jar

Preservative Type

ICE

HEAL No.

N/A

TPH: 8015D(GRO / DRO / MRO)

BTEX (8021)

Chloride (EPA 300)

Remarks: Bill to EOG Artesia

Analysis Request

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975

Fax 505-345-4107

Hall Environmental

Analysis Laboratory

Analysis Request

Analysis Request

Analysis Request

Analysis Request

Analysis Request

Analysis Request

Analysis Request

Analysis Request

Analysis Request

Analysis Request

Analysis Request

Analysis Request

Analysis Request

Login Sample Receipt Checklist

Client: Ranger Environmental Services, Inc

Job Number: 885-9936-1

Login Number: 9936

List Source: Eurofins Albuquerque

List Number: 1

Creator: McQuiston, Steven

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").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	



Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

ANALYTICAL REPORT

PREPARED FOR

Attn: Will Kierdorf
Ranger Environmental Services, Inc
7215 McNeil Drive
PO BOX 201179
Austin, Texas 78729

Generated 9/19/2024 4:01:12 PM

JOB DESCRIPTION

Roy SWD #3

JOB NUMBER

885-11527-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Generated
9/19/2024 4:01:12 PM

Authorized for release by
Andy Freeman, Business Unit Manager
andy.freeman@et.eurofinsus.com
(505)345-3975

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Laboratory Job ID: 885-11527-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	46
QC Association Summary	55
Lab Chronicle	64
Certification Summary	77
Chain of Custody	78
Receipt Checklists	82

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Definitions/Glossary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits

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: Roy SWD #3

Job ID: 885-11527-1

Job ID: 885-11527-1Eurofins Albuquerque

Job Narrative
885-11527-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 9/11/2024 7:50 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 0.8°C.

Gasoline Range Organics

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

GC VOA

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

Diesel Range Organics

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.

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-W4A

Lab Sample ID: 885-11527-1

Date Collected: 09/09/24 09:30

Matrix: Solid

Date Received: 09/11/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/11/24 11:28	09/14/24 07:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)						09/11/24 11:28	09/14/24 07:00	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/11/24 11:28	09/14/24 07:00	1
Ethylbenzene	ND		0.049	mg/Kg		09/11/24 11:28	09/14/24 07:00	1
Toluene	ND		0.049	mg/Kg		09/11/24 11:28	09/14/24 07:00	1
Xylenes, Total	ND		0.099	mg/Kg		09/11/24 11:28	09/14/24 07:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		48 - 145			09/11/24 11:28	09/14/24 07:00	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		09/12/24 15:11	09/16/24 13:20	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		09/12/24 15:11	09/16/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	108		62 - 134			09/12/24 15:11	09/16/24 13:20	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	410		60	mg/Kg		09/13/24 10:05	09/16/24 10:14	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-W6A

Lab Sample ID: 885-11527-2

Date Collected: 09/09/24 09:34

Matrix: Solid

Date Received: 09/11/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/11/24 11:28	09/14/24 07:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)						09/11/24 11:28	09/14/24 07:22	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/11/24 11:28	09/14/24 07:22	1
Ethylbenzene	ND		0.048	mg/Kg		09/11/24 11:28	09/14/24 07:22	1
Toluene	ND		0.048	mg/Kg		09/11/24 11:28	09/14/24 07:22	1
Xylenes, Total	ND		0.096	mg/Kg		09/11/24 11:28	09/14/24 07:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		48 - 145			09/11/24 11:28	09/14/24 07:22	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		09/12/24 15:11	09/16/24 13:44	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		09/12/24 15:11	09/16/24 13:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	104		62 - 134			09/12/24 15:11	09/16/24 13:44	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	71		60	mg/Kg		09/13/24 10:05	09/16/24 10:29	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-W8A

Lab Sample ID: 885-11527-3

Date Collected: 09/09/24 09:36

Matrix: Solid

Date Received: 09/11/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/11/24 11:28	09/14/24 08:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)						09/11/24 11:28	09/14/24 08:06	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/11/24 11:28	09/14/24 08:06	1
Ethylbenzene	ND		0.049	mg/Kg		09/11/24 11:28	09/14/24 08:06	1
Toluene	ND		0.049	mg/Kg		09/11/24 11:28	09/14/24 08:06	1
Xylenes, Total	ND		0.098	mg/Kg		09/11/24 11:28	09/14/24 08:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		48 - 145			09/11/24 11:28	09/14/24 08:06	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		09/12/24 15:11	09/16/24 14:08	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		09/12/24 15:11	09/16/24 14:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	111		62 - 134			09/12/24 15:11	09/16/24 14:08	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110	F1 F2	60	mg/Kg		09/13/24 10:05	09/16/24 10:44	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-W13A

Lab Sample ID: 885-11527-4

Date Collected: 09/09/24 09:40

Matrix: Solid

Date Received: 09/11/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		09/11/24 11:28	09/14/24 08:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)						09/11/24 11:28	09/14/24 08:27	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/11/24 11:28	09/14/24 08:27	1
Ethylbenzene	ND		0.050	mg/Kg		09/11/24 11:28	09/14/24 08:27	1
Toluene	ND		0.050	mg/Kg		09/11/24 11:28	09/14/24 08:27	1
Xylenes, Total	ND		0.099	mg/Kg		09/11/24 11:28	09/14/24 08:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		48 - 145			09/11/24 11:28	09/14/24 08:27	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	35		9.9	mg/Kg		09/12/24 15:11	09/16/24 14:32	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		09/12/24 15:11	09/16/24 14:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	109		62 - 134			09/12/24 15:11	09/16/24 14:32	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	70		60	mg/Kg		09/13/24 10:05	09/16/24 12:15	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-W14A

Lab Sample ID: 885-11527-5

Date Collected: 09/09/24 09:44

Matrix: Solid

Date Received: 09/11/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6	mg/Kg		09/11/24 11:28	09/14/24 08:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)						09/11/24 11:28	09/14/24 08:49	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		09/11/24 11:28	09/14/24 08:49	1
Ethylbenzene	ND		0.046	mg/Kg		09/11/24 11:28	09/14/24 08:49	1
Toluene	ND		0.046	mg/Kg		09/11/24 11:28	09/14/24 08:49	1
Xylenes, Total	ND		0.093	mg/Kg		09/11/24 11:28	09/14/24 08:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		48 - 145			09/11/24 11:28	09/14/24 08:49	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	21		9.6	mg/Kg		09/12/24 15:11	09/16/24 14:55	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		09/12/24 15:11	09/16/24 14:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	112		62 - 134			09/12/24 15:11	09/16/24 14:55	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		09/13/24 10:05	09/16/24 12:30	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-W17A
Date Collected: 09/09/24 09:46
Date Received: 09/11/24 07:50

Lab Sample ID: 885-11527-6
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/11/24 11:28	09/14/24 09:11	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)						09/11/24 11:28	09/14/24 09:11	1	
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.024	mg/Kg		09/11/24 11:28	09/14/24 09:11	1	
Ethylbenzene	ND		0.049	mg/Kg		09/11/24 11:28	09/14/24 09:11	1	
Toluene	ND		0.049	mg/Kg		09/11/24 11:28	09/14/24 09:11	1	
Xylenes, Total	ND		0.098	mg/Kg		09/11/24 11:28	09/14/24 09:11	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	111		48 - 145			09/11/24 11:28	09/14/24 09:11	1	
Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		09/12/24 15:11	09/13/24 22:26	1	
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		09/12/24 15:11	09/13/24 22:26	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	110		62 - 134			09/12/24 15:11	09/13/24 22:26	1	
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	110		60	mg/Kg		09/13/24 10:05	09/16/24 12:45	20	

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B1

Lab Sample ID: 885-11527-7

Date Collected: 09/09/24 10:10

Matrix: Solid

Date Received: 09/11/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		09/11/24 11:28	09/14/24 09:33	1	
Surrogate						Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)						09/11/24 11:28	09/14/24 09:33	1	
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.025	mg/Kg		09/11/24 11:28	09/14/24 09:33	1	
Ethylbenzene	ND		0.050	mg/Kg		09/11/24 11:28	09/14/24 09:33	1	
Toluene	ND		0.050	mg/Kg		09/11/24 11:28	09/14/24 09:33	1	
Xylenes, Total	ND		0.10	mg/Kg		09/11/24 11:28	09/14/24 09:33	1	
Surrogate						Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)						09/11/24 11:28	09/14/24 09:33	1	
Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		09/12/24 15:11	09/13/24 22:39	1	
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		09/12/24 15:11	09/13/24 22:39	1	
Surrogate						Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)						09/12/24 15:11	09/13/24 22:39	1	
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	260		60	mg/Kg		09/13/24 10:05	09/16/24 13:00	20	

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B2

Lab Sample ID: 885-11527-8

Date Collected: 09/09/24 10:12

Matrix: Solid

Date Received: 09/11/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/11/24 11:28	09/14/24 09:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)						09/11/24 11:28	09/14/24 09:55	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/11/24 11:28	09/14/24 09:55	1
Ethylbenzene	ND		0.048	mg/Kg		09/11/24 11:28	09/14/24 09:55	1
Toluene	ND		0.048	mg/Kg		09/11/24 11:28	09/14/24 09:55	1
Xylenes, Total	ND		0.097	mg/Kg		09/11/24 11:28	09/14/24 09:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		48 - 145			09/11/24 11:28	09/14/24 09:55	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		09/12/24 15:11	09/13/24 23:04	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		09/12/24 15:11	09/13/24 23:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			09/12/24 15:11	09/13/24 23:04	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	430		60	mg/Kg		09/13/24 10:05	09/16/24 13:16	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B3

Lab Sample ID: 885-11527-9

Date Collected: 09/09/24 10:14

Matrix: Solid

Date Received: 09/11/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/11/24 11:28	09/14/24 10:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)						09/11/24 11:28	09/14/24 10:17	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/11/24 11:28	09/14/24 10:17	1
Ethylbenzene	ND		0.049	mg/Kg		09/11/24 11:28	09/14/24 10:17	1
Toluene	ND		0.049	mg/Kg		09/11/24 11:28	09/14/24 10:17	1
Xylenes, Total	ND		0.098	mg/Kg		09/11/24 11:28	09/14/24 10:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		48 - 145			09/11/24 11:28	09/14/24 10:17	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2	mg/Kg		09/12/24 15:11	09/13/24 23:17	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		09/12/24 15:11	09/13/24 23:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	95		62 - 134			09/12/24 15:11	09/13/24 23:17	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	270		60	mg/Kg		09/13/24 10:05	09/16/24 13:31	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B4

Lab Sample ID: 885-11527-10

Date Collected: 09/09/24 10:16

Matrix: Solid

Date Received: 09/11/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		09/11/24 11:28	09/14/24 10:39	1	
Surrogate						Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)						09/11/24 11:28	09/14/24 10:39	1	
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.025	mg/Kg		09/11/24 11:28	09/14/24 10:39	1	
Ethylbenzene	ND		0.050	mg/Kg		09/11/24 11:28	09/14/24 10:39	1	
Toluene	ND		0.050	mg/Kg		09/11/24 11:28	09/14/24 10:39	1	
Xylenes, Total	ND		0.10	mg/Kg		09/11/24 11:28	09/14/24 10:39	1	
Surrogate						Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)						09/11/24 11:28	09/14/24 10:39	1	
Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		09/12/24 15:11	09/13/24 23:29	1	
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		09/12/24 15:11	09/13/24 23:29	1	
Surrogate						Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)						09/12/24 15:11	09/13/24 23:29	1	
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	700		60	mg/Kg		09/13/24 10:05	09/16/24 13:46	20	

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B6

Lab Sample ID: 885-11527-11

Date Collected: 09/09/24 10:20

Matrix: Solid

Date Received: 09/11/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/11/24 11:28	09/14/24 11:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)						09/11/24 11:28	09/14/24 11:00	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/11/24 11:28	09/14/24 11:00	1
Ethylbenzene	ND		0.048	mg/Kg		09/11/24 11:28	09/14/24 11:00	1
Toluene	ND		0.048	mg/Kg		09/11/24 11:28	09/14/24 11:00	1
Xylenes, Total	ND		0.096	mg/Kg		09/11/24 11:28	09/14/24 11:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		48 - 145			09/11/24 11:28	09/14/24 11:00	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4	mg/Kg		09/12/24 15:11	09/13/24 23:42	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		09/12/24 15:11	09/13/24 23:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	103		62 - 134			09/12/24 15:11	09/13/24 23:42	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	350		60	mg/Kg		09/13/24 10:05	09/16/24 14:01	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B7
Date Collected: 09/09/24 10:24
Date Received: 09/11/24 07:50

Lab Sample ID: 885-11527-12
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/11/24 11:28	09/14/24 11:22	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)						09/11/24 11:28	09/14/24 11:22	1	
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.024	mg/Kg		09/11/24 11:28	09/14/24 11:22	1	
Ethylbenzene	ND		0.048	mg/Kg		09/11/24 11:28	09/14/24 11:22	1	
Toluene	ND		0.048	mg/Kg		09/11/24 11:28	09/14/24 11:22	1	
Xylenes, Total	ND		0.097	mg/Kg		09/11/24 11:28	09/14/24 11:22	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	108		48 - 145			09/11/24 11:28	09/14/24 11:22	1	
Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		9.3	mg/Kg		09/12/24 15:11	09/13/24 23:54	1	
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		09/12/24 15:11	09/13/24 23:54	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	94		62 - 134			09/12/24 15:11	09/13/24 23:54	1	
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	380	F2	60	mg/Kg		09/13/24 10:05	09/16/24 15:17	20	

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B8

Lab Sample ID: 885-11527-13

Date Collected: 09/09/24 10:26

Matrix: Solid

Date Received: 09/11/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/11/24 13:20	09/16/24 23:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		35 - 166			09/11/24 13:20	09/16/24 23:58	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/11/24 13:20	09/16/24 23:58	1
Ethylbenzene	ND		0.048	mg/Kg		09/11/24 13:20	09/16/24 23:58	1
Toluene	ND		0.048	mg/Kg		09/11/24 13:20	09/16/24 23:58	1
Xylenes, Total	ND		0.096	mg/Kg		09/11/24 13:20	09/16/24 23:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		48 - 145			09/11/24 13:20	09/16/24 23:58	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7	mg/Kg		09/13/24 10:51	09/13/24 15:47	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		09/13/24 10:51	09/13/24 15:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	95		62 - 134			09/13/24 10:51	09/13/24 15:47	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	190		60	mg/Kg		09/13/24 15:01	09/13/24 16:26	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B9

Lab Sample ID: 885-11527-14

Date Collected: 09/09/24 10:30

Matrix: Solid

Date Received: 09/11/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/11/24 13:20	09/17/24 01:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		35 - 166			09/11/24 13:20	09/17/24 01:09	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/11/24 13:20	09/17/24 01:09	1
Ethylbenzene	ND		0.049	mg/Kg		09/11/24 13:20	09/17/24 01:09	1
Toluene	ND		0.049	mg/Kg		09/11/24 13:20	09/17/24 01:09	1
Xylenes, Total	ND		0.097	mg/Kg		09/11/24 13:20	09/17/24 01:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		48 - 145			09/11/24 13:20	09/17/24 01:09	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2	mg/Kg		09/13/24 10:51	09/13/24 16:00	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		09/13/24 10:51	09/13/24 16:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	85		62 - 134			09/13/24 10:51	09/13/24 16:00	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	380		60	mg/Kg		09/13/24 15:01	09/13/24 16:41	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B-10A

Lab Sample ID: 885-11527-15

Date Collected: 09/09/24 10:34

Matrix: Solid

Date Received: 09/11/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		09/11/24 13:20	09/17/24 01:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		35 - 166			09/11/24 13:20	09/17/24 01:32	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		09/11/24 13:20	09/17/24 01:32	1
Ethylbenzene	ND		0.047	mg/Kg		09/11/24 13:20	09/17/24 01:32	1
Toluene	ND		0.047	mg/Kg		09/11/24 13:20	09/17/24 01:32	1
Xylenes, Total	ND		0.094	mg/Kg		09/11/24 13:20	09/17/24 01:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		48 - 145			09/11/24 13:20	09/17/24 01:32	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2	mg/Kg		09/13/24 10:51	09/13/24 16:12	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		09/13/24 10:51	09/13/24 16:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	92		62 - 134			09/13/24 10:51	09/13/24 16:12	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		60	mg/Kg		09/13/24 15:01	09/13/24 16:56	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B11
Date Collected: 09/09/24 10:36
Date Received: 09/11/24 07:50

Lab Sample ID: 885-11527-16
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6	mg/Kg		09/11/24 13:20	09/17/24 01:55	1
Surrogate								
4-Bromofluorobenzene (Surr)	104		35 - 166			09/11/24 13:20	09/17/24 01:55	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		09/11/24 13:20	09/17/24 01:55	1
Ethylbenzene	ND		0.046	mg/Kg		09/11/24 13:20	09/17/24 01:55	1
Toluene	ND		0.046	mg/Kg		09/11/24 13:20	09/17/24 01:55	1
Xylenes, Total	ND		0.093	mg/Kg		09/11/24 13:20	09/17/24 01:55	1
Surrogate								
4-Bromofluorobenzene (Surr)	91		48 - 145			09/11/24 13:20	09/17/24 01:55	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4	mg/Kg		09/13/24 10:51	09/13/24 16:24	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		09/13/24 10:51	09/13/24 16:24	1
Surrogate								
Di-n-octyl phthalate (Surr)	94		62 - 134			09/13/24 10:51	09/13/24 16:24	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	600		60	mg/Kg		09/13/24 15:01	09/13/24 17:11	20

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B12

Lab Sample ID: 885-11527-17

Date Collected: 09/09/24 10:38

Matrix: Solid

Date Received: 09/11/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/11/24 13:20	09/17/24 02:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		35 - 166			09/11/24 13:20	09/17/24 02:19	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/11/24 13:20	09/17/24 02:19	1
Ethylbenzene	ND		0.049	mg/Kg		09/11/24 13:20	09/17/24 02:19	1
Toluene	ND		0.049	mg/Kg		09/11/24 13:20	09/17/24 02:19	1
Xylenes, Total	ND		0.099	mg/Kg		09/11/24 13:20	09/17/24 02:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		48 - 145			09/11/24 13:20	09/17/24 02:19	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		09/13/24 10:51	09/13/24 16:36	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		09/13/24 10:51	09/13/24 16:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			09/13/24 10:51	09/13/24 16:36	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	270	F2	60	mg/Kg		09/13/24 15:01	09/13/24 17:26	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B13

Lab Sample ID: 885-11527-18

Date Collected: 09/09/24 10:40

Matrix: Solid

Date Received: 09/11/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6	mg/Kg		09/11/24 13:20	09/17/24 02:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		35 - 166			09/11/24 13:20	09/17/24 02:42	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		09/11/24 13:20	09/17/24 02:42	1
Ethylbenzene	ND		0.046	mg/Kg		09/11/24 13:20	09/17/24 02:42	1
Toluene	ND		0.046	mg/Kg		09/11/24 13:20	09/17/24 02:42	1
Xylenes, Total	ND		0.092	mg/Kg		09/11/24 13:20	09/17/24 02:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		48 - 145			09/11/24 13:20	09/17/24 02:42	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		09/13/24 10:51	09/13/24 16:48	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		09/13/24 10:51	09/13/24 16:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	93		62 - 134			09/13/24 10:51	09/13/24 16:48	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		09/13/24 15:01	09/13/24 18:42	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B14

Lab Sample ID: 885-11527-19

Date Collected: 09/09/24 10:44

Matrix: Solid

Date Received: 09/11/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/11/24 13:20	09/17/24 03:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		35 - 166			09/11/24 13:20	09/17/24 03:06	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/11/24 13:20	09/17/24 03:06	1
Ethylbenzene	ND		0.048	mg/Kg		09/11/24 13:20	09/17/24 03:06	1
Toluene	ND		0.048	mg/Kg		09/11/24 13:20	09/17/24 03:06	1
Xylenes, Total	ND		0.096	mg/Kg		09/11/24 13:20	09/17/24 03:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		48 - 145			09/11/24 13:20	09/17/24 03:06	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		09/13/24 10:51	09/13/24 17:00	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		09/13/24 10:51	09/13/24 17:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	95		62 - 134			09/13/24 10:51	09/13/24 17:00	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	950		60	mg/Kg		09/13/24 15:01	09/13/24 18:57	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B15

Lab Sample ID: 885-11527-20

Date Collected: 09/09/24 10:48

Matrix: Solid

Date Received: 09/11/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		09/11/24 13:20	09/17/24 03:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		35 - 166			09/11/24 13:20	09/17/24 03:29	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/11/24 13:20	09/17/24 03:29	1
Ethylbenzene	ND		0.050	mg/Kg		09/11/24 13:20	09/17/24 03:29	1
Toluene	ND		0.050	mg/Kg		09/11/24 13:20	09/17/24 03:29	1
Xylenes, Total	ND		0.099	mg/Kg		09/11/24 13:20	09/17/24 03:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		48 - 145			09/11/24 13:20	09/17/24 03:29	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1	mg/Kg		09/13/24 10:51	09/13/24 17:12	1
Motor Oil Range Organics [C28-C40]	ND		45	mg/Kg		09/13/24 10:51	09/13/24 17:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	97		62 - 134			09/13/24 10:51	09/13/24 17:12	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	180		60	mg/Kg		09/13/24 15:01	09/13/24 19:13	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B16

Lab Sample ID: 885-11527-21

Date Collected: 09/09/24 10:54

Matrix: Solid

Date Received: 09/11/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/11/24 13:20	09/17/24 03:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		35 - 166			09/11/24 13:20	09/17/24 03:53	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/11/24 13:20	09/17/24 03:53	1
Ethylbenzene	ND		0.049	mg/Kg		09/11/24 13:20	09/17/24 03:53	1
Toluene	ND		0.049	mg/Kg		09/11/24 13:20	09/17/24 03:53	1
Xylenes, Total	ND		0.097	mg/Kg		09/11/24 13:20	09/17/24 03:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		48 - 145			09/11/24 13:20	09/17/24 03:53	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3	mg/Kg		09/13/24 10:51	09/13/24 17:25	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		09/13/24 10:51	09/13/24 17:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	103		62 - 134			09/13/24 10:51	09/13/24 17:25	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91		60	mg/Kg		09/13/24 15:01	09/13/24 19:28	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B17
Date Collected: 09/09/24 10:56
Date Received: 09/11/24 07:50

Lab Sample ID: 885-11527-22
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		4.6	mg/Kg		09/11/24 13:20	09/17/24 04:40	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	103		35 - 166			09/11/24 13:20	09/17/24 04:40	1	
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.023	mg/Kg		09/11/24 13:20	09/17/24 04:40	1	
Ethylbenzene	ND		0.046	mg/Kg		09/11/24 13:20	09/17/24 04:40	1	
Toluene	ND		0.046	mg/Kg		09/11/24 13:20	09/17/24 04:40	1	
Xylenes, Total	ND		0.093	mg/Kg		09/11/24 13:20	09/17/24 04:40	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	91		48 - 145			09/11/24 13:20	09/17/24 04:40	1	
Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		9.7	mg/Kg		09/13/24 10:51	09/13/24 17:37	1	
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		09/13/24 10:51	09/13/24 17:37	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	113		62 - 134			09/13/24 10:51	09/13/24 17:37	1	
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	82		60	mg/Kg		09/13/24 15:01	09/13/24 19:43	20	

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B18

Lab Sample ID: 885-11527-23

Date Collected: 09/09/24 11:00

Matrix: Solid

Date Received: 09/11/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/11/24 13:20	09/17/24 05:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		35 - 166			09/11/24 13:20	09/17/24 05:03	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/11/24 13:20	09/17/24 05:03	1
Ethylbenzene	ND		0.048	mg/Kg		09/11/24 13:20	09/17/24 05:03	1
Toluene	ND		0.048	mg/Kg		09/11/24 13:20	09/17/24 05:03	1
Xylenes, Total	ND		0.096	mg/Kg		09/11/24 13:20	09/17/24 05:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		48 - 145			09/11/24 13:20	09/17/24 05:03	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		09/13/24 10:51	09/13/24 18:03	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		09/13/24 10:51	09/13/24 18:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			09/13/24 10:51	09/13/24 18:03	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	63		60	mg/Kg		09/13/24 15:01	09/13/24 19:58	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B-19A
Date Collected: 09/09/24 11:10
Date Received: 09/11/24 07:50

Lab Sample ID: 885-11527-24
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		09/11/24 13:20	09/17/24 05:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		35 - 166			09/11/24 13:20	09/17/24 05:26	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/11/24 13:20	09/17/24 05:26	1
Ethylbenzene	ND		0.047	mg/Kg		09/11/24 13:20	09/17/24 05:26	1
Toluene	ND		0.047	mg/Kg		09/11/24 13:20	09/17/24 05:26	1
Xylenes, Total	ND		0.094	mg/Kg		09/11/24 13:20	09/17/24 05:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		48 - 145			09/11/24 13:20	09/17/24 05:26	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2	mg/Kg		09/13/24 10:51	09/13/24 18:15	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		09/13/24 10:51	09/13/24 18:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	116		62 - 134			09/13/24 10:51	09/13/24 18:15	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	78		60	mg/Kg		09/13/24 15:01	09/13/24 20:13	20

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B-20A

Lab Sample ID: 885-11527-25

Date Collected: 09/09/24 11:14

Matrix: Solid

Date Received: 09/11/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/11/24 13:20	09/17/24 05:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		35 - 166			09/11/24 13:20	09/17/24 05:50	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/11/24 13:20	09/17/24 05:50	1
Ethylbenzene	ND		0.048	mg/Kg		09/11/24 13:20	09/17/24 05:50	1
Toluene	ND		0.048	mg/Kg		09/11/24 13:20	09/17/24 05:50	1
Xylenes, Total	ND		0.095	mg/Kg		09/11/24 13:20	09/17/24 05:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		48 - 145			09/11/24 13:20	09/17/24 05:50	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.8	mg/Kg		09/13/24 10:51	09/13/24 18:28	1
Motor Oil Range Organics [C28-C40]	ND		44	mg/Kg		09/13/24 10:51	09/13/24 18:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	92		62 - 134			09/13/24 10:51	09/13/24 18:28	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	830		60	mg/Kg		09/13/24 15:01	09/13/24 20:28	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B21

Lab Sample ID: 885-11527-26

Date Collected: 09/09/24 11:20

Matrix: Solid

Date Received: 09/11/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		09/11/24 13:20	09/17/24 06:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		35 - 166			09/11/24 13:20	09/17/24 06:13	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/11/24 13:20	09/17/24 06:13	1
Ethylbenzene	ND		0.050	mg/Kg		09/11/24 13:20	09/17/24 06:13	1
Toluene	ND		0.050	mg/Kg		09/11/24 13:20	09/17/24 06:13	1
Xylenes, Total	ND		0.099	mg/Kg		09/11/24 13:20	09/17/24 06:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		48 - 145			09/11/24 13:20	09/17/24 06:13	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.0	mg/Kg		09/13/24 10:51	09/13/24 18:41	1
Motor Oil Range Organics [C28-C40]	ND		45	mg/Kg		09/13/24 10:51	09/13/24 18:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	93		62 - 134			09/13/24 10:51	09/13/24 18:41	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		09/13/24 15:01	09/13/24 21:44	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B22

Lab Sample ID: 885-11527-27

Date Collected: 09/09/24 11:22

Matrix: Solid

Date Received: 09/11/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/11/24 13:20	09/17/24 06:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		35 - 166			09/11/24 13:20	09/17/24 06:37	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/11/24 13:20	09/17/24 06:37	1
Ethylbenzene	ND		0.048	mg/Kg		09/11/24 13:20	09/17/24 06:37	1
Toluene	ND		0.048	mg/Kg		09/11/24 13:20	09/17/24 06:37	1
Xylenes, Total	ND		0.096	mg/Kg		09/11/24 13:20	09/17/24 06:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		48 - 145			09/11/24 13:20	09/17/24 06:37	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2	mg/Kg		09/13/24 10:51	09/13/24 18:53	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		09/13/24 10:51	09/13/24 18:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	92		62 - 134			09/13/24 10:51	09/13/24 18:53	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	160		60	mg/Kg		09/16/24 07:46	09/16/24 08:51	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B-23A

Lab Sample ID: 885-11527-28

Date Collected: 09/09/24 11:26

Matrix: Solid

Date Received: 09/11/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/11/24 13:20	09/17/24 07:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		35 - 166			09/11/24 13:20	09/17/24 07:00	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/11/24 13:20	09/17/24 07:00	1
Ethylbenzene	ND		0.049	mg/Kg		09/11/24 13:20	09/17/24 07:00	1
Toluene	ND		0.049	mg/Kg		09/11/24 13:20	09/17/24 07:00	1
Xylenes, Total	ND		0.099	mg/Kg		09/11/24 13:20	09/17/24 07:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		48 - 145			09/11/24 13:20	09/17/24 07:00	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7	mg/Kg		09/13/24 10:51	09/13/24 19:06	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		09/13/24 10:51	09/13/24 19:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			09/13/24 10:51	09/13/24 19:06	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	670		60	mg/Kg		09/16/24 07:46	09/16/24 09:29	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B26

Lab Sample ID: 885-11527-29

Date Collected: 09/09/24 11:30

Matrix: Solid

Date Received: 09/11/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		09/11/24 13:20	09/17/24 07:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		35 - 166			09/11/24 13:20	09/17/24 07:24	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		09/11/24 13:20	09/17/24 07:24	1
Ethylbenzene	ND		0.047	mg/Kg		09/11/24 13:20	09/17/24 07:24	1
Toluene	ND		0.047	mg/Kg		09/11/24 13:20	09/17/24 07:24	1
Xylenes, Total	ND		0.093	mg/Kg		09/11/24 13:20	09/17/24 07:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		48 - 145			09/11/24 13:20	09/17/24 07:24	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		09/13/24 10:51	09/13/24 19:18	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		09/13/24 10:51	09/13/24 19:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			09/13/24 10:51	09/13/24 19:18	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	150		60	mg/Kg		09/16/24 07:46	09/16/24 10:08	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B27

Lab Sample ID: 885-11527-30

Date Collected: 09/09/24 11:40

Matrix: Solid

Date Received: 09/11/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/11/24 13:20	09/17/24 07:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		35 - 166			09/11/24 13:20	09/17/24 07:47	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/11/24 13:20	09/17/24 07:47	1
Ethylbenzene	ND		0.048	mg/Kg		09/11/24 13:20	09/17/24 07:47	1
Toluene	ND		0.048	mg/Kg		09/11/24 13:20	09/17/24 07:47	1
Xylenes, Total	ND		0.097	mg/Kg		09/11/24 13:20	09/17/24 07:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		48 - 145			09/11/24 13:20	09/17/24 07:47	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		09/13/24 10:51	09/13/24 19:31	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		09/13/24 10:51	09/13/24 19:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			09/13/24 10:51	09/13/24 19:31	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	200		60	mg/Kg		09/16/24 07:46	09/16/24 10:21	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B28

Lab Sample ID: 885-11527-31

Date Collected: 09/09/24 11:42

Matrix: Solid

Date Received: 09/11/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/11/24 13:20	09/17/24 08:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		35 - 166			09/11/24 13:20	09/17/24 08:11	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/11/24 13:20	09/17/24 08:11	1
Ethylbenzene	ND		0.048	mg/Kg		09/11/24 13:20	09/17/24 08:11	1
Toluene	ND		0.048	mg/Kg		09/11/24 13:20	09/17/24 08:11	1
Xylenes, Total	ND		0.096	mg/Kg		09/11/24 13:20	09/17/24 08:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		48 - 145			09/11/24 13:20	09/17/24 08:11	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		09/13/24 10:51	09/13/24 19:43	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		09/13/24 10:51	09/13/24 19:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	95		62 - 134			09/13/24 10:51	09/13/24 19:43	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	250		60	mg/Kg		09/16/24 07:46	09/16/24 10:59	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B29

Lab Sample ID: 885-11527-32

Date Collected: 09/09/24 12:00

Matrix: Solid

Date Received: 09/11/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/11/24 16:09	09/17/24 22:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			09/11/24 16:09	09/17/24 22:31	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/11/24 16:09	09/17/24 22:31	1
Ethylbenzene	ND		0.049	mg/Kg		09/11/24 16:09	09/17/24 22:31	1
Toluene	ND		0.049	mg/Kg		09/11/24 16:09	09/17/24 22:31	1
Xylenes, Total	ND		0.098	mg/Kg		09/11/24 16:09	09/17/24 22:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		48 - 145			09/11/24 16:09	09/17/24 22:31	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		09/13/24 13:24	09/16/24 16:07	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		09/13/24 13:24	09/16/24 16:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	97		62 - 134			09/13/24 13:24	09/16/24 16:07	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	240		60	mg/Kg		09/16/24 07:46	09/16/24 11:12	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B30

Lab Sample ID: 885-11527-33

Date Collected: 09/09/24 12:02

Matrix: Solid

Date Received: 09/11/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/11/24 16:09	09/17/24 23:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			09/11/24 16:09	09/17/24 23:41	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/11/24 16:09	09/17/24 23:41	1
Ethylbenzene	ND		0.049	mg/Kg		09/11/24 16:09	09/17/24 23:41	1
Toluene	ND		0.049	mg/Kg		09/11/24 16:09	09/17/24 23:41	1
Xylenes, Total	ND		0.099	mg/Kg		09/11/24 16:09	09/17/24 23:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		48 - 145			09/11/24 16:09	09/17/24 23:41	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		09/13/24 13:24	09/16/24 16:18	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		09/13/24 13:24	09/16/24 16:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	98		62 - 134			09/13/24 13:24	09/16/24 16:18	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	270		60	mg/Kg		09/16/24 07:46	09/16/24 11:25	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B31

Lab Sample ID: 885-11527-34

Date Collected: 09/09/24 12:04

Matrix: Solid

Date Received: 09/11/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		09/11/24 16:09	09/18/24 00:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		35 - 166			09/11/24 16:09	09/18/24 00:52	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/11/24 16:09	09/18/24 00:52	1
Ethylbenzene	ND		0.048	mg/Kg		09/11/24 16:09	09/18/24 00:52	1
Toluene	ND		0.048	mg/Kg		09/11/24 16:09	09/18/24 00:52	1
Xylenes, Total	ND		0.097	mg/Kg		09/11/24 16:09	09/18/24 00:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		48 - 145			09/11/24 16:09	09/18/24 00:52	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		09/13/24 13:24	09/16/24 16:28	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		09/13/24 13:24	09/16/24 16:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	100		62 - 134			09/13/24 13:24	09/16/24 16:28	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	290		61	mg/Kg		09/16/24 08:10	09/16/24 15:17	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B32

Lab Sample ID: 885-11527-35

Date Collected: 09/09/24 12:06

Matrix: Solid

Date Received: 09/11/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		09/11/24 16:09	09/18/24 01:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		35 - 166			09/11/24 16:09	09/18/24 01:15	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/11/24 16:09	09/18/24 01:15	1
Ethylbenzene	ND		0.049	mg/Kg		09/11/24 16:09	09/18/24 01:15	1
Toluene	ND		0.049	mg/Kg		09/11/24 16:09	09/18/24 01:15	1
Xylenes, Total	ND		0.099	mg/Kg		09/11/24 16:09	09/18/24 01:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		48 - 145			09/11/24 16:09	09/18/24 01:15	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		09/13/24 13:24	09/16/24 16:39	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		09/13/24 13:24	09/16/24 16:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	102		62 - 134			09/13/24 13:24	09/16/24 16:39	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	290		60	mg/Kg		09/16/24 08:10	09/16/24 16:22	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B33
Date Collected: 09/09/24 12:08
Date Received: 09/11/24 07:50

Lab Sample ID: 885-11527-36
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		09/11/24 16:09	09/18/24 01:39	1
Surrogate								
4-Bromofluorobenzene (Surr)	97		35 - 166			09/11/24 16:09	09/18/24 01:39	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		09/11/24 16:09	09/18/24 01:39	1
Ethylbenzene	ND		0.047	mg/Kg		09/11/24 16:09	09/18/24 01:39	1
Toluene	ND		0.047	mg/Kg		09/11/24 16:09	09/18/24 01:39	1
Xylenes, Total	ND		0.095	mg/Kg		09/11/24 16:09	09/18/24 01:39	1
Surrogate								
4-Bromofluorobenzene (Surr)	83		48 - 145			09/11/24 16:09	09/18/24 01:39	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.6	mg/Kg		09/13/24 13:24	09/16/24 16:50	1
Motor Oil Range Organics [C28-C40]	ND		43	mg/Kg		09/13/24 13:24	09/16/24 16:50	1
Surrogate								
Di-n-octyl phthalate (Surr)	100		62 - 134			09/13/24 13:24	09/16/24 16:50	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		09/16/24 08:10	09/16/24 17:00	20

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B34

Lab Sample ID: 885-11527-37

Date Collected: 09/09/24 12:10

Matrix: Solid

Date Received: 09/11/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		09/11/24 16:09	09/18/24 02:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		35 - 166			09/11/24 16:09	09/18/24 02:02	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/11/24 16:09	09/18/24 02:02	1
Ethylbenzene	ND		0.050	mg/Kg		09/11/24 16:09	09/18/24 02:02	1
Toluene	ND		0.050	mg/Kg		09/11/24 16:09	09/18/24 02:02	1
Xylenes, Total	ND		0.10	mg/Kg		09/11/24 16:09	09/18/24 02:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		48 - 145			09/11/24 16:09	09/18/24 02:02	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		09/13/24 13:24	09/16/24 17:01	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		09/13/24 13:24	09/16/24 17:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			09/13/24 13:24	09/16/24 17:01	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	500		60	mg/Kg		09/16/24 08:10	09/16/24 17:13	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B35

Lab Sample ID: 885-11527-38

Date Collected: 09/09/24 12:14

Matrix: Solid

Date Received: 09/11/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		09/11/24 16:09	09/18/24 02:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		35 - 166			09/11/24 16:09	09/18/24 02:26	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/11/24 16:09	09/18/24 02:26	1
Ethylbenzene	ND		0.050	mg/Kg		09/11/24 16:09	09/18/24 02:26	1
Toluene	ND		0.050	mg/Kg		09/11/24 16:09	09/18/24 02:26	1
Xylenes, Total	ND		0.10	mg/Kg		09/11/24 16:09	09/18/24 02:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		48 - 145			09/11/24 16:09	09/18/24 02:26	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		09/13/24 13:24	09/16/24 17:12	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		09/13/24 13:24	09/16/24 17:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	104		62 - 134			09/13/24 13:24	09/16/24 17:12	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1600		60	mg/Kg		09/16/24 08:10	09/16/24 17:26	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B36
Date Collected: 09/09/24 12:16
Date Received: 09/11/24 07:50

Lab Sample ID: 885-11527-39
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		09/11/24 16:09	09/18/24 02:49	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	96		35 - 166			09/11/24 16:09	09/18/24 02:49	1	

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.024	mg/Kg		09/11/24 16:09	09/18/24 02:49	1	
Ethylbenzene	ND		0.047	mg/Kg		09/11/24 16:09	09/18/24 02:49	1	
Toluene	ND		0.047	mg/Kg		09/11/24 16:09	09/18/24 02:49	1	
Xylenes, Total	ND		0.094	mg/Kg		09/11/24 16:09	09/18/24 02:49	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	84		48 - 145			09/11/24 16:09	09/18/24 02:49	1	

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		9.3	mg/Kg		09/13/24 13:24	09/16/24 17:22	1	
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		09/13/24 13:24	09/16/24 17:22	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	95		62 - 134			09/13/24 13:24	09/16/24 17:22	1	

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	1300		60	mg/Kg		09/16/24 08:10	09/16/24 17:39	20	

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B37

Lab Sample ID: 885-11527-40

Date Collected: 09/09/24 12:18

Matrix: Solid

Date Received: 09/11/24 07:50

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6	mg/Kg		09/11/24 16:09	09/18/24 03:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			09/11/24 16:09	09/18/24 03:13	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		09/11/24 16:09	09/18/24 03:13	1
Ethylbenzene	ND		0.046	mg/Kg		09/11/24 16:09	09/18/24 03:13	1
Toluene	ND		0.046	mg/Kg		09/11/24 16:09	09/18/24 03:13	1
Xylenes, Total	ND		0.093	mg/Kg		09/11/24 16:09	09/18/24 03:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		48 - 145			09/11/24 16:09	09/18/24 03:13	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2	mg/Kg		09/13/24 13:24	09/16/24 17:44	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		09/13/24 13:24	09/16/24 17:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	93		62 - 134			09/13/24 13:24	09/16/24 17:44	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1600		60	mg/Kg		09/16/24 08:10	09/16/24 17:52	20

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-12010/1-A

Matrix: Solid

Analysis Batch: 12296

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12010

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		09/11/24 11:28	09/14/24 02:17	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)						09/11/24 11:28	09/14/24 02:17	1

Lab Sample ID: LCS 885-12010/2-A

Matrix: Solid

Analysis Batch: 12296

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12010

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	25.0	26.6		mg/Kg		106	70 - 130

Lab Sample ID: MB 885-12049/1-A

Matrix: Solid

Analysis Batch: 12323

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12049

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		09/11/24 13:20	09/16/24 22:25	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		35 - 166			09/11/24 13:20	09/16/24 22:25	1

Lab Sample ID: LCS 885-12049/2-A

Matrix: Solid

Analysis Batch: 12323

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12049

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	25.0	23.6		mg/Kg		95	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	207		35 - 166				

Lab Sample ID: MB 885-12079/1-A

Matrix: Solid

Analysis Batch: 12422

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12079

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		09/11/24 16:09	09/17/24 22:08	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		35 - 166			09/11/24 16:09	09/17/24 22:08	1

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: LCS 885-12079/2-A

Matrix: Solid

Analysis Batch: 12422

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12079

Analyte			Spike	LCS	LCS			%Rec		
			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10			25.0	23.2		mg/Kg		93	70 - 130	
		LCS		LCS						
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	205		35 - 166							

Lab Sample ID: 885-11527-32 MS

Matrix: Solid

Analysis Batch: 12422

Client Sample ID: TB-B29

Prep Type: Total/NA

Prep Batch: 12079

	Sample	Sample	Spike	MS	MS			%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	ND		24.3	21.9		mg/Kg		90	70 - 130	
Surrogate	MS %Recovery	MS Qualifier	Limits							
4-Bromofluorobenzene (Surr)	199		35 - 166							

Lab Sample ID: 885-11527-32 MSD

Matrix: Solid

Analysis Batch: 12422

Client Sample ID: TB-B29

Prep Type: Total/NA

Prep Batch: 12079

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	ND		24.3	20.3		mg/Kg		84	70 - 130	7	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	192		35 - 166								

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-12010/1-A

Matrix: Solid

Analysis Batch: 12297

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12010

	MB	MB							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.025	mg/Kg		09/11/24 11:28	09/14/24 02:17		1
Ethylbenzene	ND		0.050	mg/Kg		09/11/24 11:28	09/14/24 02:17		1
Toluene	ND		0.050	mg/Kg		09/11/24 11:28	09/14/24 02:17		1
Xylenes, Total	ND		0.10	mg/Kg		09/11/24 11:28	09/14/24 02:17		1
	MB	MB							
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	106		48 - 145			09/11/24 11:28	09/14/24 02:17		1

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

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

Lab Sample ID: LCS 885-12010/3-A

Matrix: Solid

Analysis Batch: 12297

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12010

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	1.05		mg/Kg		105	70 - 130
Ethylbenzene	1.00	1.06		mg/Kg		106	70 - 130
Toluene	1.00	1.07		mg/Kg		107	70 - 130
m-Xylene & p-Xylene	2.00	2.12		mg/Kg		106	70 - 130
o-Xylene	1.00	1.04		mg/Kg		104	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		48 - 145

Lab Sample ID: MB 885-12049/1-A

Matrix: Solid

Analysis Batch: 12324

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12049

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/11/24 13:20	09/16/24 22:25	1
Ethylbenzene	ND		0.050	mg/Kg		09/11/24 13:20	09/16/24 22:25	1
Toluene	ND		0.050	mg/Kg		09/11/24 13:20	09/16/24 22:25	1
Xylenes, Total	ND		0.10	mg/Kg		09/11/24 13:20	09/16/24 22:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		48 - 145	09/11/24 13:20	09/16/24 22:25	1

Lab Sample ID: LCS 885-12049/3-A

Matrix: Solid

Analysis Batch: 12324

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12049

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.865		mg/Kg		86	70 - 130
Ethylbenzene	1.00	0.804		mg/Kg		80	70 - 130
Toluene	1.00	0.812		mg/Kg		81	70 - 130
m-Xylene & p-Xylene	2.00	1.61		mg/Kg		80	70 - 130
o-Xylene	1.00	0.768		mg/Kg		77	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		48 - 145

Lab Sample ID: 885-11527-13 MS

Matrix: Solid

Analysis Batch: 12324

Client Sample ID: TB-B8

Prep Type: Total/NA

Prep Batch: 12049

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.954	0.771		mg/Kg		81	70 - 130
Ethylbenzene	ND		0.954	0.727		mg/Kg		76	70 - 130
Toluene	ND		0.954	0.740		mg/Kg		78	70 - 130
m-Xylene & p-Xylene	ND		1.91	1.45		mg/Kg		75	70 - 130
o-Xylene	ND		0.954	0.684		mg/Kg		72	70 - 130

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

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

Lab Sample ID: 885-11527-13 MS

Matrix: Solid

Analysis Batch: 12324

Client Sample ID: TB-B8

Prep Type: Total/NA

Prep Batch: 12049

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		48 - 145

Lab Sample ID: 885-11527-13 MSD

Matrix: Solid

Analysis Batch: 12324

Client Sample ID: TB-B8

Prep Type: Total/NA

Prep Batch: 12049

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.960	0.797		mg/Kg		83	70 - 130	3	20
Ethylbenzene	ND		0.960	0.737		mg/Kg		77	70 - 130	1	20
Toluene	ND		0.960	0.757		mg/Kg		79	70 - 130	2	20
m-Xylene & p-Xylene	ND		1.92	1.48		mg/Kg		76	70 - 130	2	20
o-Xylene	ND		0.960	0.710		mg/Kg		74	70 - 130	4	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		48 - 145

Lab Sample ID: MB 885-12079/1-A

Matrix: Solid

Analysis Batch: 12423

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12079

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/11/24 16:09	09/17/24 22:08	1
Ethylbenzene	ND		0.050	mg/Kg		09/11/24 16:09	09/17/24 22:08	1
Toluene	ND		0.050	mg/Kg		09/11/24 16:09	09/17/24 22:08	1
Xylenes, Total	ND		0.10	mg/Kg		09/11/24 16:09	09/17/24 22:08	1

	MB	MB		Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		48 - 145	09/11/24 16:09	09/17/24 22:08	1

Lab Sample ID: LCS 885-12079/3-A

Matrix: Solid

Analysis Batch: 12423

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12079

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.860		mg/Kg		86	70 - 130
Ethylbenzene	1.00	0.801		mg/Kg		80	70 - 130
Toluene	1.00	0.812		mg/Kg		81	70 - 130
m-Xylene & p-Xylene	2.00	1.64		mg/Kg		82	70 - 130
o-Xylene	1.00	0.764		mg/Kg		76	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	87		48 - 145

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

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

Lab Sample ID: 885-11527-33 MS

Matrix: Solid

Analysis Batch: 12423

Client Sample ID: TB-B30

Prep Type: Total/NA

Prep Batch: 12079

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.986	0.785		mg/Kg		80	70 - 130
Ethylbenzene	ND		0.986	0.744		mg/Kg		75	70 - 130
Toluene	ND		0.986	0.754		mg/Kg		77	70 - 130
m-Xylene & p-Xylene	ND		1.97	1.49		mg/Kg		74	70 - 130
o-Xylene	ND		0.986	0.715		mg/Kg		73	70 - 130
	MS	MS							
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	86		48 - 145						

Lab Sample ID: 885-11527-33 MSD

Matrix: Solid

Analysis Batch: 12423

Client Sample ID: TB-B30

Prep Type: Total/NA

Prep Batch: 12079

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.981	0.763		mg/Kg		78	70 - 130	3	20
Ethylbenzene	ND		0.981	0.722		mg/Kg		74	70 - 130	3	20
Toluene	ND		0.981	0.736		mg/Kg		75	70 - 130	2	20
m-Xylene & p-Xylene	ND		1.96	1.47		mg/Kg		73	70 - 130	1	20
o-Xylene	ND		0.981	0.691		mg/Kg		70	70 - 130	3	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	86		48 - 145								

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-12145/1-A

Matrix: Solid

Analysis Batch: 12209

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12145

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		09/12/24 15:11	09/13/24 20:21	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		09/12/24 15:11	09/13/24 20:21	1
	MB	MB						
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	105		62 - 134			09/12/24 15:11	09/13/24 20:21	1

Lab Sample ID: LCS 885-12145/2-A

Matrix: Solid

Analysis Batch: 12209

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12145

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	56.2		mg/Kg		112	60 - 135
	LCS	LCS					
Surrogate	%Recovery	Qualifier	Limits				
Di-n-octyl phthalate (Surr)	115		62 - 134				

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 885-12222/1-A

Matrix: Solid

Analysis Batch: 12209

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12222

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		09/13/24 10:51	09/13/24 15:11	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		09/13/24 10:51	09/13/24 15:11	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	93		62 - 134			09/13/24 10:51	09/13/24 15:11	1

Lab Sample ID: LCS 885-12222/2-A

Matrix: Solid

Analysis Batch: 12209

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12222

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	38.7		mg/Kg		77	60 - 135
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	84		62 - 134				

Lab Sample ID: 885-11527-31 MS

Matrix: Solid

Analysis Batch: 12209

Client Sample ID: TB-B28

Prep Type: Total/NA

Prep Batch: 12222

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	ND		46.4	43.1		mg/Kg		93	44 - 136
Surrogate	MS %Recovery	MS Qualifier	Limits						
Di-n-octyl phthalate (Surr)	101		62 - 134						

Lab Sample ID: 885-11527-31 MSD

Matrix: Solid

Analysis Batch: 12209

Client Sample ID: TB-B28

Prep Type: Total/NA

Prep Batch: 12222

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		49.8	43.1		mg/Kg		87	44 - 136	0	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	98		62 - 134								

Lab Sample ID: MB 885-12236/1-A

Matrix: Solid

Analysis Batch: 12287

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12236

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		09/13/24 13:24	09/16/24 15:45	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		09/13/24 13:24	09/16/24 15:45	1

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 885-12236/1-A

Matrix: Solid

Analysis Batch: 12287

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12236

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134	09/13/24 13:24	09/16/24 15:45	1

Lab Sample ID: LCS 885-12236/2-A

Matrix: Solid

Analysis Batch: 12287

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12236

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	41.6		mg/Kg		83	60 - 135
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	93		62 - 134				

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-12213/1-A

Matrix: Solid

Analysis Batch: 12227

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12213

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0	mg/Kg		09/13/24 10:05	09/13/24 16:10	1

Lab Sample ID: MB 885-12213/1-A

Matrix: Solid

Analysis Batch: 12355

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12213

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0	mg/Kg		09/13/24 10:05	09/16/24 09:13	1

Lab Sample ID: LCS 885-12213/2-A

Matrix: Solid

Analysis Batch: 12355

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12213

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	30.0	30.6		mg/Kg		102	90 - 110

Lab Sample ID: 885-11527-3 MS

Matrix: Solid

Analysis Batch: 12355

Client Sample ID: TB-W8A

Prep Type: Total/NA

Prep Batch: 12213

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	110	F1 F2	30.2	168	F1	mg/Kg		201	50 - 150

Lab Sample ID: 885-11527-3 MSD

Matrix: Solid

Analysis Batch: 12355

Client Sample ID: TB-W8A

Prep Type: Total/NA

Prep Batch: 12213

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD Limit
Chloride	110	F1 F2	30.2	101	F1 F2	mg/Kg		-19	50 - 150	50 20

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 885-12240/1-A

Matrix: Solid

Analysis Batch: 12262

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12240

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0	mg/Kg		09/13/24 15:01	09/13/24 15:56	1

Lab Sample ID: LCS 885-12240/2-A

Matrix: Solid

Analysis Batch: 12262

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12240

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	30.0	30.5		mg/Kg		102	90 - 110

Lab Sample ID: 885-11527-25 MS

Matrix: Solid

Analysis Batch: 12262

Client Sample ID: TB-B-20A

Prep Type: Total/NA

Prep Batch: 12240

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	830		29.8	1020	4	mg/Kg		620	50 - 150

Lab Sample ID: 885-11527-25 MSD

Matrix: Solid

Analysis Batch: 12262

Client Sample ID: TB-B-20A

Prep Type: Total/NA

Prep Batch: 12240

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	830		30.0	831	4	mg/Kg		-9	50 - 150	20	20

Lab Sample ID: MB 885-12269/1-A

Matrix: Solid

Analysis Batch: 12327

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12269

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0	mg/Kg		09/16/24 07:46	09/16/24 08:19	1

Lab Sample ID: LCS 885-12269/2-A

Matrix: Solid

Analysis Batch: 12327

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12269

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	30.0	32.4		mg/Kg		108	90 - 110

Lab Sample ID: MB 885-12270/1-A

Matrix: Solid

Analysis Batch: 12327

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12270

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0	mg/Kg		09/16/24 08:10	09/16/24 14:51	1

Lab Sample ID: LCS 885-12270/2-A

Matrix: Solid

Analysis Batch: 12327

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12270

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	30.0	32.3		mg/Kg		108	90 - 110

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 885-11527-34 MSD										Client Sample ID: TB-B31		
Matrix: Solid										Prep Type: Total/NA		
Analysis Batch: 12327										Prep Batch: 12270		
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	290		30.1	318	4	mg/Kg		110	50 - 150	13	20	

Lab Sample ID: 885-11527-35 MS										Client Sample ID: TB-B32		
Matrix: Solid										Prep Type: Total/NA		
Analysis Batch: 12327										Prep Batch: 12270		
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits			
Chloride	290		29.7	322	4	mg/Kg		97	50 - 150			

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

GC VOA

Prep Batch: 12010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11527-1	TB-W4A	Total/NA	Solid	5030C	
885-11527-2	TB-W6A	Total/NA	Solid	5030C	
885-11527-3	TB-W8A	Total/NA	Solid	5030C	
885-11527-4	TB-W13A	Total/NA	Solid	5030C	
885-11527-5	TB-W14A	Total/NA	Solid	5030C	
885-11527-6	TB-W17A	Total/NA	Solid	5030C	
885-11527-7	TB-B1	Total/NA	Solid	5030C	
885-11527-8	TB-B2	Total/NA	Solid	5030C	
885-11527-9	TB-B3	Total/NA	Solid	5030C	
885-11527-10	TB-B4	Total/NA	Solid	5030C	
885-11527-11	TB-B6	Total/NA	Solid	5030C	
885-11527-12	TB-B7	Total/NA	Solid	5030C	
MB 885-12010/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-12010/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-12010/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Prep Batch: 12049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11527-13	TB-B8	Total/NA	Solid	5030C	
885-11527-14	TB-B9	Total/NA	Solid	5030C	
885-11527-15	TB-B-10A	Total/NA	Solid	5030C	
885-11527-16	TB-B11	Total/NA	Solid	5030C	
885-11527-17	TB-B12	Total/NA	Solid	5030C	
885-11527-18	TB-B13	Total/NA	Solid	5030C	
885-11527-19	TB-B14	Total/NA	Solid	5030C	
885-11527-20	TB-B15	Total/NA	Solid	5030C	
885-11527-21	TB-B16	Total/NA	Solid	5030C	
885-11527-22	TB-B17	Total/NA	Solid	5030C	
885-11527-23	TB-B18	Total/NA	Solid	5030C	
885-11527-24	TB-B-19A	Total/NA	Solid	5030C	
885-11527-25	TB-B-20A	Total/NA	Solid	5030C	
885-11527-26	TB-B21	Total/NA	Solid	5030C	
885-11527-27	TB-B22	Total/NA	Solid	5030C	
885-11527-28	TB-B-23A	Total/NA	Solid	5030C	
885-11527-29	TB-B26	Total/NA	Solid	5030C	
885-11527-30	TB-B27	Total/NA	Solid	5030C	
885-11527-31	TB-B28	Total/NA	Solid	5030C	
MB 885-12049/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-12049/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-12049/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-11527-13 MS	TB-B8	Total/NA	Solid	5030C	
885-11527-13 MSD	TB-B8	Total/NA	Solid	5030C	

Prep Batch: 12079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11527-32	TB-B29	Total/NA	Solid	5030C	
885-11527-33	TB-B30	Total/NA	Solid	5030C	
885-11527-34	TB-B31	Total/NA	Solid	5030C	
885-11527-35	TB-B32	Total/NA	Solid	5030C	
885-11527-36	TB-B33	Total/NA	Solid	5030C	
885-11527-37	TB-B34	Total/NA	Solid	5030C	

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

GC VOA (Continued)

Prep Batch: 12079 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11527-38	TB-B35	Total/NA	Solid	5030C	
885-11527-39	TB-B36	Total/NA	Solid	5030C	
885-11527-40	TB-B37	Total/NA	Solid	5030C	
MB 885-12079/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-12079/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-12079/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-11527-32 MS	TB-B29	Total/NA	Solid	5030C	
885-11527-32 MSD	TB-B29	Total/NA	Solid	5030C	
885-11527-33 MS	TB-B30	Total/NA	Solid	5030C	
885-11527-33 MSD	TB-B30	Total/NA	Solid	5030C	

Analysis Batch: 12296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11527-1	TB-W4A	Total/NA	Solid	8015M/D	12010
885-11527-2	TB-W6A	Total/NA	Solid	8015M/D	12010
885-11527-3	TB-W8A	Total/NA	Solid	8015M/D	12010
885-11527-4	TB-W13A	Total/NA	Solid	8015M/D	12010
885-11527-5	TB-W14A	Total/NA	Solid	8015M/D	12010
885-11527-6	TB-W17A	Total/NA	Solid	8015M/D	12010
885-11527-7	TB-B1	Total/NA	Solid	8015M/D	12010
885-11527-8	TB-B2	Total/NA	Solid	8015M/D	12010
885-11527-9	TB-B3	Total/NA	Solid	8015M/D	12010
885-11527-10	TB-B4	Total/NA	Solid	8015M/D	12010
885-11527-11	TB-B6	Total/NA	Solid	8015M/D	12010
885-11527-12	TB-B7	Total/NA	Solid	8015M/D	12010
MB 885-12010/1-A	Method Blank	Total/NA	Solid	8015M/D	12010
LCS 885-12010/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	12010

Analysis Batch: 12297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11527-1	TB-W4A	Total/NA	Solid	8021B	12010
885-11527-2	TB-W6A	Total/NA	Solid	8021B	12010
885-11527-3	TB-W8A	Total/NA	Solid	8021B	12010
885-11527-4	TB-W13A	Total/NA	Solid	8021B	12010
885-11527-5	TB-W14A	Total/NA	Solid	8021B	12010
885-11527-6	TB-W17A	Total/NA	Solid	8021B	12010
885-11527-7	TB-B1	Total/NA	Solid	8021B	12010
885-11527-8	TB-B2	Total/NA	Solid	8021B	12010
885-11527-9	TB-B3	Total/NA	Solid	8021B	12010
885-11527-10	TB-B4	Total/NA	Solid	8021B	12010
885-11527-11	TB-B6	Total/NA	Solid	8021B	12010
885-11527-12	TB-B7	Total/NA	Solid	8021B	12010
MB 885-12010/1-A	Method Blank	Total/NA	Solid	8021B	12010
LCS 885-12010/3-A	Lab Control Sample	Total/NA	Solid	8021B	12010

Analysis Batch: 12323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11527-13	TB-B8	Total/NA	Solid	8015M/D	12049
885-11527-14	TB-B9	Total/NA	Solid	8015M/D	12049
885-11527-15	TB-B-10A	Total/NA	Solid	8015M/D	12049
885-11527-16	TB-B11	Total/NA	Solid	8015M/D	12049

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

GC VOA (Continued)

Analysis Batch: 12323 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11527-17	TB-B12	Total/NA	Solid	8015M/D	12049
885-11527-18	TB-B13	Total/NA	Solid	8015M/D	12049
885-11527-19	TB-B14	Total/NA	Solid	8015M/D	12049
885-11527-20	TB-B15	Total/NA	Solid	8015M/D	12049
885-11527-21	TB-B16	Total/NA	Solid	8015M/D	12049
885-11527-22	TB-B17	Total/NA	Solid	8015M/D	12049
885-11527-23	TB-B18	Total/NA	Solid	8015M/D	12049
885-11527-24	TB-B-19A	Total/NA	Solid	8015M/D	12049
885-11527-25	TB-B-20A	Total/NA	Solid	8015M/D	12049
885-11527-26	TB-B21	Total/NA	Solid	8015M/D	12049
885-11527-27	TB-B22	Total/NA	Solid	8015M/D	12049
885-11527-28	TB-B-23A	Total/NA	Solid	8015M/D	12049
885-11527-29	TB-B26	Total/NA	Solid	8015M/D	12049
885-11527-30	TB-B27	Total/NA	Solid	8015M/D	12049
885-11527-31	TB-B28	Total/NA	Solid	8015M/D	12049
MB 885-12049/1-A	Method Blank	Total/NA	Solid	8015M/D	12049
LCS 885-12049/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	12049

Analysis Batch: 12324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11527-13	TB-B8	Total/NA	Solid	8021B	12049
885-11527-14	TB-B9	Total/NA	Solid	8021B	12049
885-11527-15	TB-B-10A	Total/NA	Solid	8021B	12049
885-11527-16	TB-B11	Total/NA	Solid	8021B	12049
885-11527-17	TB-B12	Total/NA	Solid	8021B	12049
885-11527-18	TB-B13	Total/NA	Solid	8021B	12049
885-11527-19	TB-B14	Total/NA	Solid	8021B	12049
885-11527-20	TB-B15	Total/NA	Solid	8021B	12049
885-11527-21	TB-B16	Total/NA	Solid	8021B	12049
885-11527-22	TB-B17	Total/NA	Solid	8021B	12049
885-11527-23	TB-B18	Total/NA	Solid	8021B	12049
885-11527-24	TB-B-19A	Total/NA	Solid	8021B	12049
885-11527-25	TB-B-20A	Total/NA	Solid	8021B	12049
885-11527-26	TB-B21	Total/NA	Solid	8021B	12049
885-11527-27	TB-B22	Total/NA	Solid	8021B	12049
885-11527-28	TB-B-23A	Total/NA	Solid	8021B	12049
885-11527-29	TB-B26	Total/NA	Solid	8021B	12049
885-11527-30	TB-B27	Total/NA	Solid	8021B	12049
885-11527-31	TB-B28	Total/NA	Solid	8021B	12049
MB 885-12049/1-A	Method Blank	Total/NA	Solid	8021B	12049
LCS 885-12049/3-A	Lab Control Sample	Total/NA	Solid	8021B	12049
885-11527-13 MS	TB-B8	Total/NA	Solid	8021B	12049
885-11527-13 MSD	TB-B8	Total/NA	Solid	8021B	12049

Analysis Batch: 12422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11527-32	TB-B29	Total/NA	Solid	8015M/D	12079
885-11527-33	TB-B30	Total/NA	Solid	8015M/D	12079
885-11527-34	TB-B31	Total/NA	Solid	8015M/D	12079
885-11527-35	TB-B32	Total/NA	Solid	8015M/D	12079
885-11527-36	TB-B33	Total/NA	Solid	8015M/D	12079

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

GC VOA (Continued)

Analysis Batch: 12422 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11527-37	TB-B34	Total/NA	Solid	8015M/D	12079
885-11527-38	TB-B35	Total/NA	Solid	8015M/D	12079
885-11527-39	TB-B36	Total/NA	Solid	8015M/D	12079
885-11527-40	TB-B37	Total/NA	Solid	8015M/D	12079
MB 885-12079/1-A	Method Blank	Total/NA	Solid	8015M/D	12079
LCS 885-12079/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	12079
885-11527-32 MS	TB-B29	Total/NA	Solid	8015M/D	12079
885-11527-32 MSD	TB-B29	Total/NA	Solid	8015M/D	12079

Analysis Batch: 12423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11527-32	TB-B29	Total/NA	Solid	8021B	12079
885-11527-33	TB-B30	Total/NA	Solid	8021B	12079
885-11527-34	TB-B31	Total/NA	Solid	8021B	12079
885-11527-35	TB-B32	Total/NA	Solid	8021B	12079
885-11527-36	TB-B33	Total/NA	Solid	8021B	12079
885-11527-37	TB-B34	Total/NA	Solid	8021B	12079
885-11527-38	TB-B35	Total/NA	Solid	8021B	12079
885-11527-39	TB-B36	Total/NA	Solid	8021B	12079
885-11527-40	TB-B37	Total/NA	Solid	8021B	12079
MB 885-12079/1-A	Method Blank	Total/NA	Solid	8021B	12079
LCS 885-12079/3-A	Lab Control Sample	Total/NA	Solid	8021B	12079
885-11527-33 MS	TB-B30	Total/NA	Solid	8021B	12079
885-11527-33 MSD	TB-B30	Total/NA	Solid	8021B	12079

GC Semi VOA

Prep Batch: 12145

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11527-1	TB-W4A	Total/NA	Solid	SHAKE	
885-11527-2	TB-W6A	Total/NA	Solid	SHAKE	
885-11527-3	TB-W8A	Total/NA	Solid	SHAKE	
885-11527-4	TB-W13A	Total/NA	Solid	SHAKE	
885-11527-5	TB-W14A	Total/NA	Solid	SHAKE	
885-11527-6	TB-W17A	Total/NA	Solid	SHAKE	
885-11527-7	TB-B1	Total/NA	Solid	SHAKE	
885-11527-8	TB-B2	Total/NA	Solid	SHAKE	
885-11527-9	TB-B3	Total/NA	Solid	SHAKE	
885-11527-10	TB-B4	Total/NA	Solid	SHAKE	
885-11527-11	TB-B6	Total/NA	Solid	SHAKE	
885-11527-12	TB-B7	Total/NA	Solid	SHAKE	
MB 885-12145/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-12145/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 12209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11527-6	TB-W17A	Total/NA	Solid	8015M/D	12145
885-11527-7	TB-B1	Total/NA	Solid	8015M/D	12145
885-11527-8	TB-B2	Total/NA	Solid	8015M/D	12145
885-11527-9	TB-B3	Total/NA	Solid	8015M/D	12145
885-11527-10	TB-B4	Total/NA	Solid	8015M/D	12145

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

GC Semi VOA (Continued)

Analysis Batch: 12209 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11527-11	TB-B6	Total/NA	Solid	8015M/D	12145
885-11527-12	TB-B7	Total/NA	Solid	8015M/D	12145
885-11527-13	TB-B8	Total/NA	Solid	8015M/D	12222
885-11527-14	TB-B9	Total/NA	Solid	8015M/D	12222
885-11527-15	TB-B-10A	Total/NA	Solid	8015M/D	12222
885-11527-16	TB-B11	Total/NA	Solid	8015M/D	12222
885-11527-17	TB-B12	Total/NA	Solid	8015M/D	12222
885-11527-18	TB-B13	Total/NA	Solid	8015M/D	12222
885-11527-19	TB-B14	Total/NA	Solid	8015M/D	12222
885-11527-20	TB-B15	Total/NA	Solid	8015M/D	12222
885-11527-21	TB-B16	Total/NA	Solid	8015M/D	12222
885-11527-22	TB-B17	Total/NA	Solid	8015M/D	12222
885-11527-23	TB-B18	Total/NA	Solid	8015M/D	12222
885-11527-24	TB-B-19A	Total/NA	Solid	8015M/D	12222
885-11527-25	TB-B-20A	Total/NA	Solid	8015M/D	12222
885-11527-26	TB-B21	Total/NA	Solid	8015M/D	12222
885-11527-27	TB-B22	Total/NA	Solid	8015M/D	12222
885-11527-28	TB-B-23A	Total/NA	Solid	8015M/D	12222
885-11527-29	TB-B26	Total/NA	Solid	8015M/D	12222
885-11527-30	TB-B27	Total/NA	Solid	8015M/D	12222
885-11527-31	TB-B28	Total/NA	Solid	8015M/D	12222
MB 885-12145/1-A	Method Blank	Total/NA	Solid	8015M/D	12145
MB 885-12222/1-A	Method Blank	Total/NA	Solid	8015M/D	12222
LCS 885-12145/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	12145
LCS 885-12222/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	12222
885-11527-31 MS	TB-B28	Total/NA	Solid	8015M/D	12222
885-11527-31 MSD	TB-B28	Total/NA	Solid	8015M/D	12222

Prep Batch: 12222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11527-13	TB-B8	Total/NA	Solid	SHAKE	
885-11527-14	TB-B9	Total/NA	Solid	SHAKE	
885-11527-15	TB-B-10A	Total/NA	Solid	SHAKE	
885-11527-16	TB-B11	Total/NA	Solid	SHAKE	
885-11527-17	TB-B12	Total/NA	Solid	SHAKE	
885-11527-18	TB-B13	Total/NA	Solid	SHAKE	
885-11527-19	TB-B14	Total/NA	Solid	SHAKE	
885-11527-20	TB-B15	Total/NA	Solid	SHAKE	
885-11527-21	TB-B16	Total/NA	Solid	SHAKE	
885-11527-22	TB-B17	Total/NA	Solid	SHAKE	
885-11527-23	TB-B18	Total/NA	Solid	SHAKE	
885-11527-24	TB-B-19A	Total/NA	Solid	SHAKE	
885-11527-25	TB-B-20A	Total/NA	Solid	SHAKE	
885-11527-26	TB-B21	Total/NA	Solid	SHAKE	
885-11527-27	TB-B22	Total/NA	Solid	SHAKE	
885-11527-28	TB-B-23A	Total/NA	Solid	SHAKE	
885-11527-29	TB-B26	Total/NA	Solid	SHAKE	
885-11527-30	TB-B27	Total/NA	Solid	SHAKE	
885-11527-31	TB-B28	Total/NA	Solid	SHAKE	
MB 885-12222/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-12222/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

GC Semi VOA (Continued)

Prep Batch: 12222 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11527-31 MS	TB-B28	Total/NA	Solid	SHAKE	
885-11527-31 MSD	TB-B28	Total/NA	Solid	SHAKE	

Prep Batch: 12236

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11527-32	TB-B29	Total/NA	Solid	SHAKE	
885-11527-33	TB-B30	Total/NA	Solid	SHAKE	
885-11527-34	TB-B31	Total/NA	Solid	SHAKE	
885-11527-35	TB-B32	Total/NA	Solid	SHAKE	
885-11527-36	TB-B33	Total/NA	Solid	SHAKE	
885-11527-37	TB-B34	Total/NA	Solid	SHAKE	
885-11527-38	TB-B35	Total/NA	Solid	SHAKE	
885-11527-39	TB-B36	Total/NA	Solid	SHAKE	
885-11527-40	TB-B37	Total/NA	Solid	SHAKE	
MB 885-12236/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-12236/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 12287

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11527-32	TB-B29	Total/NA	Solid	8015M/D	12236
885-11527-33	TB-B30	Total/NA	Solid	8015M/D	12236
885-11527-34	TB-B31	Total/NA	Solid	8015M/D	12236
885-11527-35	TB-B32	Total/NA	Solid	8015M/D	12236
885-11527-36	TB-B33	Total/NA	Solid	8015M/D	12236
885-11527-37	TB-B34	Total/NA	Solid	8015M/D	12236
885-11527-38	TB-B35	Total/NA	Solid	8015M/D	12236
885-11527-39	TB-B36	Total/NA	Solid	8015M/D	12236
885-11527-40	TB-B37	Total/NA	Solid	8015M/D	12236
MB 885-12236/1-A	Method Blank	Total/NA	Solid	8015M/D	12236
LCS 885-12236/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	12236

Analysis Batch: 12307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11527-1	TB-W4A	Total/NA	Solid	8015M/D	12145
885-11527-2	TB-W6A	Total/NA	Solid	8015M/D	12145
885-11527-3	TB-W8A	Total/NA	Solid	8015M/D	12145
885-11527-4	TB-W13A	Total/NA	Solid	8015M/D	12145
885-11527-5	TB-W14A	Total/NA	Solid	8015M/D	12145

HPLC/IC

Prep Batch: 12213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11527-1	TB-W4A	Total/NA	Solid	300_Prep	
885-11527-2	TB-W6A	Total/NA	Solid	300_Prep	
885-11527-3	TB-W8A	Total/NA	Solid	300_Prep	
885-11527-4	TB-W13A	Total/NA	Solid	300_Prep	
885-11527-5	TB-W14A	Total/NA	Solid	300_Prep	
885-11527-6	TB-W17A	Total/NA	Solid	300_Prep	
885-11527-7	TB-B1	Total/NA	Solid	300_Prep	
885-11527-8	TB-B2	Total/NA	Solid	300_Prep	

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

HPLC/IC (Continued)

Prep Batch: 12213 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11527-9	TB-B3	Total/NA	Solid	300_Prep	
885-11527-10	TB-B4	Total/NA	Solid	300_Prep	
885-11527-11	TB-B6	Total/NA	Solid	300_Prep	
885-11527-12	TB-B7	Total/NA	Solid	300_Prep	
MB 885-12213/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-12213/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-11527-3 MS	TB-W8A	Total/NA	Solid	300_Prep	
885-11527-3 MSD	TB-W8A	Total/NA	Solid	300_Prep	

Analysis Batch: 12227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-12213/1-A	Method Blank	Total/NA	Solid	300.0	12213

Prep Batch: 12240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11527-13	TB-B8	Total/NA	Solid	300_Prep	
885-11527-14	TB-B9	Total/NA	Solid	300_Prep	
885-11527-15	TB-B-10A	Total/NA	Solid	300_Prep	
885-11527-16	TB-B11	Total/NA	Solid	300_Prep	
885-11527-17	TB-B12	Total/NA	Solid	300_Prep	
885-11527-18	TB-B13	Total/NA	Solid	300_Prep	
885-11527-19	TB-B14	Total/NA	Solid	300_Prep	
885-11527-20	TB-B15	Total/NA	Solid	300_Prep	
885-11527-21	TB-B16	Total/NA	Solid	300_Prep	
885-11527-22	TB-B17	Total/NA	Solid	300_Prep	
885-11527-23	TB-B18	Total/NA	Solid	300_Prep	
885-11527-24	TB-B-19A	Total/NA	Solid	300_Prep	
885-11527-25	TB-B-20A	Total/NA	Solid	300_Prep	
885-11527-26	TB-B21	Total/NA	Solid	300_Prep	
MB 885-12240/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-12240/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-11527-25 MS	TB-B-20A	Total/NA	Solid	300_Prep	
885-11527-25 MSD	TB-B-20A	Total/NA	Solid	300_Prep	

Analysis Batch: 12262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11527-13	TB-B8	Total/NA	Solid	300.0	12240
885-11527-14	TB-B9	Total/NA	Solid	300.0	12240
885-11527-15	TB-B-10A	Total/NA	Solid	300.0	12240
885-11527-16	TB-B11	Total/NA	Solid	300.0	12240
885-11527-17	TB-B12	Total/NA	Solid	300.0	12240
885-11527-18	TB-B13	Total/NA	Solid	300.0	12240
885-11527-19	TB-B14	Total/NA	Solid	300.0	12240
885-11527-20	TB-B15	Total/NA	Solid	300.0	12240
885-11527-21	TB-B16	Total/NA	Solid	300.0	12240
885-11527-22	TB-B17	Total/NA	Solid	300.0	12240
885-11527-23	TB-B18	Total/NA	Solid	300.0	12240
885-11527-24	TB-B-19A	Total/NA	Solid	300.0	12240
885-11527-25	TB-B-20A	Total/NA	Solid	300.0	12240
885-11527-26	TB-B21	Total/NA	Solid	300.0	12240
MB 885-12240/1-A	Method Blank	Total/NA	Solid	300.0	12240

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

HPLC/IC (Continued)

Analysis Batch: 12262 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 885-12240/2-A	Lab Control Sample	Total/NA	Solid	300.0	12240
885-11527-25 MS	TB-B-20A	Total/NA	Solid	300.0	12240
885-11527-25 MSD	TB-B-20A	Total/NA	Solid	300.0	12240

Prep Batch: 12269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11527-27	TB-B22	Total/NA	Solid	300_Prep	
885-11527-28	TB-B-23A	Total/NA	Solid	300_Prep	
885-11527-29	TB-B26	Total/NA	Solid	300_Prep	
885-11527-30	TB-B27	Total/NA	Solid	300_Prep	
885-11527-31	TB-B28	Total/NA	Solid	300_Prep	
885-11527-32	TB-B29	Total/NA	Solid	300_Prep	
885-11527-33	TB-B30	Total/NA	Solid	300_Prep	
MB 885-12269/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-12269/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Prep Batch: 12270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11527-34	TB-B31	Total/NA	Solid	300_Prep	
885-11527-35	TB-B32	Total/NA	Solid	300_Prep	
885-11527-36	TB-B33	Total/NA	Solid	300_Prep	
885-11527-37	TB-B34	Total/NA	Solid	300_Prep	
885-11527-38	TB-B35	Total/NA	Solid	300_Prep	
885-11527-39	TB-B36	Total/NA	Solid	300_Prep	
885-11527-40	TB-B37	Total/NA	Solid	300_Prep	
MB 885-12270/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-12270/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-11527-34 MSD	TB-B31	Total/NA	Solid	300_Prep	
885-11527-35 MS	TB-B32	Total/NA	Solid	300_Prep	

Analysis Batch: 12327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11527-27	TB-B22	Total/NA	Solid	300.0	12269
885-11527-28	TB-B-23A	Total/NA	Solid	300.0	12269
885-11527-29	TB-B26	Total/NA	Solid	300.0	12269
885-11527-30	TB-B27	Total/NA	Solid	300.0	12269
885-11527-31	TB-B28	Total/NA	Solid	300.0	12269
885-11527-32	TB-B29	Total/NA	Solid	300.0	12269
885-11527-33	TB-B30	Total/NA	Solid	300.0	12269
885-11527-34	TB-B31	Total/NA	Solid	300.0	12270
885-11527-35	TB-B32	Total/NA	Solid	300.0	12270
885-11527-36	TB-B33	Total/NA	Solid	300.0	12270
885-11527-37	TB-B34	Total/NA	Solid	300.0	12270
885-11527-38	TB-B35	Total/NA	Solid	300.0	12270
885-11527-39	TB-B36	Total/NA	Solid	300.0	12270
885-11527-40	TB-B37	Total/NA	Solid	300.0	12270
MB 885-12269/1-A	Method Blank	Total/NA	Solid	300.0	12269
MB 885-12270/1-A	Method Blank	Total/NA	Solid	300.0	12270
LCS 885-12269/2-A	Lab Control Sample	Total/NA	Solid	300.0	12269
LCS 885-12270/2-A	Lab Control Sample	Total/NA	Solid	300.0	12270
885-11527-34 MSD	TB-B31	Total/NA	Solid	300.0	12270

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

HPLC/IC (Continued)

Analysis Batch: 12327 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11527-35 MS	TB-B32	Total/NA	Solid	300.0	12270

Analysis Batch: 12355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11527-1	TB-W4A	Total/NA	Solid	300.0	12213
885-11527-2	TB-W6A	Total/NA	Solid	300.0	12213
885-11527-3	TB-W8A	Total/NA	Solid	300.0	12213
885-11527-4	TB-W13A	Total/NA	Solid	300.0	12213
885-11527-5	TB-W14A	Total/NA	Solid	300.0	12213
885-11527-6	TB-W17A	Total/NA	Solid	300.0	12213
885-11527-7	TB-B1	Total/NA	Solid	300.0	12213
885-11527-8	TB-B2	Total/NA	Solid	300.0	12213
885-11527-9	TB-B3	Total/NA	Solid	300.0	12213
885-11527-10	TB-B4	Total/NA	Solid	300.0	12213
885-11527-11	TB-B6	Total/NA	Solid	300.0	12213
885-11527-12	TB-B7	Total/NA	Solid	300.0	12213
MB 885-12213/1-A	Method Blank	Total/NA	Solid	300.0	12213
LCS 885-12213/2-A	Lab Control Sample	Total/NA	Solid	300.0	12213
885-11527-3 MS	TB-W8A	Total/NA	Solid	300.0	12213
885-11527-3 MSD	TB-W8A	Total/NA	Solid	300.0	12213

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-W4A

Lab Sample ID: 885-11527-1

Date Collected: 09/09/24 09:30

Matrix: Solid

Date Received: 09/11/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12010	JP	EET ALB	09/11/24 11:28
Total/NA	Analysis	8015M/D		1	12296	AT	EET ALB	09/14/24 07:00
Total/NA	Prep	5030C			12010	JP	EET ALB	09/11/24 11:28
Total/NA	Analysis	8021B		1	12297	AT	EET ALB	09/14/24 07:00
Total/NA	Prep	SHAKE			12145	EM	EET ALB	09/12/24 15:11
Total/NA	Analysis	8015M/D		1	12307	KR	EET ALB	09/16/24 13:20
Total/NA	Prep	300_Prep			12213	EH	EET ALB	09/13/24 10:05
Total/NA	Analysis	300.0		20	12355	JT	EET ALB	09/16/24 10:14

Client Sample ID: TB-W6A

Lab Sample ID: 885-11527-2

Date Collected: 09/09/24 09:34

Matrix: Solid

Date Received: 09/11/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12010	JP	EET ALB	09/11/24 11:28
Total/NA	Analysis	8015M/D		1	12296	AT	EET ALB	09/14/24 07:22
Total/NA	Prep	5030C			12010	JP	EET ALB	09/11/24 11:28
Total/NA	Analysis	8021B		1	12297	AT	EET ALB	09/14/24 07:22
Total/NA	Prep	SHAKE			12145	EM	EET ALB	09/12/24 15:11
Total/NA	Analysis	8015M/D		1	12307	KR	EET ALB	09/16/24 13:44
Total/NA	Prep	300_Prep			12213	EH	EET ALB	09/13/24 10:05
Total/NA	Analysis	300.0		20	12355	JT	EET ALB	09/16/24 10:29

Client Sample ID: TB-W8A

Lab Sample ID: 885-11527-3

Date Collected: 09/09/24 09:36

Matrix: Solid

Date Received: 09/11/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12010	JP	EET ALB	09/11/24 11:28
Total/NA	Analysis	8015M/D		1	12296	AT	EET ALB	09/14/24 08:06
Total/NA	Prep	5030C			12010	JP	EET ALB	09/11/24 11:28
Total/NA	Analysis	8021B		1	12297	AT	EET ALB	09/14/24 08:06
Total/NA	Prep	SHAKE			12145	EM	EET ALB	09/12/24 15:11
Total/NA	Analysis	8015M/D		1	12307	KR	EET ALB	09/16/24 14:08
Total/NA	Prep	300_Prep			12213	EH	EET ALB	09/13/24 10:05
Total/NA	Analysis	300.0		20	12355	JT	EET ALB	09/16/24 10:44

Client Sample ID: TB-W13A

Lab Sample ID: 885-11527-4

Date Collected: 09/09/24 09:40

Matrix: Solid

Date Received: 09/11/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12010	JP	EET ALB	09/11/24 11:28
Total/NA	Analysis	8015M/D		1	12296	AT	EET ALB	09/14/24 08:27

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-W13A

Lab Sample ID: 885-11527-4

Date Collected: 09/09/24 09:40

Matrix: Solid

Date Received: 09/11/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12010	JP	EET ALB	09/11/24 11:28
Total/NA	Analysis	8021B		1	12297	AT	EET ALB	09/14/24 08:27
Total/NA	Prep	SHAKE			12145	EM	EET ALB	09/12/24 15:11
Total/NA	Analysis	8015M/D		1	12307	KR	EET ALB	09/16/24 14:32
Total/NA	Prep	300_Prep			12213	EH	EET ALB	09/13/24 10:05
Total/NA	Analysis	300.0		20	12355	JT	EET ALB	09/16/24 12:15

Client Sample ID: TB-W14A

Lab Sample ID: 885-11527-5

Date Collected: 09/09/24 09:44

Matrix: Solid

Date Received: 09/11/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12010	JP	EET ALB	09/11/24 11:28
Total/NA	Analysis	8015M/D		1	12296	AT	EET ALB	09/14/24 08:49
Total/NA	Prep	5030C			12010	JP	EET ALB	09/11/24 11:28
Total/NA	Analysis	8021B		1	12297	AT	EET ALB	09/14/24 08:49
Total/NA	Prep	SHAKE			12145	EM	EET ALB	09/12/24 15:11
Total/NA	Analysis	8015M/D		1	12307	KR	EET ALB	09/16/24 14:55
Total/NA	Prep	300_Prep			12213	EH	EET ALB	09/13/24 10:05
Total/NA	Analysis	300.0		20	12355	JT	EET ALB	09/16/24 12:30

Client Sample ID: TB-W17A

Lab Sample ID: 885-11527-6

Date Collected: 09/09/24 09:46

Matrix: Solid

Date Received: 09/11/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12010	JP	EET ALB	09/11/24 11:28
Total/NA	Analysis	8015M/D		1	12296	AT	EET ALB	09/14/24 09:11
Total/NA	Prep	5030C			12010	JP	EET ALB	09/11/24 11:28
Total/NA	Analysis	8021B		1	12297	AT	EET ALB	09/14/24 09:11
Total/NA	Prep	SHAKE			12145	EM	EET ALB	09/12/24 15:11
Total/NA	Analysis	8015M/D		1	12209	KR	EET ALB	09/13/24 22:26
Total/NA	Prep	300_Prep			12213	EH	EET ALB	09/13/24 10:05
Total/NA	Analysis	300.0		20	12355	JT	EET ALB	09/16/24 12:45

Client Sample ID: TB-B1

Lab Sample ID: 885-11527-7

Date Collected: 09/09/24 10:10

Matrix: Solid

Date Received: 09/11/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12010	JP	EET ALB	09/11/24 11:28
Total/NA	Analysis	8015M/D		1	12296	AT	EET ALB	09/14/24 09:33
Total/NA	Prep	5030C			12010	JP	EET ALB	09/11/24 11:28
Total/NA	Analysis	8021B		1	12297	AT	EET ALB	09/14/24 09:33

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B1
Date Collected: 09/09/24 10:10
Date Received: 09/11/24 07:50

Lab Sample ID: 885-11527-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			12145	EM	EET ALB	09/12/24 15:11
Total/NA	Analysis	8015M/D		1	12209	KR	EET ALB	09/13/24 22:39
Total/NA	Prep	300_Prep			12213	EH	EET ALB	09/13/24 10:05
Total/NA	Analysis	300.0		20	12355	JT	EET ALB	09/16/24 13:00

Client Sample ID: TB-B2
Date Collected: 09/09/24 10:12
Date Received: 09/11/24 07:50

Lab Sample ID: 885-11527-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12010	JP	EET ALB	09/11/24 11:28
Total/NA	Analysis	8015M/D		1	12296	AT	EET ALB	09/14/24 09:55
Total/NA	Prep	5030C			12010	JP	EET ALB	09/11/24 11:28
Total/NA	Analysis	8021B		1	12297	AT	EET ALB	09/14/24 09:55
Total/NA	Prep	SHAKE			12145	EM	EET ALB	09/12/24 15:11
Total/NA	Analysis	8015M/D		1	12209	KR	EET ALB	09/13/24 23:04
Total/NA	Prep	300_Prep			12213	EH	EET ALB	09/13/24 10:05
Total/NA	Analysis	300.0		20	12355	JT	EET ALB	09/16/24 13:16

Client Sample ID: TB-B3
Date Collected: 09/09/24 10:14
Date Received: 09/11/24 07:50

Lab Sample ID: 885-11527-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12010	JP	EET ALB	09/11/24 11:28
Total/NA	Analysis	8015M/D		1	12296	AT	EET ALB	09/14/24 10:17
Total/NA	Prep	5030C			12010	JP	EET ALB	09/11/24 11:28
Total/NA	Analysis	8021B		1	12297	AT	EET ALB	09/14/24 10:17
Total/NA	Prep	SHAKE			12145	EM	EET ALB	09/12/24 15:11
Total/NA	Analysis	8015M/D		1	12209	KR	EET ALB	09/13/24 23:17
Total/NA	Prep	300_Prep			12213	EH	EET ALB	09/13/24 10:05
Total/NA	Analysis	300.0		20	12355	JT	EET ALB	09/16/24 13:31

Client Sample ID: TB-B4
Date Collected: 09/09/24 10:16
Date Received: 09/11/24 07:50

Lab Sample ID: 885-11527-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12010	JP	EET ALB	09/11/24 11:28
Total/NA	Analysis	8015M/D		1	12296	AT	EET ALB	09/14/24 10:39
Total/NA	Prep	5030C			12010	JP	EET ALB	09/11/24 11:28
Total/NA	Analysis	8021B		1	12297	AT	EET ALB	09/14/24 10:39
Total/NA	Prep	SHAKE			12145	EM	EET ALB	09/12/24 15:11
Total/NA	Analysis	8015M/D		1	12209	KR	EET ALB	09/13/24 23:29

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B4

Lab Sample ID: 885-11527-10

Date Collected: 09/09/24 10:16

Matrix: Solid

Date Received: 09/11/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			12213	EH	EET ALB	09/13/24 10:05
Total/NA	Analysis	300.0		20	12355	JT	EET ALB	09/16/24 13:46

Client Sample ID: TB-B6

Lab Sample ID: 885-11527-11

Date Collected: 09/09/24 10:20

Matrix: Solid

Date Received: 09/11/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12010	JP	EET ALB	09/11/24 11:28
Total/NA	Analysis	8015M/D		1	12296	AT	EET ALB	09/14/24 11:00
Total/NA	Prep	5030C			12010	JP	EET ALB	09/11/24 11:28
Total/NA	Analysis	8021B		1	12297	AT	EET ALB	09/14/24 11:00
Total/NA	Prep	SHAKE			12145	EM	EET ALB	09/12/24 15:11
Total/NA	Analysis	8015M/D		1	12209	KR	EET ALB	09/13/24 23:42
Total/NA	Prep	300_Prep			12213	EH	EET ALB	09/13/24 10:05
Total/NA	Analysis	300.0		20	12355	JT	EET ALB	09/16/24 14:01

Client Sample ID: TB-B7

Lab Sample ID: 885-11527-12

Date Collected: 09/09/24 10:24

Matrix: Solid

Date Received: 09/11/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12010	JP	EET ALB	09/11/24 11:28
Total/NA	Analysis	8015M/D		1	12296	AT	EET ALB	09/14/24 11:22
Total/NA	Prep	5030C			12010	JP	EET ALB	09/11/24 11:28
Total/NA	Analysis	8021B		1	12297	AT	EET ALB	09/14/24 11:22
Total/NA	Prep	SHAKE			12145	EM	EET ALB	09/12/24 15:11
Total/NA	Analysis	8015M/D		1	12209	KR	EET ALB	09/13/24 23:54
Total/NA	Prep	300_Prep			12213	EH	EET ALB	09/13/24 10:05
Total/NA	Analysis	300.0		20	12355	JT	EET ALB	09/16/24 15:17

Client Sample ID: TB-B8

Lab Sample ID: 885-11527-13

Date Collected: 09/09/24 10:26

Matrix: Solid

Date Received: 09/11/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8015M/D		1	12323	JP	EET ALB	09/16/24 23:58
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8021B		1	12324	JP	EET ALB	09/16/24 23:58
Total/NA	Prep	SHAKE			12222	KR	EET ALB	09/13/24 10:51
Total/NA	Analysis	8015M/D		1	12209	KR	EET ALB	09/13/24 15:47
Total/NA	Prep	300_Prep			12240	EH	EET ALB	09/13/24 15:01
Total/NA	Analysis	300.0		20	12262	EH	EET ALB	09/13/24 16:26

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B9

Lab Sample ID: 885-11527-14

Date Collected: 09/09/24 10:30

Matrix: Solid

Date Received: 09/11/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8015M/D		1	12323	JP	EET ALB	09/17/24 01:09
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8021B		1	12324	JP	EET ALB	09/17/24 01:09
Total/NA	Prep	SHAKE			12222	KR	EET ALB	09/13/24 10:51
Total/NA	Analysis	8015M/D		1	12209	KR	EET ALB	09/13/24 16:00
Total/NA	Prep	300_Prep			12240	EH	EET ALB	09/13/24 15:01
Total/NA	Analysis	300.0		20	12262	EH	EET ALB	09/13/24 16:41

Client Sample ID: TB-B-10A

Lab Sample ID: 885-11527-15

Date Collected: 09/09/24 10:34

Matrix: Solid

Date Received: 09/11/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8015M/D		1	12323	JP	EET ALB	09/17/24 01:32
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8021B		1	12324	JP	EET ALB	09/17/24 01:32
Total/NA	Prep	SHAKE			12222	KR	EET ALB	09/13/24 10:51
Total/NA	Analysis	8015M/D		1	12209	KR	EET ALB	09/13/24 16:12
Total/NA	Prep	300_Prep			12240	EH	EET ALB	09/13/24 15:01
Total/NA	Analysis	300.0		20	12262	EH	EET ALB	09/13/24 16:56

Client Sample ID: TB-B11

Lab Sample ID: 885-11527-16

Date Collected: 09/09/24 10:36

Matrix: Solid

Date Received: 09/11/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8015M/D		1	12323	JP	EET ALB	09/17/24 01:55
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8021B		1	12324	JP	EET ALB	09/17/24 01:55
Total/NA	Prep	SHAKE			12222	KR	EET ALB	09/13/24 10:51
Total/NA	Analysis	8015M/D		1	12209	KR	EET ALB	09/13/24 16:24
Total/NA	Prep	300_Prep			12240	EH	EET ALB	09/13/24 15:01
Total/NA	Analysis	300.0		20	12262	EH	EET ALB	09/13/24 17:11

Client Sample ID: TB-B12

Lab Sample ID: 885-11527-17

Date Collected: 09/09/24 10:38

Matrix: Solid

Date Received: 09/11/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8015M/D		1	12323	JP	EET ALB	09/17/24 02:19

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B12

Lab Sample ID: 885-11527-17

Date Collected: 09/09/24 10:38

Matrix: Solid

Date Received: 09/11/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8021B		1	12324	JP	EET ALB	09/17/24 02:19
Total/NA	Prep	SHAKE			12222	KR	EET ALB	09/13/24 10:51
Total/NA	Analysis	8015M/D		1	12209	KR	EET ALB	09/13/24 16:36
Total/NA	Prep	300_Prep			12240	EH	EET ALB	09/13/24 15:01
Total/NA	Analysis	300.0		20	12262	EH	EET ALB	09/13/24 17:26

Client Sample ID: TB-B13

Lab Sample ID: 885-11527-18

Date Collected: 09/09/24 10:40

Matrix: Solid

Date Received: 09/11/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8015M/D		1	12323	JP	EET ALB	09/17/24 02:42
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8021B		1	12324	JP	EET ALB	09/17/24 02:42
Total/NA	Prep	SHAKE			12222	KR	EET ALB	09/13/24 10:51
Total/NA	Analysis	8015M/D		1	12209	KR	EET ALB	09/13/24 16:48
Total/NA	Prep	300_Prep			12240	EH	EET ALB	09/13/24 15:01
Total/NA	Analysis	300.0		20	12262	EH	EET ALB	09/13/24 18:42

Client Sample ID: TB-B14

Lab Sample ID: 885-11527-19

Date Collected: 09/09/24 10:44

Matrix: Solid

Date Received: 09/11/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8015M/D		1	12323	JP	EET ALB	09/17/24 03:06
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8021B		1	12324	JP	EET ALB	09/17/24 03:06
Total/NA	Prep	SHAKE			12222	KR	EET ALB	09/13/24 10:51
Total/NA	Analysis	8015M/D		1	12209	KR	EET ALB	09/13/24 17:00
Total/NA	Prep	300_Prep			12240	EH	EET ALB	09/13/24 15:01
Total/NA	Analysis	300.0		20	12262	EH	EET ALB	09/13/24 18:57

Client Sample ID: TB-B15

Lab Sample ID: 885-11527-20

Date Collected: 09/09/24 10:48

Matrix: Solid

Date Received: 09/11/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8015M/D		1	12323	JP	EET ALB	09/17/24 03:29
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8021B		1	12324	JP	EET ALB	09/17/24 03:29

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B15

Date Collected: 09/09/24 10:48

Date Received: 09/11/24 07:50

Lab Sample ID: 885-11527-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			12222	KR	EET ALB	09/13/24 10:51
Total/NA	Analysis	8015M/D		1	12209	KR	EET ALB	09/13/24 17:12
Total/NA	Prep	300_Prep			12240	EH	EET ALB	09/13/24 15:01
Total/NA	Analysis	300.0		20	12262	EH	EET ALB	09/13/24 19:13

Client Sample ID: TB-B16

Date Collected: 09/09/24 10:54

Date Received: 09/11/24 07:50

Lab Sample ID: 885-11527-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8015M/D		1	12323	JP	EET ALB	09/17/24 03:53
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8021B		1	12324	JP	EET ALB	09/17/24 03:53
Total/NA	Prep	SHAKE			12222	KR	EET ALB	09/13/24 10:51
Total/NA	Analysis	8015M/D		1	12209	KR	EET ALB	09/13/24 17:25
Total/NA	Prep	300_Prep			12240	EH	EET ALB	09/13/24 15:01
Total/NA	Analysis	300.0		20	12262	EH	EET ALB	09/13/24 19:28

Client Sample ID: TB-B17

Date Collected: 09/09/24 10:56

Date Received: 09/11/24 07:50

Lab Sample ID: 885-11527-22

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8015M/D		1	12323	JP	EET ALB	09/17/24 04:40
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8021B		1	12324	JP	EET ALB	09/17/24 04:40
Total/NA	Prep	SHAKE			12222	KR	EET ALB	09/13/24 10:51
Total/NA	Analysis	8015M/D		1	12209	KR	EET ALB	09/13/24 17:37
Total/NA	Prep	300_Prep			12240	EH	EET ALB	09/13/24 15:01
Total/NA	Analysis	300.0		20	12262	EH	EET ALB	09/13/24 19:43

Client Sample ID: TB-B18

Date Collected: 09/09/24 11:00

Date Received: 09/11/24 07:50

Lab Sample ID: 885-11527-23

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8015M/D		1	12323	JP	EET ALB	09/17/24 05:03
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8021B		1	12324	JP	EET ALB	09/17/24 05:03
Total/NA	Prep	SHAKE			12222	KR	EET ALB	09/13/24 10:51
Total/NA	Analysis	8015M/D		1	12209	KR	EET ALB	09/13/24 18:03

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B18

Date Collected: 09/09/24 11:00

Date Received: 09/11/24 07:50

Lab Sample ID: 885-11527-23

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			12240	EH	EET ALB	09/13/24 15:01
Total/NA	Analysis	300.0		20	12262	EH	EET ALB	09/13/24 19:58

Client Sample ID: TB-B-19A

Date Collected: 09/09/24 11:10

Date Received: 09/11/24 07:50

Lab Sample ID: 885-11527-24

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8015M/D		1	12323	JP	EET ALB	09/17/24 05:26
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8021B		1	12324	JP	EET ALB	09/17/24 05:26
Total/NA	Prep	SHAKE			12222	KR	EET ALB	09/13/24 10:51
Total/NA	Analysis	8015M/D		1	12209	KR	EET ALB	09/13/24 18:15
Total/NA	Prep	300_Prep			12240	EH	EET ALB	09/13/24 15:01
Total/NA	Analysis	300.0		20	12262	EH	EET ALB	09/13/24 20:13

Client Sample ID: TB-B-20A

Date Collected: 09/09/24 11:14

Date Received: 09/11/24 07:50

Lab Sample ID: 885-11527-25

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8015M/D		1	12323	JP	EET ALB	09/17/24 05:50
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8021B		1	12324	JP	EET ALB	09/17/24 05:50
Total/NA	Prep	SHAKE			12222	KR	EET ALB	09/13/24 10:51
Total/NA	Analysis	8015M/D		1	12209	KR	EET ALB	09/13/24 18:28
Total/NA	Prep	300_Prep			12240	EH	EET ALB	09/13/24 15:01
Total/NA	Analysis	300.0		20	12262	EH	EET ALB	09/13/24 20:28

Client Sample ID: TB-B21

Date Collected: 09/09/24 11:20

Date Received: 09/11/24 07:50

Lab Sample ID: 885-11527-26

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8015M/D		1	12323	JP	EET ALB	09/17/24 06:13
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8021B		1	12324	JP	EET ALB	09/17/24 06:13
Total/NA	Prep	SHAKE			12222	KR	EET ALB	09/13/24 10:51
Total/NA	Analysis	8015M/D		1	12209	KR	EET ALB	09/13/24 18:41
Total/NA	Prep	300_Prep			12240	EH	EET ALB	09/13/24 15:01
Total/NA	Analysis	300.0		20	12262	EH	EET ALB	09/13/24 21:44

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B22

Lab Sample ID: 885-11527-27

Date Collected: 09/09/24 11:22

Matrix: Solid

Date Received: 09/11/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8015M/D		1	12323	JP	EET ALB	09/17/24 06:37
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8021B		1	12324	JP	EET ALB	09/17/24 06:37
Total/NA	Prep	SHAKE			12222	KR	EET ALB	09/13/24 10:51
Total/NA	Analysis	8015M/D		1	12209	KR	EET ALB	09/13/24 18:53
Total/NA	Prep	300_Prep			12269	JT	EET ALB	09/16/24 07:46
Total/NA	Analysis	300.0		20	12327	MA	EET ALB	09/16/24 08:51

Client Sample ID: TB-B-23A

Lab Sample ID: 885-11527-28

Date Collected: 09/09/24 11:26

Matrix: Solid

Date Received: 09/11/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8015M/D		1	12323	JP	EET ALB	09/17/24 07:00
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8021B		1	12324	JP	EET ALB	09/17/24 07:00
Total/NA	Prep	SHAKE			12222	KR	EET ALB	09/13/24 10:51
Total/NA	Analysis	8015M/D		1	12209	KR	EET ALB	09/13/24 19:06
Total/NA	Prep	300_Prep			12269	JT	EET ALB	09/16/24 07:46
Total/NA	Analysis	300.0		20	12327	MA	EET ALB	09/16/24 09:29

Client Sample ID: TB-B26

Lab Sample ID: 885-11527-29

Date Collected: 09/09/24 11:30

Matrix: Solid

Date Received: 09/11/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8015M/D		1	12323	JP	EET ALB	09/17/24 07:24
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8021B		1	12324	JP	EET ALB	09/17/24 07:24
Total/NA	Prep	SHAKE			12222	KR	EET ALB	09/13/24 10:51
Total/NA	Analysis	8015M/D		1	12209	KR	EET ALB	09/13/24 19:18
Total/NA	Prep	300_Prep			12269	JT	EET ALB	09/16/24 07:46
Total/NA	Analysis	300.0		20	12327	MA	EET ALB	09/16/24 10:08

Client Sample ID: TB-B27

Lab Sample ID: 885-11527-30

Date Collected: 09/09/24 11:40

Matrix: Solid

Date Received: 09/11/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8015M/D		1	12323	JP	EET ALB	09/17/24 07:47

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B27

Lab Sample ID: 885-11527-30

Date Collected: 09/09/24 11:40

Matrix: Solid

Date Received: 09/11/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8021B		1	12324	JP	EET ALB	09/17/24 07:47
Total/NA	Prep	SHAKE			12222	KR	EET ALB	09/13/24 10:51
Total/NA	Analysis	8015M/D		1	12209	KR	EET ALB	09/13/24 19:31
Total/NA	Prep	300_Prep			12269	JT	EET ALB	09/16/24 07:46
Total/NA	Analysis	300.0		20	12327	MA	EET ALB	09/16/24 10:21

Client Sample ID: TB-B28

Lab Sample ID: 885-11527-31

Date Collected: 09/09/24 11:42

Matrix: Solid

Date Received: 09/11/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8015M/D		1	12323	JP	EET ALB	09/17/24 08:11
Total/NA	Prep	5030C			12049	JR	EET ALB	09/11/24 13:20
Total/NA	Analysis	8021B		1	12324	JP	EET ALB	09/17/24 08:11
Total/NA	Prep	SHAKE			12222	KR	EET ALB	09/13/24 10:51
Total/NA	Analysis	8015M/D		1	12209	KR	EET ALB	09/13/24 19:43
Total/NA	Prep	300_Prep			12269	JT	EET ALB	09/16/24 07:46
Total/NA	Analysis	300.0		20	12327	MA	EET ALB	09/16/24 10:59

Client Sample ID: TB-B29

Lab Sample ID: 885-11527-32

Date Collected: 09/09/24 12:00

Matrix: Solid

Date Received: 09/11/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12079	JP	EET ALB	09/11/24 16:09
Total/NA	Analysis	8015M/D		1	12422	JP	EET ALB	09/17/24 22:31
Total/NA	Prep	5030C			12079	JP	EET ALB	09/11/24 16:09
Total/NA	Analysis	8021B		1	12423	JP	EET ALB	09/17/24 22:31
Total/NA	Prep	SHAKE			12236	KR	EET ALB	09/13/24 13:24
Total/NA	Analysis	8015M/D		1	12287	EM	EET ALB	09/16/24 16:07
Total/NA	Prep	300_Prep			12269	JT	EET ALB	09/16/24 07:46
Total/NA	Analysis	300.0		20	12327	MA	EET ALB	09/16/24 11:12

Client Sample ID: TB-B30

Lab Sample ID: 885-11527-33

Date Collected: 09/09/24 12:02

Matrix: Solid

Date Received: 09/11/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12079	JP	EET ALB	09/11/24 16:09
Total/NA	Analysis	8015M/D		1	12422	JP	EET ALB	09/17/24 23:41
Total/NA	Prep	5030C			12079	JP	EET ALB	09/11/24 16:09
Total/NA	Analysis	8021B		1	12423	JP	EET ALB	09/17/24 23:41

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B30

Lab Sample ID: 885-11527-33

Date Collected: 09/09/24 12:02

Matrix: Solid

Date Received: 09/11/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			12236	KR	EET ALB	09/13/24 13:24
Total/NA	Analysis	8015M/D		1	12287	EM	EET ALB	09/16/24 16:18
Total/NA	Prep	300_Prep			12269	JT	EET ALB	09/16/24 07:46
Total/NA	Analysis	300.0		20	12327	MA	EET ALB	09/16/24 11:25

Client Sample ID: TB-B31

Lab Sample ID: 885-11527-34

Date Collected: 09/09/24 12:04

Matrix: Solid

Date Received: 09/11/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12079	JP	EET ALB	09/11/24 16:09
Total/NA	Analysis	8015M/D		1	12422	JP	EET ALB	09/18/24 00:52
Total/NA	Prep	5030C			12079	JP	EET ALB	09/11/24 16:09
Total/NA	Analysis	8021B		1	12423	JP	EET ALB	09/18/24 00:52
Total/NA	Prep	SHAKE			12236	KR	EET ALB	09/13/24 13:24
Total/NA	Analysis	8015M/D		1	12287	EM	EET ALB	09/16/24 16:28
Total/NA	Prep	300_Prep			12270	JT	EET ALB	09/16/24 08:10
Total/NA	Analysis	300.0		20	12327	MA	EET ALB	09/16/24 15:17

Client Sample ID: TB-B32

Lab Sample ID: 885-11527-35

Date Collected: 09/09/24 12:06

Matrix: Solid

Date Received: 09/11/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12079	JP	EET ALB	09/11/24 16:09
Total/NA	Analysis	8015M/D		1	12422	JP	EET ALB	09/18/24 01:15
Total/NA	Prep	5030C			12079	JP	EET ALB	09/11/24 16:09
Total/NA	Analysis	8021B		1	12423	JP	EET ALB	09/18/24 01:15
Total/NA	Prep	SHAKE			12236	KR	EET ALB	09/13/24 13:24
Total/NA	Analysis	8015M/D		1	12287	EM	EET ALB	09/16/24 16:39
Total/NA	Prep	300_Prep			12270	JT	EET ALB	09/16/24 08:10
Total/NA	Analysis	300.0		20	12327	MA	EET ALB	09/16/24 16:22

Client Sample ID: TB-B33

Lab Sample ID: 885-11527-36

Date Collected: 09/09/24 12:08

Matrix: Solid

Date Received: 09/11/24 07:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12079	JP	EET ALB	09/11/24 16:09
Total/NA	Analysis	8015M/D		1	12422	JP	EET ALB	09/18/24 01:39
Total/NA	Prep	5030C			12079	JP	EET ALB	09/11/24 16:09
Total/NA	Analysis	8021B		1	12423	JP	EET ALB	09/18/24 01:39
Total/NA	Prep	SHAKE			12236	KR	EET ALB	09/13/24 13:24
Total/NA	Analysis	8015M/D		1	12287	EM	EET ALB	09/16/24 16:50

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B33

Date Collected: 09/09/24 12:08

Date Received: 09/11/24 07:50

Lab Sample ID: 885-11527-36

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			12270	JT	EET ALB	09/16/24 08:10
Total/NA	Analysis	300.0		20	12327	MA	EET ALB	09/16/24 17:00

Client Sample ID: TB-B34

Date Collected: 09/09/24 12:10

Date Received: 09/11/24 07:50

Lab Sample ID: 885-11527-37

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12079	JP	EET ALB	09/11/24 16:09
Total/NA	Analysis	8015M/D		1	12422	JP	EET ALB	09/18/24 02:02
Total/NA	Prep	5030C			12079	JP	EET ALB	09/11/24 16:09
Total/NA	Analysis	8021B		1	12423	JP	EET ALB	09/18/24 02:02
Total/NA	Prep	SHAKE			12236	KR	EET ALB	09/13/24 13:24
Total/NA	Analysis	8015M/D		1	12287	EM	EET ALB	09/16/24 17:01
Total/NA	Prep	300_Prep			12270	JT	EET ALB	09/16/24 08:10
Total/NA	Analysis	300.0		20	12327	MA	EET ALB	09/16/24 17:13

Client Sample ID: TB-B35

Date Collected: 09/09/24 12:14

Date Received: 09/11/24 07:50

Lab Sample ID: 885-11527-38

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12079	JP	EET ALB	09/11/24 16:09
Total/NA	Analysis	8015M/D		1	12422	JP	EET ALB	09/18/24 02:26
Total/NA	Prep	5030C			12079	JP	EET ALB	09/11/24 16:09
Total/NA	Analysis	8021B		1	12423	JP	EET ALB	09/18/24 02:26
Total/NA	Prep	SHAKE			12236	KR	EET ALB	09/13/24 13:24
Total/NA	Analysis	8015M/D		1	12287	EM	EET ALB	09/16/24 17:12
Total/NA	Prep	300_Prep			12270	JT	EET ALB	09/16/24 08:10
Total/NA	Analysis	300.0		20	12327	MA	EET ALB	09/16/24 17:26

Client Sample ID: TB-B36

Date Collected: 09/09/24 12:16

Date Received: 09/11/24 07:50

Lab Sample ID: 885-11527-39

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12079	JP	EET ALB	09/11/24 16:09
Total/NA	Analysis	8015M/D		1	12422	JP	EET ALB	09/18/24 02:49
Total/NA	Prep	5030C			12079	JP	EET ALB	09/11/24 16:09
Total/NA	Analysis	8021B		1	12423	JP	EET ALB	09/18/24 02:49
Total/NA	Prep	SHAKE			12236	KR	EET ALB	09/13/24 13:24
Total/NA	Analysis	8015M/D		1	12287	EM	EET ALB	09/16/24 17:22
Total/NA	Prep	300_Prep			12270	JT	EET ALB	09/16/24 08:10
Total/NA	Analysis	300.0		20	12327	MA	EET ALB	09/16/24 17:39

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-11527-1

Client Sample ID: TB-B37
Date Collected: 09/09/24 12:18
Date Received: 09/11/24 07:50

Lab Sample ID: 885-11527-40
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			12079	JP	EET ALB	09/11/24 16:09
Total/NA	Analysis	8015M/D		1	12422	JP	EET ALB	09/18/24 03:13
Total/NA	Prep	5030C			12079	JP	EET ALB	09/11/24 16:09
Total/NA	Analysis	8021B		1	12423	JP	EET ALB	09/18/24 03:13
Total/NA	Prep	SHAKE			12236	KR	EET ALB	09/13/24 13:24
Total/NA	Analysis	8015M/D		1	12287	EM	EET ALB	09/16/24 17:44
Total/NA	Prep	300_Prep			12270	JT	EET ALB	09/16/24 08:10
Total/NA	Analysis	300.0		20	12327	MA	EET ALB	09/16/24 17:52

Laboratory References:
EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

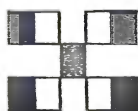
Job ID: 885-11527-1

Laboratory: Eurofins Albuquerque

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-26-25

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11



HALL ENVIRONMENTAL ANALYSIS LABORATORY

4901 Hawkins NE - Albuquerque, NM 87109

Tel 505-345-3975 Fax 505-345-4107

Analysis Request

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

Email or Fax#: Will@RangerEnv.com

QA/QC Package:

☒ **Standard**

Accreditation: ☐ Az Compliance

☐ **NELAC** ☐ **Other**

EDD (Type)	Excel

Date	Time	Matrix	Sample Name
------	------	--------	-------------

Page 79 of 82

ate:	Time:	Relinquished by:
------	-------	------------------

2006 12/10

ate:	Time:	Relinquished by:
------	-------	------------------

10/01	1900	1900
-------	------	------

Any sub-contracted data will be clearly notated on the analytical report. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

9/19/2024

PAGE 4 OF 4

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:

☒ Standard
 ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☒ NELAC
 ☐ Other

☒ EDD (Type)
 ☐ Excel

Turn-Around Time:

☐ Standard

☒ Rush 5 DAY TAT

Project Name:

Ray SWD #3

Project #: 5375

Project Manager: W. Kierdorf

Sampler: J. Martinez

On Ice:

☒ Yes

☐ No

chuck

of Coolers: 1

Cooler Temp (including CFI): 0.3 + 0.5 = 0.8 °C

Date	Time	Matrix	Sample Name
9/9/24	1210	SOIL	TB-B34
1214			TB-B35
1216			TB-B36
1218			TB-B37

Container Type and #

1x4oz Jar

Preservative Type

ICE

HEAL No.

37

38

39

40

BTX (8021)

TPH:8015D(GRO / DRO / MRO)

Chloride (EPA 300)

Analysis Request

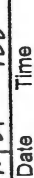
Remarks: Bill to EOG Artesia

Received by: Via: Date Time



9/10/24 9:00

Received by: Via: Date Time



9/11/24 7:50

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: Ranger Environmental Services, Inc

Job Number: 885-11527-1

Login Number: 11527

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

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").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	True	



Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

ANALYTICAL REPORT

PREPARED FOR

Attn: Will Kierdorf
Ranger Environmental Services, Inc
7215 McNeil Drive
PO BOX 201179
Austin, Texas 78729

Generated 10/11/2024 3:44:47 PM

JOB DESCRIPTION

Roy SWD #3

JOB NUMBER

885-13233-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Generated
10/11/2024 3:44:47 PM

Authorized for release by
Andy Freeman, Business Unit Manager
andy.freeman@et.eurofinsus.com
(505)345-3975

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Laboratory Job ID: 885-13233-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	16
QC Association Summary	18
Lab Chronicle	21
Certification Summary	25
Chain of Custody	26
Receipt Checklists	27



Definitions/Glossary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-13233-1

Glossary

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

Case Narrative

Client: Ranger Environmental Services, Inc
Project: Roy SWD #3

Job ID: 885-13233-1

Job ID: 885-13233-1

Eurofins Albuquerque

Job Narrative 885-13233-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 10/5/2024 9:00 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 5.4°C.

Gasoline Range Organics

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

GC VOA

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

Diesel Range Organics

Method 8015D_DRO: The continuing calibration verification (CCV) associated with batch 885-13871 recovered outside acceptance criteria, low biased, for Diesel Range Organics [C10-C28]. Samples with low surrogate will be re-ran. The following samples are associated TB-B4A (885-13233-1), TB-B14A (885-13233-2), TB-B20B (885-13233-3), TB-35A (885-13233-4), TB-B36A (885-13233-5), TB-B27A (885-13233-6), TB-B38A (885-13233-7), TB-B39 (885-13233-8), TB-B40 (885-13233-9), TB-B45 (885-13233-10) and (CCV 885-13871/34).

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.

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-13233-1

Client Sample ID: TB-B4A

Lab Sample ID: 885-13233-1

Date Collected: 10/03/24 13:30

Matrix: Solid

Date Received: 10/05/24 09:00

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		10/08/24 10:48	10/10/24 15:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		35 - 166			10/08/24 10:48	10/10/24 15:34	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		10/08/24 10:48	10/10/24 15:34	1
Ethylbenzene	ND		0.050	mg/Kg		10/08/24 10:48	10/10/24 15:34	1
Toluene	ND		0.050	mg/Kg		10/08/24 10:48	10/10/24 15:34	1
Xylenes, Total	ND		0.10	mg/Kg		10/08/24 10:48	10/10/24 15:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		48 - 145			10/08/24 10:48	10/10/24 15:34	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		10/08/24 11:46	10/08/24 18:28	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		10/08/24 11:46	10/08/24 18:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	85		62 - 134			10/08/24 11:46	10/08/24 18:28	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1400		60	mg/Kg		10/08/24 12:40	10/08/24 17:04	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-13233-1

Client Sample ID: TB-B14A

Lab Sample ID: 885-13233-2

Date Collected: 10/03/24 13:32

Matrix: Solid

Date Received: 10/05/24 09:00

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		10/08/24 10:48	10/10/24 15:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		35 - 166			10/08/24 10:48	10/10/24 15:57	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		10/08/24 10:48	10/10/24 15:57	1
Ethylbenzene	ND		0.048	mg/Kg		10/08/24 10:48	10/10/24 15:57	1
Toluene	ND		0.048	mg/Kg		10/08/24 10:48	10/10/24 15:57	1
Xylenes, Total	ND		0.096	mg/Kg		10/08/24 10:48	10/10/24 15:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		48 - 145			10/08/24 10:48	10/10/24 15:57	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1	mg/Kg		10/08/24 11:46	10/08/24 18:50	1
Motor Oil Range Organics [C28-C40]	ND		45	mg/Kg		10/08/24 11:46	10/08/24 18:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	85		62 - 134			10/08/24 11:46	10/08/24 18:50	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	550		60	mg/Kg		10/08/24 12:40	10/08/24 17:16	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-13233-1

Client Sample ID: TB-B20B
Date Collected: 10/03/24 13:34
Date Received: 10/05/24 09:00

Lab Sample ID: 885-13233-3
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		10/08/24 10:48	10/10/24 16:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		35 - 166			10/08/24 10:48	10/10/24 16:20	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		10/08/24 10:48	10/10/24 16:20	1
Ethylbenzene	ND		0.049	mg/Kg		10/08/24 10:48	10/10/24 16:20	1
Toluene	ND		0.049	mg/Kg		10/08/24 10:48	10/10/24 16:20	1
Xylenes, Total	ND		0.099	mg/Kg		10/08/24 10:48	10/10/24 16:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		48 - 145			10/08/24 10:48	10/10/24 16:20	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7	mg/Kg		10/08/24 11:46	10/08/24 19:01	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		10/08/24 11:46	10/08/24 19:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	83		62 - 134			10/08/24 11:46	10/08/24 19:01	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	900		60	mg/Kg		10/08/24 12:40	10/08/24 17:29	20

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-13233-1

Client Sample ID: TB-35A
Date Collected: 10/03/24 13:40
Date Received: 10/05/24 09:00

Lab Sample ID: 885-13233-4
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		10/08/24 10:48	10/10/24 16:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		35 - 166			10/08/24 10:48	10/10/24 16:44	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		10/08/24 10:48	10/10/24 16:44	1
Ethylbenzene	ND		0.047	mg/Kg		10/08/24 10:48	10/10/24 16:44	1
Toluene	ND		0.047	mg/Kg		10/08/24 10:48	10/10/24 16:44	1
Xylenes, Total	ND		0.094	mg/Kg		10/08/24 10:48	10/10/24 16:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		48 - 145			10/08/24 10:48	10/10/24 16:44	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1	mg/Kg		10/08/24 11:46	10/08/24 19:13	1
Motor Oil Range Organics [C28-C40]	ND		45	mg/Kg		10/08/24 11:46	10/08/24 19:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	78		62 - 134			10/08/24 11:46	10/08/24 19:13	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2300		150	mg/Kg		10/08/24 12:40	10/09/24 19:27	50

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-13233-1

Client Sample ID: TB-B36A
Date Collected: 10/03/24 13:46
Date Received: 10/05/24 09:00

Lab Sample ID: 885-13233-5
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		10/08/24 10:48	10/10/24 17:07	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	104		35 - 166			10/08/24 10:48	10/10/24 17:07	1	

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.025	mg/Kg		10/08/24 10:48	10/10/24 17:07	1	
Ethylbenzene	ND		0.049	mg/Kg		10/08/24 10:48	10/10/24 17:07	1	
Toluene	ND		0.049	mg/Kg		10/08/24 10:48	10/10/24 17:07	1	
Xylenes, Total	ND		0.099	mg/Kg		10/08/24 10:48	10/10/24 17:07	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	104		48 - 145			10/08/24 10:48	10/10/24 17:07	1	

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		10/08/24 11:46	10/08/24 19:24	1	
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		10/08/24 11:46	10/08/24 19:24	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	70		62 - 134			10/08/24 11:46	10/08/24 19:24	1	

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	970		60	mg/Kg		10/08/24 12:40	10/08/24 17:54	20	

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-13233-1

Client Sample ID: TB-B27A

Lab Sample ID: 885-13233-6

Date Collected: 10/03/24 14:00

Matrix: Solid

Date Received: 10/05/24 09:00

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		10/08/24 10:48	10/10/24 17:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		35 - 166			10/08/24 10:48	10/10/24 17:31	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		10/08/24 10:48	10/10/24 17:31	1
Ethylbenzene	ND		0.049	mg/Kg		10/08/24 10:48	10/10/24 17:31	1
Toluene	ND		0.049	mg/Kg		10/08/24 10:48	10/10/24 17:31	1
Xylenes, Total	ND		0.098	mg/Kg		10/08/24 10:48	10/10/24 17:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		48 - 145			10/08/24 10:48	10/10/24 17:31	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		10/08/24 11:46	10/08/24 19:35	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		10/08/24 11:46	10/08/24 19:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	75		62 - 134			10/08/24 11:46	10/08/24 19:35	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7000		300	mg/Kg		10/08/24 12:40	10/09/24 20:41	100

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-13233-1

Client Sample ID: TB-B38A

Lab Sample ID: 885-13233-7

Date Collected: 10/03/24 14:02

Matrix: Solid

Date Received: 10/05/24 09:00

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		10/08/24 10:48	10/10/24 17:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		35 - 166			10/08/24 10:48	10/10/24 17:54	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		10/08/24 10:48	10/10/24 17:54	1
Ethylbenzene	ND		0.047	mg/Kg		10/08/24 10:48	10/10/24 17:54	1
Toluene	ND		0.047	mg/Kg		10/08/24 10:48	10/10/24 17:54	1
Xylenes, Total	ND		0.093	mg/Kg		10/08/24 10:48	10/10/24 17:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		48 - 145			10/08/24 10:48	10/10/24 17:54	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.9	mg/Kg		10/08/24 11:46	10/08/24 19:46	1
Motor Oil Range Organics [C28-C40]	ND		45	mg/Kg		10/08/24 11:46	10/08/24 19:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	72		62 - 134			10/08/24 11:46	10/08/24 19:46	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	65		60	mg/Kg		10/08/24 12:40	10/08/24 18:18	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-13233-1

Client Sample ID: TB-B39

Lab Sample ID: 885-13233-8

Date Collected: 10/03/24 14:04

Matrix: Solid

Date Received: 10/05/24 09:00

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		10/08/24 10:48	10/10/24 18:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		35 - 166			10/08/24 10:48	10/10/24 18:18	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		10/08/24 10:48	10/10/24 18:18	1
Ethylbenzene	ND		0.048	mg/Kg		10/08/24 10:48	10/10/24 18:18	1
Toluene	ND		0.048	mg/Kg		10/08/24 10:48	10/10/24 18:18	1
Xylenes, Total	ND		0.096	mg/Kg		10/08/24 10:48	10/10/24 18:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		48 - 145			10/08/24 10:48	10/10/24 18:18	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4	mg/Kg		10/08/24 11:46	10/08/24 19:57	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		10/08/24 11:46	10/08/24 19:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	74		62 - 134			10/08/24 11:46	10/08/24 19:57	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66		60	mg/Kg		10/08/24 12:40	10/08/24 18:31	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-13233-1

Client Sample ID: TB-B40

Lab Sample ID: 885-13233-9

Date Collected: 10/03/24 14:06

Matrix: Solid

Date Received: 10/05/24 09:00

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6	mg/Kg		10/08/24 10:48	10/10/24 18:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		35 - 166			10/08/24 10:48	10/10/24 18:41	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		10/08/24 10:48	10/10/24 18:41	1
Ethylbenzene	ND		0.046	mg/Kg		10/08/24 10:48	10/10/24 18:41	1
Toluene	ND		0.046	mg/Kg		10/08/24 10:48	10/10/24 18:41	1
Xylenes, Total	ND		0.093	mg/Kg		10/08/24 10:48	10/10/24 18:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		48 - 145			10/08/24 10:48	10/10/24 18:41	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.6	mg/Kg		10/08/24 11:46	10/08/24 20:08	1
Motor Oil Range Organics [C28-C40]	ND		43	mg/Kg		10/08/24 11:46	10/08/24 20:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	77		62 - 134			10/08/24 11:46	10/08/24 20:08	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	82		60	mg/Kg		10/08/24 12:40	10/08/24 18:43	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-13233-1

Client Sample ID: TB-B45
Date Collected: 10/03/24 14:10
Date Received: 10/05/24 09:00

Lab Sample ID: 885-13233-10
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		10/08/24 10:48	10/10/24 19:05	1
Surrogate								
4-Bromofluorobenzene (Surr)	104		35 - 166			10/08/24 10:48	10/10/24 19:05	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		10/08/24 10:48	10/10/24 19:05	1
Ethylbenzene	ND		0.048	mg/Kg		10/08/24 10:48	10/10/24 19:05	1
Toluene	ND		0.048	mg/Kg		10/08/24 10:48	10/10/24 19:05	1
Xylenes, Total	ND		0.096	mg/Kg		10/08/24 10:48	10/10/24 19:05	1
Surrogate								
4-Bromofluorobenzene (Surr)	104		48 - 145			10/08/24 10:48	10/10/24 19:05	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.6	mg/Kg		10/08/24 11:46	10/08/24 20:19	1
Motor Oil Range Organics [C28-C40]	ND		43	mg/Kg		10/08/24 11:46	10/08/24 20:19	1
Surrogate								
Di-n-octyl phthalate (Surr)	79		62 - 134			10/08/24 11:46	10/08/24 20:19	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	77		60	mg/Kg		10/08/24 12:40	10/08/24 18:55	20

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-13233-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-13884/1-A

Matrix: Solid

Analysis Batch: 14083

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 13884

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		10/08/24 10:48	10/10/24 10:39	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		35 - 166			10/08/24 10:48	10/10/24 10:39	1

Lab Sample ID: LCS 885-13884/2-A

Matrix: Solid

Analysis Batch: 14083

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 13884

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10	25.0	23.8		mg/Kg		95	70 - 130	
Surrogate	LCS %Recovery	LCS Qualifier	Limits					
4-Bromofluorobenzene (Surr)	205		35 - 166					

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-13884/1-A

Matrix: Solid

Analysis Batch: 14084

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 13884

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		10/08/24 10:48	10/10/24 10:39	1
Ethylbenzene	ND		0.050	mg/Kg		10/08/24 10:48	10/10/24 10:39	1
Toluene	ND		0.050	mg/Kg		10/08/24 10:48	10/10/24 10:39	1
Xylenes, Total	ND		0.10	mg/Kg		10/08/24 10:48	10/10/24 10:39	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		48 - 145			10/08/24 10:48	10/10/24 10:39	1

Lab Sample ID: LCS 885-13884/3-A

Matrix: Solid

Analysis Batch: 14084

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 13884

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene	1.00	0.983		mg/Kg		98	70 - 130	
Ethylbenzene	1.00	0.988		mg/Kg		99	70 - 130	
Toluene	1.00	0.961		mg/Kg		96	70 - 130	
m-Xylene & p-Xylene	2.00	1.96		mg/Kg		98	70 - 130	
o-Xylene	1.00	0.962		mg/Kg		96	70 - 130	
Surrogate	LCS %Recovery	LCS Qualifier	Limits					
4-Bromofluorobenzene (Surr)	107		48 - 145					

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-13233-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-13886/1-A

Matrix: Solid

Analysis Batch: 13871

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 13886

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		10/08/24 11:46	10/08/24 17:23	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		10/08/24 11:46	10/08/24 17:23	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	84		62 - 134			10/08/24 11:46	10/08/24 17:23	1

Lab Sample ID: LCS 885-13886/2-A

Matrix: Solid

Analysis Batch: 13871

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 13886

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Diesel Range Organics [C10-C28]	50.0	42.4		mg/Kg		85	60 - 135	
Surrogate	LCS %Recovery	LCS Qualifier	Limits					
Di-n-octyl phthalate (Surr)	85		62 - 134					

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-13889/1-A

Matrix: Solid

Analysis Batch: 13948

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 13889

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0	mg/Kg		10/08/24 12:40	10/08/24 14:36	1

Lab Sample ID: LCS 885-13889/2-A

Matrix: Solid

Analysis Batch: 13948

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 13889

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride	30.0	29.3		mg/Kg		98	90 - 110	

Lab Sample ID: MRL 885-13984/61

Matrix: Solid

Analysis Batch: 13984

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride	0.500	0.530		mg/L		106	50 - 150	

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc

Project/Site: Roy SWD #3

Job ID: 885-13233-1

GC VOA

Prep Batch: 13884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13233-1	TB-B4A	Total/NA	Solid	5030C	
885-13233-2	TB-B14A	Total/NA	Solid	5030C	
885-13233-3	TB-B20B	Total/NA	Solid	5030C	
885-13233-4	TB-35A	Total/NA	Solid	5030C	
885-13233-5	TB-B36A	Total/NA	Solid	5030C	
885-13233-6	TB-B27A	Total/NA	Solid	5030C	
885-13233-7	TB-B38A	Total/NA	Solid	5030C	
885-13233-8	TB-B39	Total/NA	Solid	5030C	
885-13233-9	TB-B40	Total/NA	Solid	5030C	
885-13233-10	TB-B45	Total/NA	Solid	5030C	
MB 885-13884/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-13884/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-13884/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 14083

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13233-1	TB-B4A	Total/NA	Solid	8015M/D	13884
885-13233-2	TB-B14A	Total/NA	Solid	8015M/D	13884
885-13233-3	TB-B20B	Total/NA	Solid	8015M/D	13884
885-13233-4	TB-35A	Total/NA	Solid	8015M/D	13884
885-13233-5	TB-B36A	Total/NA	Solid	8015M/D	13884
885-13233-6	TB-B27A	Total/NA	Solid	8015M/D	13884
885-13233-7	TB-B38A	Total/NA	Solid	8015M/D	13884
885-13233-8	TB-B39	Total/NA	Solid	8015M/D	13884
885-13233-9	TB-B40	Total/NA	Solid	8015M/D	13884
885-13233-10	TB-B45	Total/NA	Solid	8015M/D	13884
MB 885-13884/1-A	Method Blank	Total/NA	Solid	8015M/D	13884
LCS 885-13884/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	13884

Analysis Batch: 14084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13233-1	TB-B4A	Total/NA	Solid	8021B	13884
885-13233-2	TB-B14A	Total/NA	Solid	8021B	13884
885-13233-3	TB-B20B	Total/NA	Solid	8021B	13884
885-13233-4	TB-35A	Total/NA	Solid	8021B	13884
885-13233-5	TB-B36A	Total/NA	Solid	8021B	13884
885-13233-6	TB-B27A	Total/NA	Solid	8021B	13884
885-13233-7	TB-B38A	Total/NA	Solid	8021B	13884
885-13233-8	TB-B39	Total/NA	Solid	8021B	13884
885-13233-9	TB-B40	Total/NA	Solid	8021B	13884
885-13233-10	TB-B45	Total/NA	Solid	8021B	13884
MB 885-13884/1-A	Method Blank	Total/NA	Solid	8021B	13884
LCS 885-13884/3-A	Lab Control Sample	Total/NA	Solid	8021B	13884

GC Semi VOA

Analysis Batch: 13871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13233-1	TB-B4A	Total/NA	Solid	8015M/D	13886
885-13233-2	TB-B14A	Total/NA	Solid	8015M/D	13886
885-13233-3	TB-B20B	Total/NA	Solid	8015M/D	13886

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-13233-1

GC Semi VOA (Continued)

Analysis Batch: 13871 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13233-4	TB-35A	Total/NA	Solid	8015M/D	13886
885-13233-5	TB-B36A	Total/NA	Solid	8015M/D	13886
885-13233-6	TB-B27A	Total/NA	Solid	8015M/D	13886
885-13233-7	TB-B38A	Total/NA	Solid	8015M/D	13886
885-13233-8	TB-B39	Total/NA	Solid	8015M/D	13886
885-13233-9	TB-B40	Total/NA	Solid	8015M/D	13886
885-13233-10	TB-B45	Total/NA	Solid	8015M/D	13886
MB 885-13886/1-A	Method Blank	Total/NA	Solid	8015M/D	13886
LCS 885-13886/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	13886

Prep Batch: 13886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13233-1	TB-B4A	Total/NA	Solid	SHAKE	
885-13233-2	TB-B14A	Total/NA	Solid	SHAKE	
885-13233-3	TB-B20B	Total/NA	Solid	SHAKE	
885-13233-4	TB-35A	Total/NA	Solid	SHAKE	
885-13233-5	TB-B36A	Total/NA	Solid	SHAKE	
885-13233-6	TB-B27A	Total/NA	Solid	SHAKE	
885-13233-7	TB-B38A	Total/NA	Solid	SHAKE	
885-13233-8	TB-B39	Total/NA	Solid	SHAKE	
885-13233-9	TB-B40	Total/NA	Solid	SHAKE	
885-13233-10	TB-B45	Total/NA	Solid	SHAKE	
MB 885-13886/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-13886/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 13889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13233-1	TB-B4A	Total/NA	Solid	300_Prep	
885-13233-2	TB-B14A	Total/NA	Solid	300_Prep	
885-13233-3	TB-B20B	Total/NA	Solid	300_Prep	
885-13233-4	TB-35A	Total/NA	Solid	300_Prep	
885-13233-5	TB-B36A	Total/NA	Solid	300_Prep	
885-13233-6	TB-B27A	Total/NA	Solid	300_Prep	
885-13233-7	TB-B38A	Total/NA	Solid	300_Prep	
885-13233-8	TB-B39	Total/NA	Solid	300_Prep	
885-13233-9	TB-B40	Total/NA	Solid	300_Prep	
885-13233-10	TB-B45	Total/NA	Solid	300_Prep	
MB 885-13889/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-13889/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 13948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13233-1	TB-B4A	Total/NA	Solid	300.0	13889
885-13233-2	TB-B14A	Total/NA	Solid	300.0	13889
885-13233-3	TB-B20B	Total/NA	Solid	300.0	13889
885-13233-5	TB-B36A	Total/NA	Solid	300.0	13889
885-13233-7	TB-B38A	Total/NA	Solid	300.0	13889
885-13233-8	TB-B39	Total/NA	Solid	300.0	13889
885-13233-9	TB-B40	Total/NA	Solid	300.0	13889

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-13233-1

HPLC/IC (Continued)

Analysis Batch: 13948 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13233-10	TB-B45	Total/NA	Solid	300.0	13889
MB 885-13889/1-A	Method Blank	Total/NA	Solid	300.0	13889
LCS 885-13889/2-A	Lab Control Sample	Total/NA	Solid	300.0	13889

Analysis Batch: 13984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13233-4	TB-35A	Total/NA	Solid	300.0	13889
885-13233-6	TB-B27A	Total/NA	Solid	300.0	13889
MRL 885-13984/61	Lab Control Sample	Total/NA	Solid	300.0	

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-13233-1

Client Sample ID: TB-B4A

Lab Sample ID: 885-13233-1

Date Collected: 10/03/24 13:30

Matrix: Solid

Date Received: 10/05/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			13884	JP	EET ALB	10/08/24 10:48
Total/NA	Analysis	8015M/D		1	14083	JP	EET ALB	10/10/24 15:34
Total/NA	Prep	5030C			13884	JP	EET ALB	10/08/24 10:48
Total/NA	Analysis	8021B		1	14084	JP	EET ALB	10/10/24 15:34
Total/NA	Prep	SHAKE			13886	KR	EET ALB	10/08/24 11:46
Total/NA	Analysis	8015M/D		1	13871	KR	EET ALB	10/08/24 18:28
Total/NA	Prep	300_Prep			13889	JT	EET ALB	10/08/24 12:40
Total/NA	Analysis	300.0		20	13948	EH	EET ALB	10/08/24 17:04

Client Sample ID: TB-B14A

Lab Sample ID: 885-13233-2

Date Collected: 10/03/24 13:32

Matrix: Solid

Date Received: 10/05/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			13884	JP	EET ALB	10/08/24 10:48
Total/NA	Analysis	8015M/D		1	14083	JP	EET ALB	10/10/24 15:57
Total/NA	Prep	5030C			13884	JP	EET ALB	10/08/24 10:48
Total/NA	Analysis	8021B		1	14084	JP	EET ALB	10/10/24 15:57
Total/NA	Prep	SHAKE			13886	KR	EET ALB	10/08/24 11:46
Total/NA	Analysis	8015M/D		1	13871	KR	EET ALB	10/08/24 18:50
Total/NA	Prep	300_Prep			13889	JT	EET ALB	10/08/24 12:40
Total/NA	Analysis	300.0		20	13948	EH	EET ALB	10/08/24 17:16

Client Sample ID: TB-B20B

Lab Sample ID: 885-13233-3

Date Collected: 10/03/24 13:34

Matrix: Solid

Date Received: 10/05/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			13884	JP	EET ALB	10/08/24 10:48
Total/NA	Analysis	8015M/D		1	14083	JP	EET ALB	10/10/24 16:20
Total/NA	Prep	5030C			13884	JP	EET ALB	10/08/24 10:48
Total/NA	Analysis	8021B		1	14084	JP	EET ALB	10/10/24 16:20
Total/NA	Prep	SHAKE			13886	KR	EET ALB	10/08/24 11:46
Total/NA	Analysis	8015M/D		1	13871	KR	EET ALB	10/08/24 19:01
Total/NA	Prep	300_Prep			13889	JT	EET ALB	10/08/24 12:40
Total/NA	Analysis	300.0		20	13948	EH	EET ALB	10/08/24 17:29

Client Sample ID: TB-35A

Lab Sample ID: 885-13233-4

Date Collected: 10/03/24 13:40

Matrix: Solid

Date Received: 10/05/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			13884	JP	EET ALB	10/08/24 10:48
Total/NA	Analysis	8015M/D		1	14083	JP	EET ALB	10/10/24 16:44

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-13233-1

Client Sample ID: TB-35A

Lab Sample ID: 885-13233-4

Date Collected: 10/03/24 13:40

Matrix: Solid

Date Received: 10/05/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			13884	JP	EET ALB	10/08/24 10:48
Total/NA	Analysis	8021B		1	14084	JP	EET ALB	10/10/24 16:44
Total/NA	Prep	SHAKE			13886	KR	EET ALB	10/08/24 11:46
Total/NA	Analysis	8015M/D		1	13871	KR	EET ALB	10/08/24 19:13
Total/NA	Prep	300_Prep			13889	JT	EET ALB	10/08/24 12:40
Total/NA	Analysis	300.0		50	13984	EH	EET ALB	10/09/24 19:27

Client Sample ID: TB-B36A

Lab Sample ID: 885-13233-5

Date Collected: 10/03/24 13:46

Matrix: Solid

Date Received: 10/05/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			13884	JP	EET ALB	10/08/24 10:48
Total/NA	Analysis	8015M/D		1	14083	JP	EET ALB	10/10/24 17:07
Total/NA	Prep	5030C			13884	JP	EET ALB	10/08/24 10:48
Total/NA	Analysis	8021B		1	14084	JP	EET ALB	10/10/24 17:07
Total/NA	Prep	SHAKE			13886	KR	EET ALB	10/08/24 11:46
Total/NA	Analysis	8015M/D		1	13871	KR	EET ALB	10/08/24 19:24
Total/NA	Prep	300_Prep			13889	JT	EET ALB	10/08/24 12:40
Total/NA	Analysis	300.0		20	13948	EH	EET ALB	10/08/24 17:54

Client Sample ID: TB-B27A

Lab Sample ID: 885-13233-6

Date Collected: 10/03/24 14:00

Matrix: Solid

Date Received: 10/05/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			13884	JP	EET ALB	10/08/24 10:48
Total/NA	Analysis	8015M/D		1	14083	JP	EET ALB	10/10/24 17:31
Total/NA	Prep	5030C			13884	JP	EET ALB	10/08/24 10:48
Total/NA	Analysis	8021B		1	14084	JP	EET ALB	10/10/24 17:31
Total/NA	Prep	SHAKE			13886	KR	EET ALB	10/08/24 11:46
Total/NA	Analysis	8015M/D		1	13871	KR	EET ALB	10/08/24 19:35
Total/NA	Prep	300_Prep			13889	JT	EET ALB	10/08/24 12:40
Total/NA	Analysis	300.0		100	13984	EH	EET ALB	10/09/24 20:41

Client Sample ID: TB-B38A

Lab Sample ID: 885-13233-7

Date Collected: 10/03/24 14:02

Matrix: Solid

Date Received: 10/05/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			13884	JP	EET ALB	10/08/24 10:48
Total/NA	Analysis	8015M/D		1	14083	JP	EET ALB	10/10/24 17:54
Total/NA	Prep	5030C			13884	JP	EET ALB	10/08/24 10:48
Total/NA	Analysis	8021B		1	14084	JP	EET ALB	10/10/24 17:54

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-13233-1

Client Sample ID: TB-B38A

Lab Sample ID: 885-13233-7

Date Collected: 10/03/24 14:02

Matrix: Solid

Date Received: 10/05/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			13886	KR	EET ALB	10/08/24 11:46
Total/NA	Analysis	8015M/D		1	13871	KR	EET ALB	10/08/24 19:46
Total/NA	Prep	300_Prep			13889	JT	EET ALB	10/08/24 12:40
Total/NA	Analysis	300.0		20	13948	EH	EET ALB	10/08/24 18:18

Client Sample ID: TB-B39

Lab Sample ID: 885-13233-8

Date Collected: 10/03/24 14:04

Matrix: Solid

Date Received: 10/05/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			13884	JP	EET ALB	10/08/24 10:48
Total/NA	Analysis	8015M/D		1	14083	JP	EET ALB	10/10/24 18:18
Total/NA	Prep	5030C			13884	JP	EET ALB	10/08/24 10:48
Total/NA	Analysis	8021B		1	14084	JP	EET ALB	10/10/24 18:18
Total/NA	Prep	SHAKE			13886	KR	EET ALB	10/08/24 11:46
Total/NA	Analysis	8015M/D		1	13871	KR	EET ALB	10/08/24 19:57
Total/NA	Prep	300_Prep			13889	JT	EET ALB	10/08/24 12:40
Total/NA	Analysis	300.0		20	13948	EH	EET ALB	10/08/24 18:31

Client Sample ID: TB-B40

Lab Sample ID: 885-13233-9

Date Collected: 10/03/24 14:06

Matrix: Solid

Date Received: 10/05/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			13884	JP	EET ALB	10/08/24 10:48
Total/NA	Analysis	8015M/D		1	14083	JP	EET ALB	10/10/24 18:41
Total/NA	Prep	5030C			13884	JP	EET ALB	10/08/24 10:48
Total/NA	Analysis	8021B		1	14084	JP	EET ALB	10/10/24 18:41
Total/NA	Prep	SHAKE			13886	KR	EET ALB	10/08/24 11:46
Total/NA	Analysis	8015M/D		1	13871	KR	EET ALB	10/08/24 20:08
Total/NA	Prep	300_Prep			13889	JT	EET ALB	10/08/24 12:40
Total/NA	Analysis	300.0		20	13948	EH	EET ALB	10/08/24 18:43

Client Sample ID: TB-B45

Lab Sample ID: 885-13233-10

Date Collected: 10/03/24 14:10

Matrix: Solid

Date Received: 10/05/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			13884	JP	EET ALB	10/08/24 10:48
Total/NA	Analysis	8015M/D		1	14083	JP	EET ALB	10/10/24 19:05
Total/NA	Prep	5030C			13884	JP	EET ALB	10/08/24 10:48
Total/NA	Analysis	8021B		1	14084	JP	EET ALB	10/10/24 19:05
Total/NA	Prep	SHAKE			13886	KR	EET ALB	10/08/24 11:46
Total/NA	Analysis	8015M/D		1	13871	KR	EET ALB	10/08/24 20:19

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-13233-1

Client Sample ID: TB-B45
Date Collected: 10/03/24 14:10
Date Received: 10/05/24 09:00

Lab Sample ID: 885-13233-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			13889	JT	EET ALB	10/08/24 12:40
Total/NA	Analysis	300.0		20	13948	EH	EET ALB	10/08/24 18:55

Laboratory References:
EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-13233-1

Laboratory: Eurofins Albuquerque

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-26-25

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:

☒ Standard
 ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☒ NELAC
 ☐ Other

☒ EDD (Type)
 ☐ Excel

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
10/13/24	1330	SOIL	TB-44 TB-B44	1x4oz Jar	ICE	1
	1332		TB-B144			2
	1334		TB-B20B			3
	1340		TB-B35A			4
	1346		TB-B36A			5
	1406		TB-B27A			6
	1402		TB-B38A			7
	1404		TB-B39			8
	1406		TB-B40			9
	1410		TB-B45			10

Date:	Time:	Relinquished by:	Via:	Date:	Time:
10/14/24	0845			10/14/24	0845
Date:	Time:	Relinquished by:	Via:	Date:	Time:
10/14/24	1900		Courier	10/15/24	9:00

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

PAGE 7 OF 7

HALL ENVIRONM
ANALYSIS LABOR

885-13233 COC

4901 Hawkins NE - Albuquerque, NM 8710

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

 BTEX (8021) ☒
 TPH:8015D(GRO / DRO / MRO) ☒
 Chloride (EPA 300) ☒

Remarks: Bill to EOG Artesia

Login Sample Receipt Checklist

Client: Ranger Environmental Services, Inc

Job Number: 885-13233-1

Login Number: 13233
List Number: 1
Creator: Casarrubias, Tracy

List Source: Eurofins Albuquerque

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").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	



Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

ANALYTICAL REPORT

PREPARED FOR

Attn: Will Kierdorf
Ranger Environmental Services, Inc
7215 McNeil Drive
PO BOX 201179
Austin, Texas 78729

Generated 10/24/2024 12:58:32 PM

JOB DESCRIPTION

ROY SWD #3

JOB NUMBER

885-13994-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.
Released to Imaging: 1/21/2025 3:46:30 PM



Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Generated
10/24/2024 12:58:32 PM

Authorized for release by
Andy Freeman, Business Unit Manager
andy.freeman@et.eurofinsus.com
(505)345-3975

Client: Ranger Environmental Services, Inc
Project/Site: ROY SWD #3

Laboratory Job ID: 885-13994-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	12
QC Association Summary	15
Lab Chronicle	17
Certification Summary	19
Chain of Custody	20
Receipt Checklists	21



Definitions/Glossary

Client: Ranger Environmental Services, Inc
Project/Site: ROY SWD #3

Job ID: 885-13994-1

Glossary

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

Case Narrative

Client: Ranger Environmental Services, Inc
Project: ROY SWD #3

Job ID: 885-13994-1

Job ID: 885-13994-1

Eurofins Albuquerque

Job Narrative 885-13994-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 10/19/2024 11:35 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 0.3°C.

Gasoline Range Organics

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

GC VOA

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

Diesel Range Organics

Method 8015D_DRO: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 885-14629 and analytical batch 885-14585 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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.

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: ROY SWD #3

Job ID: 885-13994-1

Client Sample ID: TB-B4B

Lab Sample ID: 885-13994-1

Date Collected: 10/17/24 13:10

Matrix: Solid

Date Received: 10/19/24 11:35

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		10/21/24 10:29	10/22/24 18:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		35 - 166			10/21/24 10:29	10/22/24 18:51	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		10/21/24 10:29	10/22/24 18:51	1
Ethylbenzene	ND		0.049	mg/Kg		10/21/24 10:29	10/22/24 18:51	1
Toluene	ND		0.049	mg/Kg		10/21/24 10:29	10/22/24 18:51	1
Xylenes, Total	ND		0.098	mg/Kg		10/21/24 10:29	10/22/24 18:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		48 - 145			10/21/24 10:29	10/22/24 18:51	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		10/21/24 12:47	10/21/24 18:29	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		10/21/24 12:47	10/21/24 18:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	86		62 - 134			10/21/24 12:47	10/21/24 18:29	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	230		60	mg/Kg		10/21/24 14:25	10/22/24 03:13	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: ROY SWD #3

Job ID: 885-13994-1

Client Sample ID: TB-B20C

Lab Sample ID: 885-13994-2

Date Collected: 10/17/24 13:14

Matrix: Solid

Date Received: 10/19/24 11:35

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		10/21/24 10:29	10/22/24 20:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		35 - 166			10/21/24 10:29	10/22/24 20:02	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		10/21/24 10:29	10/22/24 20:02	1
Ethylbenzene	ND		0.047	mg/Kg		10/21/24 10:29	10/22/24 20:02	1
Toluene	ND		0.047	mg/Kg		10/21/24 10:29	10/22/24 20:02	1
Xylenes, Total	ND		0.094	mg/Kg		10/21/24 10:29	10/22/24 20:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		48 - 145			10/21/24 10:29	10/22/24 20:02	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		10/21/24 12:47	10/21/24 18:41	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		10/21/24 12:47	10/21/24 18:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	87		62 - 134			10/21/24 12:47	10/21/24 18:41	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		60	mg/Kg		10/21/24 14:25	10/22/24 04:07	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: ROY SWD #3

Job ID: 885-13994-1

Client Sample ID: TB-B27B

Lab Sample ID: 885-13994-3

Date Collected: 10/17/24 13:20

Matrix: Solid

Date Received: 10/19/24 11:35

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		10/21/24 10:29	10/22/24 21:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			10/21/24 10:29	10/22/24 21:13	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		10/21/24 10:29	10/22/24 21:13	1
Ethylbenzene	ND		0.049	mg/Kg		10/21/24 10:29	10/22/24 21:13	1
Toluene	ND		0.049	mg/Kg		10/21/24 10:29	10/22/24 21:13	1
Xylenes, Total	ND		0.099	mg/Kg		10/21/24 10:29	10/22/24 21:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		48 - 145			10/21/24 10:29	10/22/24 21:13	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		10/21/24 12:47	10/21/24 18:54	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		10/21/24 12:47	10/21/24 18:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	89		62 - 134			10/21/24 12:47	10/21/24 18:54	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	200		60	mg/Kg		10/21/24 14:25	10/22/24 04:18	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: ROY SWD #3

Job ID: 885-13994-1

Client Sample ID: TB-B35B

Lab Sample ID: 885-13994-4

Date Collected: 10/17/24 13:22

Matrix: Solid

Date Received: 10/19/24 11:35

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		10/21/24 10:29	10/22/24 21:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			10/21/24 10:29	10/22/24 21:37	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		10/21/24 10:29	10/22/24 21:37	1
Ethylbenzene	ND		0.047	mg/Kg		10/21/24 10:29	10/22/24 21:37	1
Toluene	ND		0.047	mg/Kg		10/21/24 10:29	10/22/24 21:37	1
Xylenes, Total	ND		0.095	mg/Kg		10/21/24 10:29	10/22/24 21:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		48 - 145			10/21/24 10:29	10/22/24 21:37	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7	mg/Kg		10/21/24 12:47	10/21/24 19:07	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		10/21/24 12:47	10/21/24 19:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	91		62 - 134			10/21/24 12:47	10/21/24 19:07	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	150		60	mg/Kg		10/21/24 14:25	10/22/24 04:29	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: ROY SWD #3

Job ID: 885-13994-1

Client Sample ID: TB-B36B

Lab Sample ID: 885-13994-5

Date Collected: 10/17/24 13:24

Matrix: Solid

Date Received: 10/19/24 11:35

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		10/21/24 10:29	10/22/24 22:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		35 - 166			10/21/24 10:29	10/22/24 22:00	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		10/21/24 10:29	10/22/24 22:00	1
Ethylbenzene	ND		0.047	mg/Kg		10/21/24 10:29	10/22/24 22:00	1
Toluene	ND		0.047	mg/Kg		10/21/24 10:29	10/22/24 22:00	1
Xylenes, Total	ND		0.094	mg/Kg		10/21/24 10:29	10/22/24 22:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		48 - 145			10/21/24 10:29	10/22/24 22:00	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		10/21/24 12:47	10/21/24 19:20	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		10/21/24 12:47	10/21/24 19:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	88		62 - 134			10/21/24 12:47	10/21/24 19:20	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	330		60	mg/Kg		10/21/24 14:25	10/22/24 04:40	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: ROY SWD #3

Job ID: 885-13994-1

Client Sample ID: TB-B37A

Lab Sample ID: 885-13994-6

Date Collected: 10/17/24 13:26

Matrix: Solid

Date Received: 10/19/24 11:35

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		10/21/24 10:29	10/22/24 22:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		35 - 166			10/21/24 10:29	10/22/24 22:24	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		10/21/24 10:29	10/22/24 22:24	1
Ethylbenzene	ND		0.049	mg/Kg		10/21/24 10:29	10/22/24 22:24	1
Toluene	ND		0.049	mg/Kg		10/21/24 10:29	10/22/24 22:24	1
Xylenes, Total	ND		0.098	mg/Kg		10/21/24 10:29	10/22/24 22:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		48 - 145			10/21/24 10:29	10/22/24 22:24	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.9	mg/Kg		10/21/24 12:47	10/21/24 19:33	1
Motor Oil Range Organics [C28-C40]	ND		45	mg/Kg		10/21/24 12:47	10/21/24 19:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	85		62 - 134			10/21/24 12:47	10/21/24 19:33	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	250		60	mg/Kg		10/21/24 14:25	10/22/24 04:50	20

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: ROY SWD #3

Job ID: 885-13994-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: LCS 885-14592/2-A

Matrix: Solid

Analysis Batch: 14740

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 14592

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10			25.0	25.6		mg/Kg		102	70 - 130		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	202		35 - 166								

Lab Sample ID: 885-13994-1 MS

Matrix: Solid

Analysis Batch: 14740

Client Sample ID: TB-B4B

Prep Type: Total/NA

Prep Batch: 14592

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10	ND		24.6	28.1		mg/Kg		114	70 - 130		
Surrogate	MS	MS									
4-Bromofluorobenzene (Surr)	%Recovery	Qualifier	Limits								
	212		35 - 166								

Lab Sample ID: 885-13994-1 MSD

Matrix: Solid

Analysis Batch: 14740

Client Sample ID: TB-B4B

Prep Type: Total/NA

Prep Batch: 14592

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	ND		24.6	27.9		mg/Kg		113	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	212		35 - 166								

Lab Sample ID: MB 885-4592/1-A

Matrix: Solid

Analysis Batch: 14740

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 4592

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		05/08/24 12:36	10/22/24 17:40	1
Surrogate	MB	MB	Limits			Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier						
4-Bromofluorobenzene (Surr)	96		35 - 166			05/08/24 12:36	10/22/24 17:40	1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: LCS 885-14592/3-A

Matrix: Solid

Analysis Batch: 14741

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 14592

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	1.08		mg/Kg		108	70 - 130
Ethylbenzene	1.00	1.08		mg/Kg		108	70 - 130
Toluene	1.00	1.09		mg/Kg		109	70 - 130

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: ROY SWD #3

Job ID: 885-13994-1

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

Lab Sample ID: LCS 885-14592/3-A

Matrix: Solid

Analysis Batch: 14741

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 14592

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
m-Xylene & p-Xylene	2.00	2.13		mg/Kg		107	70 - 130
o-Xylene	1.00	1.05		mg/Kg		105	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	96		48 - 145				

Lab Sample ID: 885-13994-2 MS

Matrix: Solid

Analysis Batch: 14741

Client Sample ID: TB-B20C

Prep Type: Total/NA

Prep Batch: 14592

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.943	1.09		mg/Kg		116	70 - 130
Ethylbenzene	ND		0.943	1.12		mg/Kg		118	70 - 130
Toluene	ND		0.943	1.10		mg/Kg		116	70 - 130
m-Xylene & p-Xylene	ND		1.89	2.20		mg/Kg		117	70 - 130
o-Xylene	ND		0.943	1.10		mg/Kg		117	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	98		48 - 145						

Lab Sample ID: 885-13994-2 MSD

Matrix: Solid

Analysis Batch: 14741

Client Sample ID: TB-B20C

Prep Type: Total/NA

Prep Batch: 14592

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
										RPD	Limit
Benzene	ND		0.940	1.10		mg/Kg		117	70 - 130	1	20
Ethylbenzene	ND		0.940	1.14		mg/Kg		121	70 - 130	2	20
Toluene	ND		0.940	1.11		mg/Kg		118	70 - 130	2	20
m-Xylene & p-Xylene	ND		1.88	2.24		mg/Kg		119	70 - 130	2	20
o-Xylene	ND		0.940	1.10		mg/Kg		117	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	100		48 - 145								

Lab Sample ID: MB 885-4592/1-A

Matrix: Solid

Analysis Batch: 14741

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 4592

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		05/08/24 12:36	10/22/24 17:40	1
Ethylbenzene	ND		0.050	mg/Kg		05/08/24 12:36	10/22/24 17:40	1
Toluene	ND		0.050	mg/Kg		05/08/24 12:36	10/22/24 17:40	1
Xylenes, Total	ND		0.10	mg/Kg		05/08/24 12:36	10/22/24 17:40	1
Surrogate	MB %Recovery	MB Qualifier	Limits					
4-Bromofluorobenzene (Surr)	95		48 - 145					
						Prepared	Analyzed	Dil Fac
						05/08/24 12:36	10/22/24 17:40	1

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: ROY SWD #3

Job ID: 885-13994-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-14629/1-A						Client Sample ID: Method Blank			
Matrix: Solid						Prep Type: Total/NA			
Analysis Batch: 14585						Prep Batch: 14629			
Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		10/21/24 12:47	10/21/24 14:39	1	
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		10/21/24 12:47	10/21/24 14:39	1	
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	90		62 - 134			10/21/24 12:47	10/21/24 14:39	1	

Lab Sample ID: LCS 885-14629/2-A						Client Sample ID: Lab Control Sample			
Matrix: Solid						Prep Type: Total/NA			
Analysis Batch: 14585						Prep Batch: 14629			
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]			50.0	45.8		mg/Kg		92	60 - 135
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
Di-n-octyl phthalate (Surr)	92		62 - 134						

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-14640/1-A

Matrix: Solid

Analysis Batch: 14643

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 14640

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0	mg/Kg		10/21/24 14:25	10/22/24 00:08	1

Lab Sample ID: LCS 885-14640/2-A

Matrix: Solid

Analysis Batch: 14643

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 14640

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	30.0	30.3		mg/Kg		101	90 - 110

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: ROY SWD #3

Job ID: 885-13994-1

GC VOA

Prep Batch: 4592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-4592/1-A	Method Blank	Total/NA	Solid	5030C	

Prep Batch: 14592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13994-1	TB-B4B	Total/NA	Solid	5030C	
885-13994-2	TB-B20C	Total/NA	Solid	5030C	
885-13994-3	TB-B27B	Total/NA	Solid	5030C	
885-13994-4	TB-B35B	Total/NA	Solid	5030C	
885-13994-5	TB-B36B	Total/NA	Solid	5030C	
885-13994-6	TB-B37A	Total/NA	Solid	5030C	
LCS 885-14592/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-14592/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-13994-1 MS	TB-B4B	Total/NA	Solid	5030C	
885-13994-1 MSD	TB-B4B	Total/NA	Solid	5030C	
885-13994-2 MS	TB-B20C	Total/NA	Solid	5030C	
885-13994-2 MSD	TB-B20C	Total/NA	Solid	5030C	

Analysis Batch: 14740

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13994-1	TB-B4B	Total/NA	Solid	8015M/D	14592
885-13994-2	TB-B20C	Total/NA	Solid	8015M/D	14592
885-13994-3	TB-B27B	Total/NA	Solid	8015M/D	14592
885-13994-4	TB-B35B	Total/NA	Solid	8015M/D	14592
885-13994-5	TB-B36B	Total/NA	Solid	8015M/D	14592
885-13994-6	TB-B37A	Total/NA	Solid	8015M/D	14592
MB 885-4592/1-A	Method Blank	Total/NA	Solid	8015M/D	4592
LCS 885-14592/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	14592
885-13994-1 MS	TB-B4B	Total/NA	Solid	8015M/D	14592
885-13994-1 MSD	TB-B4B	Total/NA	Solid	8015M/D	14592

Analysis Batch: 14741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13994-1	TB-B4B	Total/NA	Solid	8021B	14592
885-13994-2	TB-B20C	Total/NA	Solid	8021B	14592
885-13994-3	TB-B27B	Total/NA	Solid	8021B	14592
885-13994-4	TB-B35B	Total/NA	Solid	8021B	14592
885-13994-5	TB-B36B	Total/NA	Solid	8021B	14592
885-13994-6	TB-B37A	Total/NA	Solid	8021B	14592
MB 885-4592/1-A	Method Blank	Total/NA	Solid	8021B	4592
LCS 885-14592/3-A	Lab Control Sample	Total/NA	Solid	8021B	14592
885-13994-2 MS	TB-B20C	Total/NA	Solid	8021B	14592
885-13994-2 MSD	TB-B20C	Total/NA	Solid	8021B	14592

GC Semi VOA

Analysis Batch: 14585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13994-1	TB-B4B	Total/NA	Solid	8015M/D	14629
885-13994-2	TB-B20C	Total/NA	Solid	8015M/D	14629
885-13994-3	TB-B27B	Total/NA	Solid	8015M/D	14629
885-13994-4	TB-B35B	Total/NA	Solid	8015M/D	14629

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: ROY SWD #3

Job ID: 885-13994-1

GC Semi VOA (Continued)

Analysis Batch: 14585 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13994-5	TB-B36B	Total/NA	Solid	8015M/D	14629
885-13994-6	TB-B37A	Total/NA	Solid	8015M/D	14629
MB 885-14629/1-A	Method Blank	Total/NA	Solid	8015M/D	14629
LCS 885-14629/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	14629

Prep Batch: 14629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13994-1	TB-B4B	Total/NA	Solid	SHAKE	
885-13994-2	TB-B20C	Total/NA	Solid	SHAKE	
885-13994-3	TB-B27B	Total/NA	Solid	SHAKE	
885-13994-4	TB-B35B	Total/NA	Solid	SHAKE	
885-13994-5	TB-B36B	Total/NA	Solid	SHAKE	
885-13994-6	TB-B37A	Total/NA	Solid	SHAKE	
MB 885-14629/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-14629/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 14640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13994-1	TB-B4B	Total/NA	Solid	300_Prep	
885-13994-2	TB-B20C	Total/NA	Solid	300_Prep	
885-13994-3	TB-B27B	Total/NA	Solid	300_Prep	
885-13994-4	TB-B35B	Total/NA	Solid	300_Prep	
885-13994-5	TB-B36B	Total/NA	Solid	300_Prep	
885-13994-6	TB-B37A	Total/NA	Solid	300_Prep	
MB 885-14640/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-14640/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 14643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-13994-1	TB-B4B	Total/NA	Solid	300.0	14640
885-13994-2	TB-B20C	Total/NA	Solid	300.0	14640
885-13994-3	TB-B27B	Total/NA	Solid	300.0	14640
885-13994-4	TB-B35B	Total/NA	Solid	300.0	14640
885-13994-5	TB-B36B	Total/NA	Solid	300.0	14640
885-13994-6	TB-B37A	Total/NA	Solid	300.0	14640
MB 885-14640/1-A	Method Blank	Total/NA	Solid	300.0	14640
LCS 885-14640/2-A	Lab Control Sample	Total/NA	Solid	300.0	14640

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: ROY SWD #3

Job ID: 885-13994-1

Client Sample ID: TB-B4B

Lab Sample ID: 885-13994-1

Date Collected: 10/17/24 13:10

Matrix: Solid

Date Received: 10/19/24 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14592	JP	EET ALB	10/21/24 10:29
Total/NA	Analysis	8015M/D		1	14740	JP	EET ALB	10/22/24 18:51
Total/NA	Prep	5030C			14592	JP	EET ALB	10/21/24 10:29
Total/NA	Analysis	8021B		1	14741	JP	EET ALB	10/22/24 18:51
Total/NA	Prep	SHAKE			14629	KR	EET ALB	10/21/24 12:47
Total/NA	Analysis	8015M/D		1	14585	KR	EET ALB	10/21/24 18:29
Total/NA	Prep	300_Prep			14640	EH	EET ALB	10/21/24 14:25
Total/NA	Analysis	300.0		20	14643	EH	EET ALB	10/22/24 03:13

Client Sample ID: TB-B20C

Lab Sample ID: 885-13994-2

Date Collected: 10/17/24 13:14

Matrix: Solid

Date Received: 10/19/24 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14592	JP	EET ALB	10/21/24 10:29
Total/NA	Analysis	8015M/D		1	14740	JP	EET ALB	10/22/24 20:02
Total/NA	Prep	5030C			14592	JP	EET ALB	10/21/24 10:29
Total/NA	Analysis	8021B		1	14741	JP	EET ALB	10/22/24 20:02
Total/NA	Prep	SHAKE			14629	KR	EET ALB	10/21/24 12:47
Total/NA	Analysis	8015M/D		1	14585	KR	EET ALB	10/21/24 18:41
Total/NA	Prep	300_Prep			14640	EH	EET ALB	10/21/24 14:25
Total/NA	Analysis	300.0		20	14643	EH	EET ALB	10/22/24 04:07

Client Sample ID: TB-B27B

Lab Sample ID: 885-13994-3

Date Collected: 10/17/24 13:20

Matrix: Solid

Date Received: 10/19/24 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14592	JP	EET ALB	10/21/24 10:29
Total/NA	Analysis	8015M/D		1	14740	JP	EET ALB	10/22/24 21:13
Total/NA	Prep	5030C			14592	JP	EET ALB	10/21/24 10:29
Total/NA	Analysis	8021B		1	14741	JP	EET ALB	10/22/24 21:13
Total/NA	Prep	SHAKE			14629	KR	EET ALB	10/21/24 12:47
Total/NA	Analysis	8015M/D		1	14585	KR	EET ALB	10/21/24 18:54
Total/NA	Prep	300_Prep			14640	EH	EET ALB	10/21/24 14:25
Total/NA	Analysis	300.0		20	14643	EH	EET ALB	10/22/24 04:18

Client Sample ID: TB-B35B

Lab Sample ID: 885-13994-4

Date Collected: 10/17/24 13:22

Matrix: Solid

Date Received: 10/19/24 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14592	JP	EET ALB	10/21/24 10:29
Total/NA	Analysis	8015M/D		1	14740	JP	EET ALB	10/22/24 21:37

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: ROY SWD #3

Job ID: 885-13994-1

Client Sample ID: TB-B35B

Lab Sample ID: 885-13994-4

Date Collected: 10/17/24 13:22

Matrix: Solid

Date Received: 10/19/24 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14592	JP	EET ALB	10/21/24 10:29
Total/NA	Analysis	8021B		1	14741	JP	EET ALB	10/22/24 21:37
Total/NA	Prep	SHAKE			14629	KR	EET ALB	10/21/24 12:47
Total/NA	Analysis	8015M/D		1	14585	KR	EET ALB	10/21/24 19:07
Total/NA	Prep	300_Prep			14640	EH	EET ALB	10/21/24 14:25
Total/NA	Analysis	300.0		20	14643	EH	EET ALB	10/22/24 04:29

Client Sample ID: TB-B36B

Lab Sample ID: 885-13994-5

Date Collected: 10/17/24 13:24

Matrix: Solid

Date Received: 10/19/24 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14592	JP	EET ALB	10/21/24 10:29
Total/NA	Analysis	8015M/D		1	14740	JP	EET ALB	10/22/24 22:00
Total/NA	Prep	5030C			14592	JP	EET ALB	10/21/24 10:29
Total/NA	Analysis	8021B		1	14741	JP	EET ALB	10/22/24 22:00
Total/NA	Prep	SHAKE			14629	KR	EET ALB	10/21/24 12:47
Total/NA	Analysis	8015M/D		1	14585	KR	EET ALB	10/21/24 19:20
Total/NA	Prep	300_Prep			14640	EH	EET ALB	10/21/24 14:25
Total/NA	Analysis	300.0		20	14643	EH	EET ALB	10/22/24 04:40

Client Sample ID: TB-B37A

Lab Sample ID: 885-13994-6

Date Collected: 10/17/24 13:26

Matrix: Solid

Date Received: 10/19/24 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			14592	JP	EET ALB	10/21/24 10:29
Total/NA	Analysis	8015M/D		1	14740	JP	EET ALB	10/22/24 22:24
Total/NA	Prep	5030C			14592	JP	EET ALB	10/21/24 10:29
Total/NA	Analysis	8021B		1	14741	JP	EET ALB	10/22/24 22:24
Total/NA	Prep	SHAKE			14629	KR	EET ALB	10/21/24 12:47
Total/NA	Analysis	8015M/D		1	14585	KR	EET ALB	10/21/24 19:33
Total/NA	Prep	300_Prep			14640	EH	EET ALB	10/21/24 14:25
Total/NA	Analysis	300.0		20	14643	EH	EET ALB	10/22/24 04:50

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Eurofins Albuquerque

Accreditation/Certification Summary

Client: Ranger Environmental Services, Inc
Project/Site: ROY SWD #3

Job ID: 885-13994-1

Laboratory: Eurofins Albuquerque

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-26-25

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:

Standard Level 4 (Full Validation)

Accreditation: Az Compliance

NELAC Other

EDD (Type) Excel

Date	Time	Matrix	Sample Name
10/17/24	1316	SOIL	TB-B34A
10/18/24	1314		TB-B20C
10/18/24	1326		TB-B27B
10/18/24	1322		TB-B35B
10/18/24	1324		TB-B36B
10/18/24	1326		TB-B37A

Turn-Around Time:

Standard Rush 5 DAY TAT

Project Name:

Roy SWD #3

Project #: 5375

Project Manager: W. Klerdorf

Sampler:

On Ice: J. Martinez Yes No

of Coolers: 1

Cooler Temp (including CFI): 0.4-0.1-0.3

Container Type and #

1x4oz Jar

Preservative Type

ICE

HEAL No.

1 2 3 4 5 6

BTX (8021) TPH:8015D(GRO / DRO / MRO) Chloride (EPA 300)

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

Remarks: Bill to EOG Artesia Midland

Received by: Via: Date Time

10/18/24 11:35

Received by: Via: Date Time

10/19/24 11:35

Login Sample Receipt Checklist

Client: Ranger Environmental Services, Inc

Job Number: 885-13994-1

Login Number: 13994

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

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").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	True	



Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

ANALYTICAL REPORT

PREPARED FOR

Attn: Will Kierdorf
Ranger Environmental Services, Inc
7215 McNeil Drive
PO BOX 201179
Austin, Texas 78729

Generated 11/12/2024 9:41:50 AM

JOB DESCRIPTION

Roy SWD #3

JOB NUMBER

885-14636-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109



Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Generated
11/12/2024 9:41:50 AM

Authorized for release by
Andy Freeman, Business Unit Manager
andy.freeman@et.eurofinsus.com
(505)345-3975

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Laboratory Job ID: 885-14636-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	45
QC Association Summary	52
Lab Chronicle	60
Certification Summary	73
Chain of Custody	74
Receipt Checklists	78



Definitions/Glossary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

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

Case Narrative

Client: Ranger Environmental Services, Inc
Project: Roy SWD #3

Job ID: 885-14636-1

Job ID: 885-14636-1

Eurofins Albuquerque

Job Narrative 885-14636-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 11/2/2024 8:15 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 0.4°C.

Gasoline Range Organics

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

GC VOA

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 885-15342 and analytical batch 885-15384 were outside control limits for one or more analytes. See QC Sample Results for detail. Mis-spike of MSD is suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Diesel Range Organics

Method 8015D_DRO: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 885-15331 and analytical batch 885-15394 recovered outside control limits for the following analytes: Diesel Range Organics [C10-C28]. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8015D_DRO: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 885-15348 and analytical batch 885-15394 recovered outside control limits for the following analytes: Diesel Range Organics [C10-C28]. These analytes were biased high in the LCS 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.

HPLC/IC

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

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-W18

Lab Sample ID: 885-14636-1

Date Collected: 11/01/24 08:50

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		11/04/24 10:35	11/07/24 18:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		35 - 166			11/04/24 10:35	11/07/24 18:44	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		11/04/24 10:35	11/07/24 18:44	1
Ethylbenzene	ND		0.050	mg/Kg		11/04/24 10:35	11/07/24 18:44	1
Toluene	ND		0.050	mg/Kg		11/04/24 10:35	11/07/24 18:44	1
Xylenes, Total	ND		0.099	mg/Kg		11/04/24 10:35	11/07/24 18:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		48 - 145			11/04/24 10:35	11/07/24 18:44	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.5	mg/Kg		11/04/24 11:56	11/05/24 14:34	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		11/04/24 11:56	11/05/24 14:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134			11/04/24 11:56	11/05/24 14:34	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	300		60	mg/Kg		11/04/24 14:21	11/04/24 15:24	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-W19

Lab Sample ID: 885-14636-2

Date Collected: 11/01/24 08:54

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		11/04/24 10:35	11/07/24 19:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		35 - 166			11/04/24 10:35	11/07/24 19:54	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		11/04/24 10:35	11/07/24 19:54	1
Ethylbenzene	ND		0.050	mg/Kg		11/04/24 10:35	11/07/24 19:54	1
Toluene	ND		0.050	mg/Kg		11/04/24 10:35	11/07/24 19:54	1
Xylenes, Total	ND		0.10	mg/Kg		11/04/24 10:35	11/07/24 19:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		48 - 145			11/04/24 10:35	11/07/24 19:54	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.5	mg/Kg		11/04/24 11:56	11/05/24 14:45	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		11/04/24 11:56	11/05/24 14:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	90		62 - 134			11/04/24 11:56	11/05/24 14:45	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	92		60	mg/Kg		11/04/24 14:21	11/04/24 15:54	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-W20

Lab Sample ID: 885-14636-3

Date Collected: 11/01/24 09:00

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		11/04/24 10:35	11/07/24 21:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		35 - 166			11/04/24 10:35	11/07/24 21:04	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		11/04/24 10:35	11/07/24 21:04	1
Ethylbenzene	ND		0.050	mg/Kg		11/04/24 10:35	11/07/24 21:04	1
Toluene	ND		0.050	mg/Kg		11/04/24 10:35	11/07/24 21:04	1
Xylenes, Total	ND		0.099	mg/Kg		11/04/24 10:35	11/07/24 21:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		48 - 145			11/04/24 10:35	11/07/24 21:04	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.4	mg/Kg		11/04/24 11:56	11/05/24 14:55	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		11/04/24 11:56	11/05/24 14:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	98		62 - 134			11/04/24 11:56	11/05/24 14:55	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300		60	mg/Kg		11/04/24 14:21	11/04/24 16:43	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-W21

Lab Sample ID: 885-14636-4

Date Collected: 11/01/24 09:02

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		11/04/24 10:35	11/07/24 21:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		35 - 166			11/04/24 10:35	11/07/24 21:27	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		11/04/24 10:35	11/07/24 21:27	1
Ethylbenzene	ND		0.049	mg/Kg		11/04/24 10:35	11/07/24 21:27	1
Toluene	ND		0.049	mg/Kg		11/04/24 10:35	11/07/24 21:27	1
Xylenes, Total	ND		0.099	mg/Kg		11/04/24 10:35	11/07/24 21:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		48 - 145			11/04/24 10:35	11/07/24 21:27	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.6	mg/Kg		11/04/24 11:56	11/05/24 15:06	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		11/04/24 11:56	11/05/24 15:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	104		62 - 134			11/04/24 11:56	11/05/24 15:06	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	400		60	mg/Kg		11/04/24 14:21	11/04/24 16:53	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-W22

Lab Sample ID: 885-14636-5

Date Collected: 11/01/24 09:04

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		11/04/24 10:35	11/07/24 21:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		35 - 166			11/04/24 10:35	11/07/24 21:51	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/04/24 10:35	11/07/24 21:51	1
Ethylbenzene	ND		0.049	mg/Kg		11/04/24 10:35	11/07/24 21:51	1
Toluene	ND		0.049	mg/Kg		11/04/24 10:35	11/07/24 21:51	1
Xylenes, Total	ND		0.097	mg/Kg		11/04/24 10:35	11/07/24 21:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		48 - 145			11/04/24 10:35	11/07/24 21:51	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.5	mg/Kg		11/04/24 11:56	11/05/24 15:17	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		11/04/24 11:56	11/05/24 15:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	80		62 - 134			11/04/24 11:56	11/05/24 15:17	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1400		61	mg/Kg		11/04/24 14:21	11/04/24 17:03	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-W23

Lab Sample ID: 885-14636-6

Date Collected: 11/01/24 09:10

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		11/04/24 10:35	11/07/24 22:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		35 - 166			11/04/24 10:35	11/07/24 22:14	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		11/04/24 10:35	11/07/24 22:14	1
Ethylbenzene	ND		0.049	mg/Kg		11/04/24 10:35	11/07/24 22:14	1
Toluene	ND		0.049	mg/Kg		11/04/24 10:35	11/07/24 22:14	1
Xylenes, Total	ND		0.098	mg/Kg		11/04/24 10:35	11/07/24 22:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		48 - 145			11/04/24 10:35	11/07/24 22:14	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.3	mg/Kg		11/04/24 11:56	11/05/24 15:27	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		11/04/24 11:56	11/05/24 15:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	85		62 - 134			11/04/24 11:56	11/05/24 15:27	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1500		60	mg/Kg		11/04/24 14:21	11/04/24 17:13	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-W24

Lab Sample ID: 885-14636-7

Date Collected: 11/01/24 09:14

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		11/04/24 10:35	11/07/24 22:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		35 - 166			11/04/24 10:35	11/07/24 22:37	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/04/24 10:35	11/07/24 22:37	1
Ethylbenzene	ND		0.049	mg/Kg		11/04/24 10:35	11/07/24 22:37	1
Toluene	ND		0.049	mg/Kg		11/04/24 10:35	11/07/24 22:37	1
Xylenes, Total	ND		0.098	mg/Kg		11/04/24 10:35	11/07/24 22:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		48 - 145			11/04/24 10:35	11/07/24 22:37	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.6	mg/Kg		11/04/24 11:56	11/05/24 15:38	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		11/04/24 11:56	11/05/24 15:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	84		62 - 134			11/04/24 11:56	11/05/24 15:38	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2100		61	mg/Kg		11/04/24 14:21	11/04/24 17:23	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-W25

Lab Sample ID: 885-14636-8

Date Collected: 11/01/24 09:22

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		11/04/24 10:35	11/07/24 23:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		35 - 166			11/04/24 10:35	11/07/24 23:00	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		11/04/24 10:35	11/07/24 23:00	1
Ethylbenzene	ND		0.047	mg/Kg		11/04/24 10:35	11/07/24 23:00	1
Toluene	ND		0.047	mg/Kg		11/04/24 10:35	11/07/24 23:00	1
Xylenes, Total	ND		0.093	mg/Kg		11/04/24 10:35	11/07/24 23:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		48 - 145			11/04/24 10:35	11/07/24 23:00	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.8	mg/Kg		11/04/24 11:56	11/05/24 15:59	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		11/04/24 11:56	11/05/24 15:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	88		62 - 134			11/04/24 11:56	11/05/24 15:59	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2000		60	mg/Kg		11/04/24 14:21	11/04/24 17:32	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-W26

Lab Sample ID: 885-14636-9

Date Collected: 11/01/24 09:24

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		11/04/24 10:35	11/07/24 23:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		35 - 166			11/04/24 10:35	11/07/24 23:23	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/04/24 10:35	11/07/24 23:23	1
Ethylbenzene	ND		0.048	mg/Kg		11/04/24 10:35	11/07/24 23:23	1
Toluene	ND		0.048	mg/Kg		11/04/24 10:35	11/07/24 23:23	1
Xylenes, Total	ND		0.096	mg/Kg		11/04/24 10:35	11/07/24 23:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		48 - 145			11/04/24 10:35	11/07/24 23:23	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.6	mg/Kg		11/04/24 11:56	11/05/24 16:10	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		11/04/24 11:56	11/05/24 16:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	86		62 - 134			11/04/24 11:56	11/05/24 16:10	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	400		60	mg/Kg		11/04/24 14:21	11/04/24 17:42	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-W27

Lab Sample ID: 885-14636-10

Date Collected: 11/01/24 09:30

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		11/04/24 10:35	11/07/24 23:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		35 - 166			11/04/24 10:35	11/07/24 23:46	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/04/24 10:35	11/07/24 23:46	1
Ethylbenzene	ND		0.048	mg/Kg		11/04/24 10:35	11/07/24 23:46	1
Toluene	ND		0.048	mg/Kg		11/04/24 10:35	11/07/24 23:46	1
Xylenes, Total	ND		0.096	mg/Kg		11/04/24 10:35	11/07/24 23:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		48 - 145			11/04/24 10:35	11/07/24 23:46	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.9	mg/Kg		11/04/24 11:56	11/05/24 16:20	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		11/04/24 11:56	11/05/24 16:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	87		62 - 134			11/04/24 11:56	11/05/24 16:20	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2000		60	mg/Kg		11/04/24 14:21	11/04/24 17:52	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-W28

Lab Sample ID: 885-14636-11

Date Collected: 11/01/24 09:36

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		11/04/24 10:35	11/08/24 00:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		35 - 166			11/04/24 10:35	11/08/24 00:33	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		11/04/24 10:35	11/08/24 00:33	1
Ethylbenzene	ND		0.047	mg/Kg		11/04/24 10:35	11/08/24 00:33	1
Toluene	ND		0.047	mg/Kg		11/04/24 10:35	11/08/24 00:33	1
Xylenes, Total	ND		0.094	mg/Kg		11/04/24 10:35	11/08/24 00:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		48 - 145			11/04/24 10:35	11/08/24 00:33	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.3	mg/Kg		11/04/24 11:56	11/05/24 16:31	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		11/04/24 11:56	11/05/24 16:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	71		62 - 134			11/04/24 11:56	11/05/24 16:31	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	420		60	mg/Kg		11/04/24 14:21	11/04/24 18:22	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-W29

Lab Sample ID: 885-14636-12

Date Collected: 11/01/24 09:42

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		11/04/24 10:35	11/08/24 00:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		35 - 166			11/04/24 10:35	11/08/24 00:56	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/04/24 10:35	11/08/24 00:56	1
Ethylbenzene	ND		0.047	mg/Kg		11/04/24 10:35	11/08/24 00:56	1
Toluene	ND		0.047	mg/Kg		11/04/24 10:35	11/08/24 00:56	1
Xylenes, Total	ND		0.094	mg/Kg		11/04/24 10:35	11/08/24 00:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		48 - 145			11/04/24 10:35	11/08/24 00:56	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.8	mg/Kg		11/04/24 11:56	11/05/24 16:42	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		11/04/24 11:56	11/05/24 16:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	80		62 - 134			11/04/24 11:56	11/05/24 16:42	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1400		60	mg/Kg		11/04/24 14:21	11/04/24 18:31	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-W30

Lab Sample ID: 885-14636-13

Date Collected: 11/01/24 09:48

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		11/04/24 10:35	11/08/24 01:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		35 - 166			11/04/24 10:35	11/08/24 01:19	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		11/04/24 10:35	11/08/24 01:19	1
Ethylbenzene	ND		0.049	mg/Kg		11/04/24 10:35	11/08/24 01:19	1
Toluene	ND		0.049	mg/Kg		11/04/24 10:35	11/08/24 01:19	1
Xylenes, Total	ND		0.099	mg/Kg		11/04/24 10:35	11/08/24 01:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		48 - 145			11/04/24 10:35	11/08/24 01:19	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	10	mg/Kg		11/04/24 11:56	11/05/24 16:52	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		11/04/24 11:56	11/05/24 16:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	82		62 - 134			11/04/24 11:56	11/05/24 16:52	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	380		60	mg/Kg		11/04/24 14:21	11/04/24 18:41	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-W31

Lab Sample ID: 885-14636-14

Date Collected: 11/01/24 10:00

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		11/04/24 10:35	11/08/24 01:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		35 - 166			11/04/24 10:35	11/08/24 01:42	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/04/24 10:35	11/08/24 01:42	1
Ethylbenzene	ND		0.049	mg/Kg		11/04/24 10:35	11/08/24 01:42	1
Toluene	ND		0.049	mg/Kg		11/04/24 10:35	11/08/24 01:42	1
Xylenes, Total	ND		0.097	mg/Kg		11/04/24 10:35	11/08/24 01:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		48 - 145			11/04/24 10:35	11/08/24 01:42	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.7	mg/Kg		11/04/24 11:56	11/05/24 17:03	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		11/04/24 11:56	11/05/24 17:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	87		62 - 134			11/04/24 11:56	11/05/24 17:03	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1500		60	mg/Kg		11/04/24 14:21	11/04/24 18:51	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-W32
Date Collected: 11/01/24 10:02
Date Received: 11/02/24 08:15

Lab Sample ID: 885-14636-15
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		11/04/24 10:35	11/08/24 02:05	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	96		35 - 166			11/04/24 10:35	11/08/24 02:05	1	

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.024	mg/Kg		11/04/24 10:35	11/08/24 02:05	1	
Ethylbenzene	ND		0.047	mg/Kg		11/04/24 10:35	11/08/24 02:05	1	
Toluene	ND		0.047	mg/Kg		11/04/24 10:35	11/08/24 02:05	1	
Xylenes, Total	ND		0.094	mg/Kg		11/04/24 10:35	11/08/24 02:05	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	96		48 - 145			11/04/24 10:35	11/08/24 02:05	1	

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND	*+	9.8	mg/Kg		11/04/24 11:56	11/05/24 17:14	1	
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		11/04/24 11:56	11/05/24 17:14	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	84		62 - 134			11/04/24 11:56	11/05/24 17:14	1	

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	2300		150	mg/Kg		11/04/24 14:21	11/05/24 08:02	50	

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-W33

Lab Sample ID: 885-14636-16

Date Collected: 11/01/24 10:06

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		11/04/24 10:35	11/08/24 02:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		35 - 166			11/04/24 10:35	11/08/24 02:28	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		11/04/24 10:35	11/08/24 02:28	1
Ethylbenzene	ND		0.049	mg/Kg		11/04/24 10:35	11/08/24 02:28	1
Toluene	ND		0.049	mg/Kg		11/04/24 10:35	11/08/24 02:28	1
Xylenes, Total	ND		0.098	mg/Kg		11/04/24 10:35	11/08/24 02:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		48 - 145			11/04/24 10:35	11/08/24 02:28	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.4	mg/Kg		11/04/24 11:56	11/05/24 17:24	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		11/04/24 11:56	11/05/24 17:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	88		62 - 134			11/04/24 11:56	11/05/24 17:24	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	370		61	mg/Kg		11/04/24 14:21	11/04/24 19:11	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-W34

Lab Sample ID: 885-14636-17

Date Collected: 11/01/24 10:10

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		11/04/24 10:35	11/08/24 02:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		35 - 166			11/04/24 10:35	11/08/24 02:51	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/04/24 10:35	11/08/24 02:51	1
Ethylbenzene	ND		0.048	mg/Kg		11/04/24 10:35	11/08/24 02:51	1
Toluene	ND		0.048	mg/Kg		11/04/24 10:35	11/08/24 02:51	1
Xylenes, Total	ND		0.095	mg/Kg		11/04/24 10:35	11/08/24 02:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		48 - 145			11/04/24 10:35	11/08/24 02:51	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.2	mg/Kg		11/04/24 11:56	11/05/24 17:35	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		11/04/24 11:56	11/05/24 17:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	85		62 - 134			11/04/24 11:56	11/05/24 17:35	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1400		60	mg/Kg		11/04/24 14:21	11/04/24 19:21	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-W35

Lab Sample ID: 885-14636-18

Date Collected: 11/01/24 10:12

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		11/04/24 10:35	11/08/24 03:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		35 - 166			11/04/24 10:35	11/08/24 03:15	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		11/04/24 10:35	11/08/24 03:15	1
Ethylbenzene	ND		0.049	mg/Kg		11/04/24 10:35	11/08/24 03:15	1
Toluene	ND		0.049	mg/Kg		11/04/24 10:35	11/08/24 03:15	1
Xylenes, Total	ND		0.099	mg/Kg		11/04/24 10:35	11/08/24 03:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		48 - 145			11/04/24 10:35	11/08/24 03:15	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.5	mg/Kg		11/04/24 11:56	11/05/24 17:56	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		11/04/24 11:56	11/05/24 17:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	89		62 - 134			11/04/24 11:56	11/05/24 17:56	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2000		60	mg/Kg		11/04/24 14:21	11/04/24 19:31	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-W36
Date Collected: 11/01/24 10:14
Date Received: 11/02/24 08:15

Lab Sample ID: 885-14636-19
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		11/04/24 10:35	11/08/24 03:38	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	95		35 - 166			11/04/24 10:35	11/08/24 03:38	1	

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.024	mg/Kg		11/04/24 10:35	11/08/24 03:38	1	
Ethylbenzene	ND		0.049	mg/Kg		11/04/24 10:35	11/08/24 03:38	1	
Toluene	ND		0.049	mg/Kg		11/04/24 10:35	11/08/24 03:38	1	
Xylenes, Total	ND		0.097	mg/Kg		11/04/24 10:35	11/08/24 03:38	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	96		48 - 145			11/04/24 10:35	11/08/24 03:38	1	

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND	*+	9.5	mg/Kg		11/04/24 11:56	11/05/24 18:07	1	
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		11/04/24 11:56	11/05/24 18:07	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	83		62 - 134			11/04/24 11:56	11/05/24 18:07	1	

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	210		61	mg/Kg		11/04/24 14:21	11/04/24 19:40	20	

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-IW1

Lab Sample ID: 885-14636-20

Date Collected: 11/01/24 10:16

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		11/04/24 10:35	11/08/24 04:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		35 - 166			11/04/24 10:35	11/08/24 04:01	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		11/04/24 10:35	11/08/24 04:01	1
Ethylbenzene	ND		0.047	mg/Kg		11/04/24 10:35	11/08/24 04:01	1
Toluene	ND		0.047	mg/Kg		11/04/24 10:35	11/08/24 04:01	1
Xylenes, Total	ND		0.093	mg/Kg		11/04/24 10:35	11/08/24 04:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		48 - 145			11/04/24 10:35	11/08/24 04:01	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.1	mg/Kg		11/04/24 11:56	11/05/24 18:40	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		11/04/24 11:56	11/05/24 18:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	80		62 - 134			11/04/24 11:56	11/05/24 18:40	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	440		60	mg/Kg		11/04/24 14:21	11/04/24 19:50	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-IW2

Lab Sample ID: 885-14636-21

Date Collected: 11/01/24 10:20

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		11/04/24 13:38	11/05/24 22:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		35 - 166			11/04/24 13:38	11/05/24 22:15	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		11/04/24 13:38	11/05/24 22:15	1
Ethylbenzene	ND		0.047	mg/Kg		11/04/24 13:38	11/05/24 22:15	1
Toluene	ND		0.047	mg/Kg		11/04/24 13:38	11/05/24 22:15	1
Xylenes, Total	ND		0.094	mg/Kg		11/04/24 13:38	11/05/24 22:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		48 - 145			11/04/24 13:38	11/05/24 22:15	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.9	mg/Kg		11/04/24 15:12	11/05/24 19:22	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		11/04/24 15:12	11/05/24 19:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	87		62 - 134			11/04/24 15:12	11/05/24 19:22	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1900		60	mg/Kg		11/05/24 06:59	11/05/24 08:31	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-IW3

Lab Sample ID: 885-14636-22

Date Collected: 11/01/24 10:22

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		11/04/24 13:38	11/05/24 23:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		35 - 166			11/04/24 13:38	11/05/24 23:26	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/04/24 13:38	11/05/24 23:26	1
Ethylbenzene	ND	F1	0.047	mg/Kg		11/04/24 13:38	11/05/24 23:26	1
Toluene	ND		0.047	mg/Kg		11/04/24 13:38	11/05/24 23:26	1
Xylenes, Total	ND		0.094	mg/Kg		11/04/24 13:38	11/05/24 23:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		48 - 145			11/04/24 13:38	11/05/24 23:26	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.7	mg/Kg		11/04/24 15:12	11/05/24 19:33	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		11/04/24 15:12	11/05/24 19:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	83		62 - 134			11/04/24 15:12	11/05/24 19:33	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300		60	mg/Kg		11/05/24 06:59	11/05/24 09:01	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-IW4

Lab Sample ID: 885-14636-23

Date Collected: 11/01/24 10:24

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		11/04/24 13:38	11/06/24 00:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		35 - 166			11/04/24 13:38	11/06/24 00:36	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/04/24 13:38	11/06/24 00:36	1
Ethylbenzene	ND		0.049	mg/Kg		11/04/24 13:38	11/06/24 00:36	1
Toluene	ND		0.049	mg/Kg		11/04/24 13:38	11/06/24 00:36	1
Xylenes, Total	ND		0.097	mg/Kg		11/04/24 13:38	11/06/24 00:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		48 - 145			11/04/24 13:38	11/06/24 00:36	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.6	mg/Kg		11/04/24 15:12	11/05/24 19:44	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		11/04/24 15:12	11/05/24 19:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	81		62 - 134			11/04/24 15:12	11/05/24 19:44	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	220		60	mg/Kg		11/05/24 06:59	11/05/24 09:31	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-IW5

Lab Sample ID: 885-14636-24

Date Collected: 11/01/24 10:26

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		11/04/24 13:38	11/06/24 01:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		35 - 166			11/04/24 13:38	11/06/24 01:00	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		11/04/24 13:38	11/06/24 01:00	1
Ethylbenzene	ND		0.049	mg/Kg		11/04/24 13:38	11/06/24 01:00	1
Toluene	ND		0.049	mg/Kg		11/04/24 13:38	11/06/24 01:00	1
Xylenes, Total	ND		0.098	mg/Kg		11/04/24 13:38	11/06/24 01:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		48 - 145			11/04/24 13:38	11/06/24 01:00	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.9	mg/Kg		11/04/24 15:12	11/05/24 19:55	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		11/04/24 15:12	11/05/24 19:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	84		62 - 134			11/04/24 15:12	11/05/24 19:55	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1900		60	mg/Kg		11/05/24 06:59	11/05/24 10:00	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-IW6

Lab Sample ID: 885-14636-25

Date Collected: 11/01/24 10:30

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		11/04/24 13:38	11/06/24 01:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		35 - 166			11/04/24 13:38	11/06/24 01:23	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		11/04/24 13:38	11/06/24 01:23	1
Ethylbenzene	ND		0.049	mg/Kg		11/04/24 13:38	11/06/24 01:23	1
Toluene	ND		0.049	mg/Kg		11/04/24 13:38	11/06/24 01:23	1
Xylenes, Total	ND		0.099	mg/Kg		11/04/24 13:38	11/06/24 01:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		48 - 145			11/04/24 13:38	11/06/24 01:23	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.3	mg/Kg		11/04/24 15:12	11/05/24 20:05	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		11/04/24 15:12	11/05/24 20:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	83		62 - 134			11/04/24 15:12	11/05/24 20:05	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	260		60	mg/Kg		11/05/24 06:59	11/05/24 10:10	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-IW7

Lab Sample ID: 885-14636-26

Date Collected: 11/01/24 10:34

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		11/04/24 13:38	11/06/24 01:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		35 - 166			11/04/24 13:38	11/06/24 01:47	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		11/04/24 13:38	11/06/24 01:47	1
Ethylbenzene	ND		0.050	mg/Kg		11/04/24 13:38	11/06/24 01:47	1
Toluene	ND		0.050	mg/Kg		11/04/24 13:38	11/06/24 01:47	1
Xylenes, Total	ND		0.10	mg/Kg		11/04/24 13:38	11/06/24 01:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		48 - 145			11/04/24 13:38	11/06/24 01:47	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.2	mg/Kg		11/04/24 15:12	11/05/24 20:16	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		11/04/24 15:12	11/05/24 20:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	87		62 - 134			11/04/24 15:12	11/05/24 20:16	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1500		60	mg/Kg		11/05/24 06:59	11/05/24 10:20	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-IW8

Lab Sample ID: 885-14636-27

Date Collected: 11/01/24 10:36

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		11/04/24 13:38	11/06/24 02:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		35 - 166			11/04/24 13:38	11/06/24 02:10	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/04/24 13:38	11/06/24 02:10	1
Ethylbenzene	ND		0.048	mg/Kg		11/04/24 13:38	11/06/24 02:10	1
Toluene	ND		0.048	mg/Kg		11/04/24 13:38	11/06/24 02:10	1
Xylenes, Total	ND		0.097	mg/Kg		11/04/24 13:38	11/06/24 02:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		48 - 145			11/04/24 13:38	11/06/24 02:10	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.5	mg/Kg		11/04/24 15:12	11/05/24 20:27	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		11/04/24 15:12	11/05/24 20:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	89		62 - 134			11/04/24 15:12	11/05/24 20:27	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1700		60	mg/Kg		11/05/24 06:59	11/05/24 10:30	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-IW9

Lab Sample ID: 885-14636-28

Date Collected: 11/01/24 10:38

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		11/04/24 13:38	11/06/24 02:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		35 - 166			11/04/24 13:38	11/06/24 02:34	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/04/24 13:38	11/06/24 02:34	1
Ethylbenzene	ND		0.048	mg/Kg		11/04/24 13:38	11/06/24 02:34	1
Toluene	ND		0.048	mg/Kg		11/04/24 13:38	11/06/24 02:34	1
Xylenes, Total	ND		0.096	mg/Kg		11/04/24 13:38	11/06/24 02:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		48 - 145			11/04/24 13:38	11/06/24 02:34	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.5	mg/Kg		11/04/24 15:12	11/05/24 20:37	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		11/04/24 15:12	11/05/24 20:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	89		62 - 134			11/04/24 15:12	11/05/24 20:37	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1500		60	mg/Kg		11/05/24 06:59	11/05/24 10:39	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-IW10

Lab Sample ID: 885-14636-29

Date Collected: 11/01/24 10:40

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		11/04/24 13:38	11/06/24 02:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		35 - 166			11/04/24 13:38	11/06/24 02:57	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/04/24 13:38	11/06/24 02:57	1
Ethylbenzene	ND		0.049	mg/Kg		11/04/24 13:38	11/06/24 02:57	1
Toluene	ND		0.049	mg/Kg		11/04/24 13:38	11/06/24 02:57	1
Xylenes, Total	ND		0.097	mg/Kg		11/04/24 13:38	11/06/24 02:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		48 - 145			11/04/24 13:38	11/06/24 02:57	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.8	mg/Kg		11/04/24 15:12	11/05/24 20:58	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		11/04/24 15:12	11/05/24 20:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	92		62 - 134			11/04/24 15:12	11/05/24 20:58	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1500		60	mg/Kg		11/05/24 06:59	11/05/24 10:49	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-IW11

Lab Sample ID: 885-14636-30

Date Collected: 11/01/24 10:42

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		11/04/24 13:38	11/06/24 03:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		35 - 166			11/04/24 13:38	11/06/24 03:21	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/04/24 13:38	11/06/24 03:21	1
Ethylbenzene	ND		0.048	mg/Kg		11/04/24 13:38	11/06/24 03:21	1
Toluene	ND		0.048	mg/Kg		11/04/24 13:38	11/06/24 03:21	1
Xylenes, Total	ND		0.096	mg/Kg		11/04/24 13:38	11/06/24 03:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		48 - 145			11/04/24 13:38	11/06/24 03:21	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.2	mg/Kg		11/04/24 15:12	11/05/24 21:30	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		11/04/24 15:12	11/05/24 21:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	85		62 - 134			11/04/24 15:12	11/05/24 21:30	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1100		60	mg/Kg		11/05/24 06:59	11/05/24 11:09	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-IW12

Lab Sample ID: 885-14636-31

Date Collected: 11/01/24 10:46

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6	mg/Kg		11/04/24 13:38	11/06/24 04:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		35 - 166			11/04/24 13:38	11/06/24 04:07	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		11/04/24 13:38	11/06/24 04:07	1
Ethylbenzene	ND		0.046	mg/Kg		11/04/24 13:38	11/06/24 04:07	1
Toluene	ND		0.046	mg/Kg		11/04/24 13:38	11/06/24 04:07	1
Xylenes, Total	ND		0.092	mg/Kg		11/04/24 13:38	11/06/24 04:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		48 - 145			11/04/24 13:38	11/06/24 04:07	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.3	mg/Kg		11/04/24 15:12	11/05/24 21:40	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		11/04/24 15:12	11/05/24 21:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	85		62 - 134			11/04/24 15:12	11/05/24 21:40	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1100		60	mg/Kg		11/05/24 06:59	11/05/24 11:19	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-IW13

Lab Sample ID: 885-14636-32

Date Collected: 11/01/24 10:50

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		11/04/24 13:38	11/06/24 04:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		35 - 166			11/04/24 13:38	11/06/24 04:31	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/04/24 13:38	11/06/24 04:31	1
Ethylbenzene	ND		0.048	mg/Kg		11/04/24 13:38	11/06/24 04:31	1
Toluene	ND		0.048	mg/Kg		11/04/24 13:38	11/06/24 04:31	1
Xylenes, Total	ND		0.096	mg/Kg		11/04/24 13:38	11/06/24 04:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		48 - 145			11/04/24 13:38	11/06/24 04:31	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.8	mg/Kg		11/04/24 15:12	11/05/24 21:51	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		11/04/24 15:12	11/05/24 21:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	89		62 - 134			11/04/24 15:12	11/05/24 21:51	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	490		60	mg/Kg		11/05/24 06:59	11/05/24 11:29	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-IW14

Lab Sample ID: 885-14636-33

Date Collected: 11/01/24 10:56

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		11/04/24 13:38	11/06/24 04:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		35 - 166			11/04/24 13:38	11/06/24 04:54	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/04/24 13:38	11/06/24 04:54	1
Ethylbenzene	ND		0.047	mg/Kg		11/04/24 13:38	11/06/24 04:54	1
Toluene	ND		0.047	mg/Kg		11/04/24 13:38	11/06/24 04:54	1
Xylenes, Total	ND		0.094	mg/Kg		11/04/24 13:38	11/06/24 04:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		48 - 145			11/04/24 13:38	11/06/24 04:54	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.7	mg/Kg		11/04/24 15:12	11/05/24 22:02	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		11/04/24 15:12	11/05/24 22:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	83		62 - 134			11/04/24 15:12	11/05/24 22:02	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	640		60	mg/Kg		11/05/24 06:59	11/05/24 11:58	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-IW15

Lab Sample ID: 885-14636-34

Date Collected: 11/01/24 11:00

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		11/04/24 13:38	11/06/24 05:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		35 - 166			11/04/24 13:38	11/06/24 05:17	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/04/24 13:38	11/06/24 05:17	1
Ethylbenzene	ND		0.049	mg/Kg		11/04/24 13:38	11/06/24 05:17	1
Toluene	ND		0.049	mg/Kg		11/04/24 13:38	11/06/24 05:17	1
Xylenes, Total	ND		0.097	mg/Kg		11/04/24 13:38	11/06/24 05:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		48 - 145			11/04/24 13:38	11/06/24 05:17	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.5	mg/Kg		11/04/24 15:12	11/05/24 22:12	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		11/04/24 15:12	11/05/24 22:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	90		62 - 134			11/04/24 15:12	11/05/24 22:12	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	510		60	mg/Kg		11/05/24 06:59	11/05/24 12:08	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-IW16
Date Collected: 11/01/24 11:02
Date Received: 11/02/24 08:15

Lab Sample ID: 885-14636-35
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		11/04/24 13:38	11/06/24 05:41	1
Surrogate								
4-Bromofluorobenzene (Surr)	99		35 - 166			11/04/24 13:38	11/06/24 05:41	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		11/04/24 13:38	11/06/24 05:41	1
Ethylbenzene	ND		0.047	mg/Kg		11/04/24 13:38	11/06/24 05:41	1
Toluene	ND		0.047	mg/Kg		11/04/24 13:38	11/06/24 05:41	1
Xylenes, Total	ND		0.094	mg/Kg		11/04/24 13:38	11/06/24 05:41	1
Surrogate								
4-Bromofluorobenzene (Surr)	95		48 - 145			11/04/24 13:38	11/06/24 05:41	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.3	mg/Kg		11/04/24 15:12	11/05/24 22:22	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		11/04/24 15:12	11/05/24 22:22	1
Surrogate								
Di-n-octyl phthalate (Surr)	93		62 - 134			11/04/24 15:12	11/05/24 22:22	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1000		60	mg/Kg		11/05/24 06:59	11/05/24 12:18	20

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-IW17

Lab Sample ID: 885-14636-36

Date Collected: 11/01/24 11:04

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		11/04/24 13:38	11/06/24 06:04	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	100		35 - 166			11/04/24 13:38	11/06/24 06:04	1	
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.023	mg/Kg		11/04/24 13:38	11/06/24 06:04	1	
Ethylbenzene	ND		0.047	mg/Kg		11/04/24 13:38	11/06/24 06:04	1	
Toluene	ND		0.047	mg/Kg		11/04/24 13:38	11/06/24 06:04	1	
Xylenes, Total	ND		0.094	mg/Kg		11/04/24 13:38	11/06/24 06:04	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	99		48 - 145			11/04/24 13:38	11/06/24 06:04	1	
Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND	+	9.2	mg/Kg		11/04/24 15:12	11/05/24 22:33	1	
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		11/04/24 15:12	11/05/24 22:33	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	86		62 - 134			11/04/24 15:12	11/05/24 22:33	1	
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	510		60	mg/Kg		11/05/24 06:59	11/05/24 12:28	20	

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-IW18

Lab Sample ID: 885-14636-37

Date Collected: 11/01/24 11:06

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		11/04/24 13:38	11/06/24 06:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		35 - 166			11/04/24 13:38	11/06/24 06:27	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/04/24 13:38	11/06/24 06:27	1
Ethylbenzene	ND		0.049	mg/Kg		11/04/24 13:38	11/06/24 06:27	1
Toluene	ND		0.049	mg/Kg		11/04/24 13:38	11/06/24 06:27	1
Xylenes, Total	ND		0.097	mg/Kg		11/04/24 13:38	11/06/24 06:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		48 - 145			11/04/24 13:38	11/06/24 06:27	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.8	mg/Kg		11/04/24 15:12	11/05/24 22:54	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		11/04/24 15:12	11/05/24 22:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	89		62 - 134			11/04/24 15:12	11/05/24 22:54	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200		60	mg/Kg		11/05/24 06:59	11/05/24 12:38	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-IW19

Lab Sample ID: 885-14636-38

Date Collected: 11/01/24 11:10

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		11/04/24 13:38	11/06/24 06:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		35 - 166			11/04/24 13:38	11/06/24 06:51	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/04/24 13:38	11/06/24 06:51	1
Ethylbenzene	ND		0.047	mg/Kg		11/04/24 13:38	11/06/24 06:51	1
Toluene	ND		0.047	mg/Kg		11/04/24 13:38	11/06/24 06:51	1
Xylenes, Total	ND		0.095	mg/Kg		11/04/24 13:38	11/06/24 06:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		48 - 145			11/04/24 13:38	11/06/24 06:51	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.8	mg/Kg		11/04/24 15:12	11/05/24 23:04	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		11/04/24 15:12	11/05/24 23:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	90		62 - 134			11/04/24 15:12	11/05/24 23:04	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	990		60	mg/Kg		11/05/24 06:59	11/05/24 12:47	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-IW20

Lab Sample ID: 885-14636-39

Date Collected: 11/01/24 11:12

Matrix: Solid

Date Received: 11/02/24 08:15

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		11/04/24 13:38	11/06/24 07:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		35 - 166			11/04/24 13:38	11/06/24 07:14	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		11/04/24 13:38	11/06/24 07:14	1
Ethylbenzene	ND		0.050	mg/Kg		11/04/24 13:38	11/06/24 07:14	1
Toluene	ND		0.050	mg/Kg		11/04/24 13:38	11/06/24 07:14	1
Xylenes, Total	ND		0.10	mg/Kg		11/04/24 13:38	11/06/24 07:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		48 - 145			11/04/24 13:38	11/06/24 07:14	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND	*+	9.4	mg/Kg		11/04/24 15:12	11/05/24 23:15	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		11/04/24 15:12	11/05/24 23:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	93		62 - 134			11/04/24 15:12	11/05/24 23:15	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2000		60	mg/Kg		11/05/24 06:59	11/05/24 12:57	20

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-15313/1-A

Matrix: Solid

Analysis Batch: 15537

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 15313

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		11/04/24 10:35	11/07/24 18:21	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			11/04/24 10:35	11/07/24 18:21	1

Lab Sample ID: LCS 885-15313/2-A

Matrix: Solid

Analysis Batch: 15537

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 15313

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	25.0	26.2		mg/Kg		105	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	199		35 - 166				

Lab Sample ID: 885-14636-1 MS

Matrix: Solid

Analysis Batch: 15537

Client Sample ID: TB-W18

Prep Type: Total/NA

Prep Batch: 15313

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	ND		24.9	28.5		mg/Kg		114	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	208		35 - 166						

Lab Sample ID: 885-14636-1 MSD

Matrix: Solid

Analysis Batch: 15537

Client Sample ID: TB-W18

Prep Type: Total/NA

Prep Batch: 15313

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	ND		25.0	25.5		mg/Kg		102	70 - 130	11	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	205		35 - 166								

Lab Sample ID: MB 885-15342/1-A

Matrix: Solid

Analysis Batch: 15383

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 15342

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		11/04/24 13:38	11/05/24 21:52	1

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: MB 885-15342/1-A

Matrix: Solid

Analysis Batch: 15383

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 15342

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	105		35 - 166	11/04/24 13:38	11/05/24 21:52	1			

Lab Sample ID: LCS 885-15342/2-A

Matrix: Solid

Analysis Batch: 15383

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 15342

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			25.0	24.9		mg/Kg		100	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits								
4-Bromofluorobenzene (Surr)	207	S1+	35 - 166								

Lab Sample ID: 885-14636-21 MS

Matrix: Solid

Analysis Batch: 15383

Client Sample ID: TB-IW2

Prep Type: Total/NA

Prep Batch: 15342

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	ND		23.5	26.0		mg/Kg		111	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
4-Bromofluorobenzene (Surr)	220		35 - 166								

Lab Sample ID: 885-14636-21 MSD

Matrix: Solid

Analysis Batch: 15383

Client Sample ID: TB-IW2

Prep Type: Total/NA

Prep Batch: 15342

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	ND		23.3	25.1		mg/Kg		107	70 - 130	4	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	223		35 - 166								

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-15313/1-A

Matrix: Solid

Analysis Batch: 15538

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 15313

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		11/04/24 10:35	11/07/24 18:21	1
Ethylbenzene	ND		0.050	mg/Kg		11/04/24 10:35	11/07/24 18:21	1
Toluene	ND		0.050	mg/Kg		11/04/24 10:35	11/07/24 18:21	1
Xylenes, Total	ND		0.10	mg/Kg		11/04/24 10:35	11/07/24 18:21	1

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

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

Lab Sample ID: MB 885-15313/1-A

Matrix: Solid

Analysis Batch: 15538

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 15313

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
4-Bromofluorobenzene (Surr)	99		48 - 145	11/04/24 10:35	11/07/24 18:21	1			

Lab Sample ID: LCS 885-15313/3-A

Matrix: Solid

Analysis Batch: 15538

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 15313

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene			1.00	1.05		mg/Kg		105	70 - 130		
Ethylbenzene			1.00	1.08		mg/Kg		108	70 - 130		
Toluene			1.00	1.08		mg/Kg		108	70 - 130		
m-Xylene & p-Xylene			2.00	2.11		mg/Kg		106	70 - 130		
o-Xylene			1.00	1.04		mg/Kg		104	70 - 130		

	LCS	LCS		
Surrogate	%Recovery	Qualifier	Limits	
4-Bromofluorobenzene (Surr)	100		48 - 145	

Lab Sample ID: 885-14636-2 MS

Matrix: Solid

Analysis Batch: 15538

Client Sample ID: TB-W19

Prep Type: Total/NA

Prep Batch: 15313

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	ND		0.995	1.09		mg/Kg		109	70 - 130		
Ethylbenzene	ND		0.995	1.13		mg/Kg		114	70 - 130		
Toluene	ND		0.995	1.15		mg/Kg		115	70 - 130		
m-Xylene & p-Xylene	ND		1.99	2.21		mg/Kg		111	70 - 130		
o-Xylene	ND		0.995	1.10		mg/Kg		110	70 - 130		

	MS	MS		
Surrogate	%Recovery	Qualifier	Limits	
4-Bromofluorobenzene (Surr)	102		48 - 145	

Lab Sample ID: 885-14636-2 MSD

Matrix: Solid

Analysis Batch: 15538

Client Sample ID: TB-W19

Prep Type: Total/NA

Prep Batch: 15313

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	ND		0.994	1.05		mg/Kg		106	70 - 130	4	20	
Ethylbenzene	ND		0.994	1.10		mg/Kg		110	70 - 130	3	20	
Toluene	ND		0.994	1.09		mg/Kg		109	70 - 130	5	20	
m-Xylene & p-Xylene	ND		1.99	2.15		mg/Kg		108	70 - 130	3	20	
o-Xylene	ND		0.994	1.05		mg/Kg		106	70 - 130	4	20	

	MSD	MSD		
Surrogate	%Recovery	Qualifier	Limits	
4-Bromofluorobenzene (Surr)	101		48 - 145	

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

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

Lab Sample ID: MB 885-15342/1-A

Matrix: Solid

Analysis Batch: 15384

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 15342

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		11/04/24 13:38	11/05/24 21:52	1
Ethylbenzene	ND		0.050	mg/Kg		11/04/24 13:38	11/05/24 21:52	1
Toluene	ND		0.050	mg/Kg		11/04/24 13:38	11/05/24 21:52	1
Xylenes, Total	ND		0.10	mg/Kg		11/04/24 13:38	11/05/24 21:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		48 - 145	11/04/24 13:38	11/05/24 21:52	1

Lab Sample ID: LCS 885-15342/3-A

Matrix: Solid

Analysis Batch: 15384

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 15342

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	1.08		mg/Kg		108	70 - 130
Ethylbenzene	1.00	1.09		mg/Kg		109	70 - 130
Toluene	1.00	1.10		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	2.00	2.15		mg/Kg		107	70 - 130
o-Xylene	1.00	1.04		mg/Kg		104	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		48 - 145

Lab Sample ID: 885-14636-22 MS

Matrix: Solid

Analysis Batch: 15384

Client Sample ID: TB-IW3

Prep Type: Total/NA

Prep Batch: 15342

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.935	1.11		mg/Kg		119	70 - 130
Ethylbenzene	ND	F1	0.935	1.19		mg/Kg		127	70 - 130
Toluene	ND		0.935	1.17		mg/Kg		125	70 - 130
m-Xylene & p-Xylene	ND		1.87	2.33		mg/Kg		125	70 - 130
o-Xylene	ND		0.935	1.13		mg/Kg		121	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		48 - 145

Lab Sample ID: 885-14636-22 MSD

Matrix: Solid

Analysis Batch: 15384

Client Sample ID: TB-IW3

Prep Type: Total/NA

Prep Batch: 15342

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	ND		0.936	1.16		mg/Kg		124	70 - 130	4	20
Ethylbenzene	ND	F1	0.936	1.24	F1	mg/Kg		133	70 - 130	4	20
Toluene	ND		0.936	1.22		mg/Kg		130	70 - 130	4	20
m-Xylene & p-Xylene	ND		1.87	2.41		mg/Kg		129	70 - 130	3	20
o-Xylene	ND		0.936	1.19		mg/Kg		127	70 - 130	5	20

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

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

Lab Sample ID: 885-14636-22 MSD

Matrix: Solid

Analysis Batch: 15384

Client Sample ID: TB-IW3

Prep Type: Total/NA

Prep Batch: 15342

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		48 - 145

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-15331/1-A

Matrix: Solid

Analysis Batch: 15394

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 15331

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		11/04/24 11:56	11/05/24 14:13	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		11/04/24 11:56	11/05/24 14:13	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	97		62 - 134			11/04/24 11:56	11/05/24 14:13	1

Lab Sample ID: LCS 885-15331/2-A

Matrix: Solid

Analysis Batch: 15394

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 15331

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	76.2	*+	mg/Kg		152	60 - 135
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	147	S1+	62 - 134				

Lab Sample ID: 885-14636-19 MS

Matrix: Solid

Analysis Batch: 15394

Client Sample ID: TB-W36

Prep Type: Total/NA

Prep Batch: 15331

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	ND	*+	48.4	42.3		mg/Kg		87	44 - 136
Surrogate	MS %Recovery	MS Qualifier	Limits						
Di-n-octyl phthalate (Surr)	89		62 - 134						

Lab Sample ID: 885-14636-19 MSD

Matrix: Solid

Analysis Batch: 15394

Client Sample ID: TB-W36

Prep Type: Total/NA

Prep Batch: 15331

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND	*+	49.0	43.9		mg/Kg		90	44 - 136	4	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	89		62 - 134								

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 885-15348/1-A

Matrix: Solid

Analysis Batch: 15394

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 15348

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		11/04/24 15:12	11/05/24 19:01	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		11/04/24 15:12	11/05/24 19:01	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	89		62 - 134			11/04/24 15:12	11/05/24 19:01	1

Lab Sample ID: LCS 885-15348/2-A

Matrix: Solid

Analysis Batch: 15394

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 15348

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	78.9	*+	mg/Kg		158	60 - 135
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	148	S1+	62 - 134				

Lab Sample ID: 885-14636-29 MS

Matrix: Solid

Analysis Batch: 15394

Client Sample ID: TB-IW10

Prep Type: Total/NA

Prep Batch: 15348

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	ND	*+	47.9	40.7		mg/Kg		85	44 - 136
Surrogate	MS %Recovery	MS Qualifier	Limits						
Di-n-octyl phthalate (Surr)	84		62 - 134						

Lab Sample ID: 885-14636-29 MSD

Matrix: Solid

Analysis Batch: 15394

Client Sample ID: TB-IW10

Prep Type: Total/NA

Prep Batch: 15348

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND	*+	47.9	36.0		mg/Kg		75	44 - 136	12	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	80		62 - 134								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-15345/1-A

Matrix: Solid

Analysis Batch: 15286

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 15345

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0	mg/Kg		11/04/24 14:21	11/04/24 15:05	1

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-15345/2-A				Client Sample ID: Lab Control Sample							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 15286				Prep Batch: 15345							
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			30.0	29.3		mg/Kg		98	90 - 110		

Lab Sample ID: 885-14636-2 MS				Client Sample ID: TB-W19							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 15286				Prep Batch: 15345							
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	92		30.1	107		mg/Kg		50	50 - 150		

Lab Sample ID: 885-14636-2 MSD				Client Sample ID: TB-W19							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 15286				Prep Batch: 15345							
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Chloride	92		30.0	127		mg/Kg		119	50 - 150	18	20

Lab Sample ID: MB 885-15367/1-A				Client Sample ID: Method Blank							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 15366				Prep Batch: 15367							
Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed		Dil Fac	
Chloride	ND		3.0		mg/Kg		11/05/24 06:59	11/05/24 08:12		1	

Lab Sample ID: LCS 885-15367/2-A				Client Sample ID: Lab Control Sample							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 15366				Prep Batch: 15367							
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			30.0	29.2		mg/Kg		97	90 - 110		

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

GC VOA

Prep Batch: 15313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-14636-1	TB-W18	Total/NA	Solid	5030C	
885-14636-2	TB-W19	Total/NA	Solid	5030C	
885-14636-3	TB-W20	Total/NA	Solid	5030C	
885-14636-4	TB-W21	Total/NA	Solid	5030C	
885-14636-5	TB-W22	Total/NA	Solid	5030C	
885-14636-6	TB-W23	Total/NA	Solid	5030C	
885-14636-7	TB-W24	Total/NA	Solid	5030C	
885-14636-8	TB-W25	Total/NA	Solid	5030C	
885-14636-9	TB-W26	Total/NA	Solid	5030C	
885-14636-10	TB-W27	Total/NA	Solid	5030C	
885-14636-11	TB-W28	Total/NA	Solid	5030C	
885-14636-12	TB-W29	Total/NA	Solid	5030C	
885-14636-13	TB-W30	Total/NA	Solid	5030C	
885-14636-14	TB-W31	Total/NA	Solid	5030C	
885-14636-15	TB-W32	Total/NA	Solid	5030C	
885-14636-16	TB-W33	Total/NA	Solid	5030C	
885-14636-17	TB-W34	Total/NA	Solid	5030C	
885-14636-18	TB-W35	Total/NA	Solid	5030C	
885-14636-19	TB-W36	Total/NA	Solid	5030C	
885-14636-20	TB-IW1	Total/NA	Solid	5030C	
MB 885-15313/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-15313/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-15313/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-14636-1 MS	TB-W18	Total/NA	Solid	5030C	
885-14636-1 MSD	TB-W18	Total/NA	Solid	5030C	
885-14636-2 MS	TB-W19	Total/NA	Solid	5030C	
885-14636-2 MSD	TB-W19	Total/NA	Solid	5030C	

Prep Batch: 15342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-14636-21	TB-IW2	Total/NA	Solid	5030C	
885-14636-22	TB-IW3	Total/NA	Solid	5030C	
885-14636-23	TB-IW4	Total/NA	Solid	5030C	
885-14636-24	TB-IW5	Total/NA	Solid	5030C	
885-14636-25	TB-IW6	Total/NA	Solid	5030C	
885-14636-26	TB-IW7	Total/NA	Solid	5030C	
885-14636-27	TB-IW8	Total/NA	Solid	5030C	
885-14636-28	TB-IW9	Total/NA	Solid	5030C	
885-14636-29	TB-IW10	Total/NA	Solid	5030C	
885-14636-30	TB-IW11	Total/NA	Solid	5030C	
885-14636-31	TB-IW12	Total/NA	Solid	5030C	
885-14636-32	TB-IW13	Total/NA	Solid	5030C	
885-14636-33	TB-IW14	Total/NA	Solid	5030C	
885-14636-34	TB-IW15	Total/NA	Solid	5030C	
885-14636-35	TB-IW16	Total/NA	Solid	5030C	
885-14636-36	TB-IW17	Total/NA	Solid	5030C	
885-14636-37	TB-IW18	Total/NA	Solid	5030C	
885-14636-38	TB-IW19	Total/NA	Solid	5030C	
885-14636-39	TB-IW20	Total/NA	Solid	5030C	
MB 885-15342/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-15342/2-A	Lab Control Sample	Total/NA	Solid	5030C	

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

GC VOA (Continued)

Prep Batch: 15342 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 885-15342/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-14636-21 MS	TB-IW2	Total/NA	Solid	5030C	
885-14636-21 MSD	TB-IW2	Total/NA	Solid	5030C	
885-14636-22 MS	TB-IW3	Total/NA	Solid	5030C	
885-14636-22 MSD	TB-IW3	Total/NA	Solid	5030C	

Analysis Batch: 15383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-14636-21	TB-IW2	Total/NA	Solid	8015M/D	15342
885-14636-22	TB-IW3	Total/NA	Solid	8015M/D	15342
885-14636-23	TB-IW4	Total/NA	Solid	8015M/D	15342
885-14636-24	TB-IW5	Total/NA	Solid	8015M/D	15342
885-14636-25	TB-IW6	Total/NA	Solid	8015M/D	15342
885-14636-26	TB-IW7	Total/NA	Solid	8015M/D	15342
885-14636-27	TB-IW8	Total/NA	Solid	8015M/D	15342
885-14636-28	TB-IW9	Total/NA	Solid	8015M/D	15342
885-14636-29	TB-IW10	Total/NA	Solid	8015M/D	15342
885-14636-30	TB-IW11	Total/NA	Solid	8015M/D	15342
885-14636-31	TB-IW12	Total/NA	Solid	8015M/D	15342
885-14636-32	TB-IW13	Total/NA	Solid	8015M/D	15342
885-14636-33	TB-IW14	Total/NA	Solid	8015M/D	15342
885-14636-34	TB-IW15	Total/NA	Solid	8015M/D	15342
885-14636-35	TB-IW16	Total/NA	Solid	8015M/D	15342
885-14636-36	TB-IW17	Total/NA	Solid	8015M/D	15342
885-14636-37	TB-IW18	Total/NA	Solid	8015M/D	15342
885-14636-38	TB-IW19	Total/NA	Solid	8015M/D	15342
885-14636-39	TB-IW20	Total/NA	Solid	8015M/D	15342
MB 885-15342/1-A	Method Blank	Total/NA	Solid	8015M/D	15342
LCS 885-15342/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	15342
885-14636-21 MS	TB-IW2	Total/NA	Solid	8015M/D	15342
885-14636-21 MSD	TB-IW2	Total/NA	Solid	8015M/D	15342

Analysis Batch: 15384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-14636-21	TB-IW2	Total/NA	Solid	8021B	15342
885-14636-22	TB-IW3	Total/NA	Solid	8021B	15342
885-14636-23	TB-IW4	Total/NA	Solid	8021B	15342
885-14636-24	TB-IW5	Total/NA	Solid	8021B	15342
885-14636-25	TB-IW6	Total/NA	Solid	8021B	15342
885-14636-26	TB-IW7	Total/NA	Solid	8021B	15342
885-14636-27	TB-IW8	Total/NA	Solid	8021B	15342
885-14636-28	TB-IW9	Total/NA	Solid	8021B	15342
885-14636-29	TB-IW10	Total/NA	Solid	8021B	15342
885-14636-30	TB-IW11	Total/NA	Solid	8021B	15342
885-14636-31	TB-IW12	Total/NA	Solid	8021B	15342
885-14636-32	TB-IW13	Total/NA	Solid	8021B	15342
885-14636-33	TB-IW14	Total/NA	Solid	8021B	15342
885-14636-34	TB-IW15	Total/NA	Solid	8021B	15342
885-14636-35	TB-IW16	Total/NA	Solid	8021B	15342
885-14636-36	TB-IW17	Total/NA	Solid	8021B	15342
885-14636-37	TB-IW18	Total/NA	Solid	8021B	15342

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

GC VOA (Continued)

Analysis Batch: 15384 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-14636-38	TB-IW19	Total/NA	Solid	8021B	15342
885-14636-39	TB-IW20	Total/NA	Solid	8021B	15342
MB 885-15342/1-A	Method Blank	Total/NA	Solid	8021B	15342
LCS 885-15342/3-A	Lab Control Sample	Total/NA	Solid	8021B	15342
885-14636-22 MS	TB-IW3	Total/NA	Solid	8021B	15342
885-14636-22 MSD	TB-IW3	Total/NA	Solid	8021B	15342

Analysis Batch: 15537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-14636-1	TB-W18	Total/NA	Solid	8015M/D	15313
885-14636-2	TB-W19	Total/NA	Solid	8015M/D	15313
885-14636-3	TB-W20	Total/NA	Solid	8015M/D	15313
885-14636-4	TB-W21	Total/NA	Solid	8015M/D	15313
885-14636-5	TB-W22	Total/NA	Solid	8015M/D	15313
885-14636-6	TB-W23	Total/NA	Solid	8015M/D	15313
885-14636-7	TB-W24	Total/NA	Solid	8015M/D	15313
885-14636-8	TB-W25	Total/NA	Solid	8015M/D	15313
885-14636-9	TB-W26	Total/NA	Solid	8015M/D	15313
885-14636-10	TB-W27	Total/NA	Solid	8015M/D	15313
885-14636-11	TB-W28	Total/NA	Solid	8015M/D	15313
885-14636-12	TB-W29	Total/NA	Solid	8015M/D	15313
885-14636-13	TB-W30	Total/NA	Solid	8015M/D	15313
885-14636-14	TB-W31	Total/NA	Solid	8015M/D	15313
885-14636-15	TB-W32	Total/NA	Solid	8015M/D	15313
885-14636-16	TB-W33	Total/NA	Solid	8015M/D	15313
885-14636-17	TB-W34	Total/NA	Solid	8015M/D	15313
885-14636-18	TB-W35	Total/NA	Solid	8015M/D	15313
885-14636-19	TB-W36	Total/NA	Solid	8015M/D	15313
885-14636-20	TB-IW1	Total/NA	Solid	8015M/D	15313
MB 885-15313/1-A	Method Blank	Total/NA	Solid	8015M/D	15313
LCS 885-15313/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	15313
885-14636-1 MS	TB-W18	Total/NA	Solid	8015M/D	15313
885-14636-1 MSD	TB-W18	Total/NA	Solid	8015M/D	15313

Analysis Batch: 15538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-14636-1	TB-W18	Total/NA	Solid	8021B	15313
885-14636-2	TB-W19	Total/NA	Solid	8021B	15313
885-14636-3	TB-W20	Total/NA	Solid	8021B	15313
885-14636-4	TB-W21	Total/NA	Solid	8021B	15313
885-14636-5	TB-W22	Total/NA	Solid	8021B	15313
885-14636-6	TB-W23	Total/NA	Solid	8021B	15313
885-14636-7	TB-W24	Total/NA	Solid	8021B	15313
885-14636-8	TB-W25	Total/NA	Solid	8021B	15313
885-14636-9	TB-W26	Total/NA	Solid	8021B	15313
885-14636-10	TB-W27	Total/NA	Solid	8021B	15313
885-14636-11	TB-W28	Total/NA	Solid	8021B	15313
885-14636-12	TB-W29	Total/NA	Solid	8021B	15313
885-14636-13	TB-W30	Total/NA	Solid	8021B	15313
885-14636-14	TB-W31	Total/NA	Solid	8021B	15313
885-14636-15	TB-W32	Total/NA	Solid	8021B	15313

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

GC VOA (Continued)

Analysis Batch: 15538 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-14636-16	TB-W33	Total/NA	Solid	8021B	15313
885-14636-17	TB-W34	Total/NA	Solid	8021B	15313
885-14636-18	TB-W35	Total/NA	Solid	8021B	15313
885-14636-19	TB-W36	Total/NA	Solid	8021B	15313
885-14636-20	TB-IW1	Total/NA	Solid	8021B	15313
MB 885-15313/1-A	Method Blank	Total/NA	Solid	8021B	15313
LCS 885-15313/3-A	Lab Control Sample	Total/NA	Solid	8021B	15313
885-14636-2 MS	TB-W19	Total/NA	Solid	8021B	15313
885-14636-2 MSD	TB-W19	Total/NA	Solid	8021B	15313

GC Semi VOA

Prep Batch: 15331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-14636-1	TB-W18	Total/NA	Solid	SHAKE	
885-14636-2	TB-W19	Total/NA	Solid	SHAKE	
885-14636-3	TB-W20	Total/NA	Solid	SHAKE	
885-14636-4	TB-W21	Total/NA	Solid	SHAKE	
885-14636-5	TB-W22	Total/NA	Solid	SHAKE	
885-14636-6	TB-W23	Total/NA	Solid	SHAKE	
885-14636-7	TB-W24	Total/NA	Solid	SHAKE	
885-14636-8	TB-W25	Total/NA	Solid	SHAKE	
885-14636-9	TB-W26	Total/NA	Solid	SHAKE	
885-14636-10	TB-W27	Total/NA	Solid	SHAKE	
885-14636-11	TB-W28	Total/NA	Solid	SHAKE	
885-14636-12	TB-W29	Total/NA	Solid	SHAKE	
885-14636-13	TB-W30	Total/NA	Solid	SHAKE	
885-14636-14	TB-W31	Total/NA	Solid	SHAKE	
885-14636-15	TB-W32	Total/NA	Solid	SHAKE	
885-14636-16	TB-W33	Total/NA	Solid	SHAKE	
885-14636-17	TB-W34	Total/NA	Solid	SHAKE	
885-14636-18	TB-W35	Total/NA	Solid	SHAKE	
885-14636-19	TB-W36	Total/NA	Solid	SHAKE	
885-14636-20	TB-IW1	Total/NA	Solid	SHAKE	
MB 885-15331/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-15331/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-14636-19 MS	TB-W36	Total/NA	Solid	SHAKE	
885-14636-19 MSD	TB-W36	Total/NA	Solid	SHAKE	

Prep Batch: 15348

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-14636-21	TB-IW2	Total/NA	Solid	SHAKE	
885-14636-22	TB-IW3	Total/NA	Solid	SHAKE	
885-14636-23	TB-IW4	Total/NA	Solid	SHAKE	
885-14636-24	TB-IW5	Total/NA	Solid	SHAKE	
885-14636-25	TB-IW6	Total/NA	Solid	SHAKE	
885-14636-26	TB-IW7	Total/NA	Solid	SHAKE	
885-14636-27	TB-IW8	Total/NA	Solid	SHAKE	
885-14636-28	TB-IW9	Total/NA	Solid	SHAKE	
885-14636-29	TB-IW10	Total/NA	Solid	SHAKE	
885-14636-30	TB-IW11	Total/NA	Solid	SHAKE	

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

GC Semi VOA (Continued)

Prep Batch: 15348 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-14636-31	TB-IW12	Total/NA	Solid	SHAKE	
885-14636-32	TB-IW13	Total/NA	Solid	SHAKE	
885-14636-33	TB-IW14	Total/NA	Solid	SHAKE	
885-14636-34	TB-IW15	Total/NA	Solid	SHAKE	
885-14636-35	TB-IW16	Total/NA	Solid	SHAKE	
885-14636-36	TB-IW17	Total/NA	Solid	SHAKE	
885-14636-37	TB-IW18	Total/NA	Solid	SHAKE	
885-14636-38	TB-IW19	Total/NA	Solid	SHAKE	
885-14636-39	TB-IW20	Total/NA	Solid	SHAKE	
MB 885-15348/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-15348/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-14636-29 MS	TB-IW10	Total/NA	Solid	SHAKE	
885-14636-29 MSD	TB-IW10	Total/NA	Solid	SHAKE	

Analysis Batch: 15394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-14636-1	TB-W18	Total/NA	Solid	8015M/D	15331
885-14636-2	TB-W19	Total/NA	Solid	8015M/D	15331
885-14636-3	TB-W20	Total/NA	Solid	8015M/D	15331
885-14636-4	TB-W21	Total/NA	Solid	8015M/D	15331
885-14636-5	TB-W22	Total/NA	Solid	8015M/D	15331
885-14636-6	TB-W23	Total/NA	Solid	8015M/D	15331
885-14636-7	TB-W24	Total/NA	Solid	8015M/D	15331
885-14636-8	TB-W25	Total/NA	Solid	8015M/D	15331
885-14636-9	TB-W26	Total/NA	Solid	8015M/D	15331
885-14636-10	TB-W27	Total/NA	Solid	8015M/D	15331
885-14636-11	TB-W28	Total/NA	Solid	8015M/D	15331
885-14636-12	TB-W29	Total/NA	Solid	8015M/D	15331
885-14636-13	TB-W30	Total/NA	Solid	8015M/D	15331
885-14636-14	TB-W31	Total/NA	Solid	8015M/D	15331
885-14636-15	TB-W32	Total/NA	Solid	8015M/D	15331
885-14636-16	TB-W33	Total/NA	Solid	8015M/D	15331
885-14636-17	TB-W34	Total/NA	Solid	8015M/D	15331
885-14636-18	TB-W35	Total/NA	Solid	8015M/D	15331
885-14636-19	TB-W36	Total/NA	Solid	8015M/D	15331
885-14636-20	TB-IW1	Total/NA	Solid	8015M/D	15331
885-14636-21	TB-IW2	Total/NA	Solid	8015M/D	15348
885-14636-22	TB-IW3	Total/NA	Solid	8015M/D	15348
885-14636-23	TB-IW4	Total/NA	Solid	8015M/D	15348
885-14636-24	TB-IW5	Total/NA	Solid	8015M/D	15348
885-14636-25	TB-IW6	Total/NA	Solid	8015M/D	15348
885-14636-26	TB-IW7	Total/NA	Solid	8015M/D	15348
885-14636-27	TB-IW8	Total/NA	Solid	8015M/D	15348
885-14636-28	TB-IW9	Total/NA	Solid	8015M/D	15348
885-14636-29	TB-IW10	Total/NA	Solid	8015M/D	15348
885-14636-30	TB-IW11	Total/NA	Solid	8015M/D	15348
885-14636-31	TB-IW12	Total/NA	Solid	8015M/D	15348
885-14636-32	TB-IW13	Total/NA	Solid	8015M/D	15348
885-14636-33	TB-IW14	Total/NA	Solid	8015M/D	15348
885-14636-34	TB-IW15	Total/NA	Solid	8015M/D	15348
885-14636-35	TB-IW16	Total/NA	Solid	8015M/D	15348

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

GC Semi VOA (Continued)

Analysis Batch: 15394 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-14636-36	TB-IW17	Total/NA	Solid	8015M/D	15348
885-14636-37	TB-IW18	Total/NA	Solid	8015M/D	15348
885-14636-38	TB-IW19	Total/NA	Solid	8015M/D	15348
885-14636-39	TB-IW20	Total/NA	Solid	8015M/D	15348
MB 885-15331/1-A	Method Blank	Total/NA	Solid	8015M/D	15331
MB 885-15348/1-A	Method Blank	Total/NA	Solid	8015M/D	15348
LCS 885-15331/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	15331
LCS 885-15348/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	15348
885-14636-19 MS	TB-W36	Total/NA	Solid	8015M/D	15331
885-14636-19 MSD	TB-W36	Total/NA	Solid	8015M/D	15331
885-14636-29 MS	TB-IW10	Total/NA	Solid	8015M/D	15348
885-14636-29 MSD	TB-IW10	Total/NA	Solid	8015M/D	15348

HPLC/IC

Analysis Batch: 15286

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-14636-1	TB-W18	Total/NA	Solid	300.0	15345
885-14636-2	TB-W19	Total/NA	Solid	300.0	15345
885-14636-3	TB-W20	Total/NA	Solid	300.0	15345
885-14636-4	TB-W21	Total/NA	Solid	300.0	15345
885-14636-5	TB-W22	Total/NA	Solid	300.0	15345
885-14636-6	TB-W23	Total/NA	Solid	300.0	15345
885-14636-7	TB-W24	Total/NA	Solid	300.0	15345
885-14636-8	TB-W25	Total/NA	Solid	300.0	15345
885-14636-9	TB-W26	Total/NA	Solid	300.0	15345
885-14636-10	TB-W27	Total/NA	Solid	300.0	15345
885-14636-11	TB-W28	Total/NA	Solid	300.0	15345
885-14636-12	TB-W29	Total/NA	Solid	300.0	15345
885-14636-13	TB-W30	Total/NA	Solid	300.0	15345
885-14636-14	TB-W31	Total/NA	Solid	300.0	15345
885-14636-16	TB-W33	Total/NA	Solid	300.0	15345
885-14636-17	TB-W34	Total/NA	Solid	300.0	15345
885-14636-18	TB-W35	Total/NA	Solid	300.0	15345
885-14636-19	TB-W36	Total/NA	Solid	300.0	15345
885-14636-20	TB-IW1	Total/NA	Solid	300.0	15345
MB 885-15345/1-A	Method Blank	Total/NA	Solid	300.0	15345
LCS 885-15345/2-A	Lab Control Sample	Total/NA	Solid	300.0	15345
885-14636-2 MS	TB-W19	Total/NA	Solid	300.0	15345
885-14636-2 MSD	TB-W19	Total/NA	Solid	300.0	15345

Prep Batch: 15345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-14636-1	TB-W18	Total/NA	Solid	300_Prep	
885-14636-2	TB-W19	Total/NA	Solid	300_Prep	
885-14636-3	TB-W20	Total/NA	Solid	300_Prep	
885-14636-4	TB-W21	Total/NA	Solid	300_Prep	
885-14636-5	TB-W22	Total/NA	Solid	300_Prep	
885-14636-6	TB-W23	Total/NA	Solid	300_Prep	
885-14636-7	TB-W24	Total/NA	Solid	300_Prep	
885-14636-8	TB-W25	Total/NA	Solid	300_Prep	

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

HPLC/IC (Continued)

Prep Batch: 15345 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-14636-9	TB-W26	Total/NA	Solid	300_Prep	
885-14636-10	TB-W27	Total/NA	Solid	300_Prep	
885-14636-11	TB-W28	Total/NA	Solid	300_Prep	
885-14636-12	TB-W29	Total/NA	Solid	300_Prep	
885-14636-13	TB-W30	Total/NA	Solid	300_Prep	
885-14636-14	TB-W31	Total/NA	Solid	300_Prep	
885-14636-15	TB-W32	Total/NA	Solid	300_Prep	
885-14636-16	TB-W33	Total/NA	Solid	300_Prep	
885-14636-17	TB-W34	Total/NA	Solid	300_Prep	
885-14636-18	TB-W35	Total/NA	Solid	300_Prep	
885-14636-19	TB-W36	Total/NA	Solid	300_Prep	
885-14636-20	TB-IW1	Total/NA	Solid	300_Prep	
MB 885-15345/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-15345/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-14636-2 MS	TB-W19	Total/NA	Solid	300_Prep	
885-14636-2 MSD	TB-W19	Total/NA	Solid	300_Prep	

Analysis Batch: 15366

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-14636-15	TB-W32	Total/NA	Solid	300.0	15345
885-14636-21	TB-IW2	Total/NA	Solid	300.0	15367
885-14636-22	TB-IW3	Total/NA	Solid	300.0	15367
885-14636-23	TB-IW4	Total/NA	Solid	300.0	15367
885-14636-24	TB-IW5	Total/NA	Solid	300.0	15367
885-14636-25	TB-IW6	Total/NA	Solid	300.0	15367
885-14636-26	TB-IW7	Total/NA	Solid	300.0	15367
885-14636-27	TB-IW8	Total/NA	Solid	300.0	15367
885-14636-28	TB-IW9	Total/NA	Solid	300.0	15367
885-14636-29	TB-IW10	Total/NA	Solid	300.0	15367
885-14636-30	TB-IW11	Total/NA	Solid	300.0	15367
885-14636-31	TB-IW12	Total/NA	Solid	300.0	15367
885-14636-32	TB-IW13	Total/NA	Solid	300.0	15367
885-14636-33	TB-IW14	Total/NA	Solid	300.0	15367
885-14636-34	TB-IW15	Total/NA	Solid	300.0	15367
885-14636-35	TB-IW16	Total/NA	Solid	300.0	15367
885-14636-36	TB-IW17	Total/NA	Solid	300.0	15367
885-14636-37	TB-IW18	Total/NA	Solid	300.0	15367
885-14636-38	TB-IW19	Total/NA	Solid	300.0	15367
885-14636-39	TB-IW20	Total/NA	Solid	300.0	15367
MB 885-15367/1-A	Method Blank	Total/NA	Solid	300.0	15367
LCS 885-15367/2-A	Lab Control Sample	Total/NA	Solid	300.0	15367

Prep Batch: 15367

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-14636-21	TB-IW2	Total/NA	Solid	300_Prep	
885-14636-22	TB-IW3	Total/NA	Solid	300_Prep	
885-14636-23	TB-IW4	Total/NA	Solid	300_Prep	
885-14636-24	TB-IW5	Total/NA	Solid	300_Prep	
885-14636-25	TB-IW6	Total/NA	Solid	300_Prep	
885-14636-26	TB-IW7	Total/NA	Solid	300_Prep	
885-14636-27	TB-IW8	Total/NA	Solid	300_Prep	

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

HPLC/IC (Continued)

Prep Batch: 15367 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-14636-28	TB-IW9	Total/NA	Solid	300_Prep	
885-14636-29	TB-IW10	Total/NA	Solid	300_Prep	
885-14636-30	TB-IW11	Total/NA	Solid	300_Prep	
885-14636-31	TB-IW12	Total/NA	Solid	300_Prep	
885-14636-32	TB-IW13	Total/NA	Solid	300_Prep	
885-14636-33	TB-IW14	Total/NA	Solid	300_Prep	
885-14636-34	TB-IW15	Total/NA	Solid	300_Prep	
885-14636-35	TB-IW16	Total/NA	Solid	300_Prep	
885-14636-36	TB-IW17	Total/NA	Solid	300_Prep	
885-14636-37	TB-IW18	Total/NA	Solid	300_Prep	
885-14636-38	TB-IW19	Total/NA	Solid	300_Prep	
885-14636-39	TB-IW20	Total/NA	Solid	300_Prep	
MB 885-15367/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-15367/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-W18

Lab Sample ID: 885-14636-1

Date Collected: 11/01/24 08:50

Matrix: Solid

Date Received: 11/02/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8015M/D		1	15537	JP	EET ALB	11/07/24 18:44
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8021B		1	15538	JP	EET ALB	11/07/24 18:44
Total/NA	Prep	SHAKE			15331	MI	EET ALB	11/04/24 11:56
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 14:34
Total/NA	Prep	300_Prep			15345	JT	EET ALB	11/04/24 14:21
Total/NA	Analysis	300.0		20	15286	JT	EET ALB	11/04/24 15:24

Client Sample ID: TB-W19

Lab Sample ID: 885-14636-2

Date Collected: 11/01/24 08:54

Matrix: Solid

Date Received: 11/02/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8015M/D		1	15537	JP	EET ALB	11/07/24 19:54
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8021B		1	15538	JP	EET ALB	11/07/24 19:54
Total/NA	Prep	SHAKE			15331	MI	EET ALB	11/04/24 11:56
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 14:45
Total/NA	Prep	300_Prep			15345	JT	EET ALB	11/04/24 14:21
Total/NA	Analysis	300.0		20	15286	JT	EET ALB	11/04/24 15:54

Client Sample ID: TB-W20

Lab Sample ID: 885-14636-3

Date Collected: 11/01/24 09:00

Matrix: Solid

Date Received: 11/02/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8015M/D		1	15537	JP	EET ALB	11/07/24 21:04
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8021B		1	15538	JP	EET ALB	11/07/24 21:04
Total/NA	Prep	SHAKE			15331	MI	EET ALB	11/04/24 11:56
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 14:55
Total/NA	Prep	300_Prep			15345	JT	EET ALB	11/04/24 14:21
Total/NA	Analysis	300.0		20	15286	JT	EET ALB	11/04/24 16:43

Client Sample ID: TB-W21

Lab Sample ID: 885-14636-4

Date Collected: 11/01/24 09:02

Matrix: Solid

Date Received: 11/02/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8015M/D		1	15537	JP	EET ALB	11/07/24 21:27

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-W21

Lab Sample ID: 885-14636-4

Date Collected: 11/01/24 09:02

Matrix: Solid

Date Received: 11/02/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8021B		1	15538	JP	EET ALB	11/07/24 21:27
Total/NA	Prep	SHAKE			15331	MI	EET ALB	11/04/24 11:56
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 15:06
Total/NA	Prep	300_Prep			15345	JT	EET ALB	11/04/24 14:21
Total/NA	Analysis	300.0		20	15286	JT	EET ALB	11/04/24 16:53

Client Sample ID: TB-W22

Lab Sample ID: 885-14636-5

Date Collected: 11/01/24 09:04

Matrix: Solid

Date Received: 11/02/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8015M/D		1	15537	JP	EET ALB	11/07/24 21:51
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8021B		1	15538	JP	EET ALB	11/07/24 21:51
Total/NA	Prep	SHAKE			15331	MI	EET ALB	11/04/24 11:56
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 15:17
Total/NA	Prep	300_Prep			15345	JT	EET ALB	11/04/24 14:21
Total/NA	Analysis	300.0		20	15286	JT	EET ALB	11/04/24 17:03

Client Sample ID: TB-W23

Lab Sample ID: 885-14636-6

Date Collected: 11/01/24 09:10

Matrix: Solid

Date Received: 11/02/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8015M/D		1	15537	JP	EET ALB	11/07/24 22:14
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8021B		1	15538	JP	EET ALB	11/07/24 22:14
Total/NA	Prep	SHAKE			15331	MI	EET ALB	11/04/24 11:56
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 15:27
Total/NA	Prep	300_Prep			15345	JT	EET ALB	11/04/24 14:21
Total/NA	Analysis	300.0		20	15286	JT	EET ALB	11/04/24 17:13

Client Sample ID: TB-W24

Lab Sample ID: 885-14636-7

Date Collected: 11/01/24 09:14

Matrix: Solid

Date Received: 11/02/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8015M/D		1	15537	JP	EET ALB	11/07/24 22:37
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8021B		1	15538	JP	EET ALB	11/07/24 22:37

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-W24
Date Collected: 11/01/24 09:14
Date Received: 11/02/24 08:15

Lab Sample ID: 885-14636-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			15331	MI	EET ALB	11/04/24 11:56
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 15:38
Total/NA	Prep	300_Prep			15345	JT	EET ALB	11/04/24 14:21
Total/NA	Analysis	300.0		20	15286	JT	EET ALB	11/04/24 17:23

Client Sample ID: TB-W25
Date Collected: 11/01/24 09:22
Date Received: 11/02/24 08:15

Lab Sample ID: 885-14636-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8015M/D		1	15537	JP	EET ALB	11/07/24 23:00
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8021B		1	15538	JP	EET ALB	11/07/24 23:00
Total/NA	Prep	SHAKE			15331	MI	EET ALB	11/04/24 11:56
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 15:59
Total/NA	Prep	300_Prep			15345	JT	EET ALB	11/04/24 14:21
Total/NA	Analysis	300.0		20	15286	JT	EET ALB	11/04/24 17:32

Client Sample ID: TB-W26
Date Collected: 11/01/24 09:24
Date Received: 11/02/24 08:15

Lab Sample ID: 885-14636-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8015M/D		1	15537	JP	EET ALB	11/07/24 23:23
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8021B		1	15538	JP	EET ALB	11/07/24 23:23
Total/NA	Prep	SHAKE			15331	MI	EET ALB	11/04/24 11:56
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 16:10
Total/NA	Prep	300_Prep			15345	JT	EET ALB	11/04/24 14:21
Total/NA	Analysis	300.0		20	15286	JT	EET ALB	11/04/24 17:42

Client Sample ID: TB-W27
Date Collected: 11/01/24 09:30
Date Received: 11/02/24 08:15

Lab Sample ID: 885-14636-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8015M/D		1	15537	JP	EET ALB	11/07/24 23:46
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8021B		1	15538	JP	EET ALB	11/07/24 23:46
Total/NA	Prep	SHAKE			15331	MI	EET ALB	11/04/24 11:56
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 16:20

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-W27
Date Collected: 11/01/24 09:30
Date Received: 11/02/24 08:15

Lab Sample ID: 885-14636-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			15345	JT	EET ALB	11/04/24 14:21
Total/NA	Analysis	300.0		20	15286	JT	EET ALB	11/04/24 17:52

Client Sample ID: TB-W28
Date Collected: 11/01/24 09:36
Date Received: 11/02/24 08:15

Lab Sample ID: 885-14636-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8015M/D		1	15537	JP	EET ALB	11/08/24 00:33
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8021B		1	15538	JP	EET ALB	11/08/24 00:33
Total/NA	Prep	SHAKE			15331	MI	EET ALB	11/04/24 11:56
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 16:31
Total/NA	Prep	300_Prep			15345	JT	EET ALB	11/04/24 14:21
Total/NA	Analysis	300.0		20	15286	JT	EET ALB	11/04/24 18:22

Client Sample ID: TB-W29
Date Collected: 11/01/24 09:42
Date Received: 11/02/24 08:15

Lab Sample ID: 885-14636-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8015M/D		1	15537	JP	EET ALB	11/08/24 00:56
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8021B		1	15538	JP	EET ALB	11/08/24 00:56
Total/NA	Prep	SHAKE			15331	MI	EET ALB	11/04/24 11:56
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 16:42
Total/NA	Prep	300_Prep			15345	JT	EET ALB	11/04/24 14:21
Total/NA	Analysis	300.0		20	15286	JT	EET ALB	11/04/24 18:31

Client Sample ID: TB-W30
Date Collected: 11/01/24 09:48
Date Received: 11/02/24 08:15

Lab Sample ID: 885-14636-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8015M/D		1	15537	JP	EET ALB	11/08/24 01:19
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8021B		1	15538	JP	EET ALB	11/08/24 01:19
Total/NA	Prep	SHAKE			15331	MI	EET ALB	11/04/24 11:56
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 16:52
Total/NA	Prep	300_Prep			15345	JT	EET ALB	11/04/24 14:21
Total/NA	Analysis	300.0		20	15286	JT	EET ALB	11/04/24 18:41

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-W31

Lab Sample ID: 885-14636-14

Date Collected: 11/01/24 10:00

Matrix: Solid

Date Received: 11/02/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8015M/D		1	15537	JP	EET ALB	11/08/24 01:42
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8021B		1	15538	JP	EET ALB	11/08/24 01:42
Total/NA	Prep	SHAKE			15331	MI	EET ALB	11/04/24 11:56
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 17:03
Total/NA	Prep	300_Prep			15345	JT	EET ALB	11/04/24 14:21
Total/NA	Analysis	300.0		20	15286	JT	EET ALB	11/04/24 18:51

Client Sample ID: TB-W32

Lab Sample ID: 885-14636-15

Date Collected: 11/01/24 10:02

Matrix: Solid

Date Received: 11/02/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8015M/D		1	15537	JP	EET ALB	11/08/24 02:05
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8021B		1	15538	JP	EET ALB	11/08/24 02:05
Total/NA	Prep	SHAKE			15331	MI	EET ALB	11/04/24 11:56
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 17:14
Total/NA	Prep	300_Prep			15345	JT	EET ALB	11/04/24 14:21
Total/NA	Analysis	300.0		50	15366	JT	EET ALB	11/05/24 08:02

Client Sample ID: TB-W33

Lab Sample ID: 885-14636-16

Date Collected: 11/01/24 10:06

Matrix: Solid

Date Received: 11/02/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8015M/D		1	15537	JP	EET ALB	11/08/24 02:28
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8021B		1	15538	JP	EET ALB	11/08/24 02:28
Total/NA	Prep	SHAKE			15331	MI	EET ALB	11/04/24 11:56
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 17:24
Total/NA	Prep	300_Prep			15345	JT	EET ALB	11/04/24 14:21
Total/NA	Analysis	300.0		20	15286	JT	EET ALB	11/04/24 19:11

Client Sample ID: TB-W34

Lab Sample ID: 885-14636-17

Date Collected: 11/01/24 10:10

Matrix: Solid

Date Received: 11/02/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8015M/D		1	15537	JP	EET ALB	11/08/24 02:51

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-W34

Lab Sample ID: 885-14636-17

Date Collected: 11/01/24 10:10

Matrix: Solid

Date Received: 11/02/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8021B		1	15538	JP	EET ALB	11/08/24 02:51
Total/NA	Prep	SHAKE			15331	MI	EET ALB	11/04/24 11:56
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 17:35
Total/NA	Prep	300_Prep			15345	JT	EET ALB	11/04/24 14:21
Total/NA	Analysis	300.0		20	15286	JT	EET ALB	11/04/24 19:21

Client Sample ID: TB-W35

Lab Sample ID: 885-14636-18

Date Collected: 11/01/24 10:12

Matrix: Solid

Date Received: 11/02/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8015M/D		1	15537	JP	EET ALB	11/08/24 03:15
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8021B		1	15538	JP	EET ALB	11/08/24 03:15
Total/NA	Prep	SHAKE			15331	MI	EET ALB	11/04/24 11:56
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 17:56
Total/NA	Prep	300_Prep			15345	JT	EET ALB	11/04/24 14:21
Total/NA	Analysis	300.0		20	15286	JT	EET ALB	11/04/24 19:31

Client Sample ID: TB-W36

Lab Sample ID: 885-14636-19

Date Collected: 11/01/24 10:14

Matrix: Solid

Date Received: 11/02/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8015M/D		1	15537	JP	EET ALB	11/08/24 03:38
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8021B		1	15538	JP	EET ALB	11/08/24 03:38
Total/NA	Prep	SHAKE			15331	MI	EET ALB	11/04/24 11:56
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 18:07
Total/NA	Prep	300_Prep			15345	JT	EET ALB	11/04/24 14:21
Total/NA	Analysis	300.0		20	15286	JT	EET ALB	11/04/24 19:40

Client Sample ID: TB-IW1

Lab Sample ID: 885-14636-20

Date Collected: 11/01/24 10:16

Matrix: Solid

Date Received: 11/02/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8015M/D		1	15537	JP	EET ALB	11/08/24 04:01
Total/NA	Prep	5030C			15313	AT	EET ALB	11/04/24 10:35
Total/NA	Analysis	8021B		1	15538	JP	EET ALB	11/08/24 04:01

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-IW1
Date Collected: 11/01/24 10:16
Date Received: 11/02/24 08:15

Lab Sample ID: 885-14636-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			15331	MI	EET ALB	11/04/24 11:56
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 18:40
Total/NA	Prep	300_Prep			15345	JT	EET ALB	11/04/24 14:21
Total/NA	Analysis	300.0		20	15286	JT	EET ALB	11/04/24 19:50

Client Sample ID: TB-IW2
Date Collected: 11/01/24 10:20
Date Received: 11/02/24 08:15

Lab Sample ID: 885-14636-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8015M/D		1	15383	JP	EET ALB	11/05/24 22:15
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8021B		1	15384	JP	EET ALB	11/05/24 22:15
Total/NA	Prep	SHAKE			15348	MI	EET ALB	11/04/24 15:12
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 19:22
Total/NA	Prep	300_Prep			15367	JT	EET ALB	11/05/24 06:59
Total/NA	Analysis	300.0		20	15366	JT	EET ALB	11/05/24 08:31

Client Sample ID: TB-IW3
Date Collected: 11/01/24 10:22
Date Received: 11/02/24 08:15

Lab Sample ID: 885-14636-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8015M/D		1	15383	JP	EET ALB	11/05/24 23:26
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8021B		1	15384	JP	EET ALB	11/05/24 23:26
Total/NA	Prep	SHAKE			15348	MI	EET ALB	11/04/24 15:12
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 19:33
Total/NA	Prep	300_Prep			15367	JT	EET ALB	11/05/24 06:59
Total/NA	Analysis	300.0		20	15366	JT	EET ALB	11/05/24 09:01

Client Sample ID: TB-IW4
Date Collected: 11/01/24 10:24
Date Received: 11/02/24 08:15

Lab Sample ID: 885-14636-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8015M/D		1	15383	JP	EET ALB	11/06/24 00:36
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8021B		1	15384	JP	EET ALB	11/06/24 00:36
Total/NA	Prep	SHAKE			15348	MI	EET ALB	11/04/24 15:12
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 19:44

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-IW4

Lab Sample ID: 885-14636-23

Date Collected: 11/01/24 10:24

Matrix: Solid

Date Received: 11/02/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			15367	JT	EET ALB	11/05/24 06:59
Total/NA	Analysis	300.0		20	15366	JT	EET ALB	11/05/24 09:31

Client Sample ID: TB-IW5

Lab Sample ID: 885-14636-24

Date Collected: 11/01/24 10:26

Matrix: Solid

Date Received: 11/02/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8015M/D		1	15383	JP	EET ALB	11/06/24 01:00
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8021B		1	15384	JP	EET ALB	11/06/24 01:00
Total/NA	Prep	SHAKE			15348	MI	EET ALB	11/04/24 15:12
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 19:55
Total/NA	Prep	300_Prep			15367	JT	EET ALB	11/05/24 06:59
Total/NA	Analysis	300.0		20	15366	JT	EET ALB	11/05/24 10:00

Client Sample ID: TB-IW6

Lab Sample ID: 885-14636-25

Date Collected: 11/01/24 10:30

Matrix: Solid

Date Received: 11/02/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8015M/D		1	15383	JP	EET ALB	11/06/24 01:23
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8021B		1	15384	JP	EET ALB	11/06/24 01:23
Total/NA	Prep	SHAKE			15348	MI	EET ALB	11/04/24 15:12
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 20:05
Total/NA	Prep	300_Prep			15367	JT	EET ALB	11/05/24 06:59
Total/NA	Analysis	300.0		20	15366	JT	EET ALB	11/05/24 10:10

Client Sample ID: TB-IW7

Lab Sample ID: 885-14636-26

Date Collected: 11/01/24 10:34

Matrix: Solid

Date Received: 11/02/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8015M/D		1	15383	JP	EET ALB	11/06/24 01:47
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8021B		1	15384	JP	EET ALB	11/06/24 01:47
Total/NA	Prep	SHAKE			15348	MI	EET ALB	11/04/24 15:12
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 20:16
Total/NA	Prep	300_Prep			15367	JT	EET ALB	11/05/24 06:59
Total/NA	Analysis	300.0		20	15366	JT	EET ALB	11/05/24 10:20

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-IW8
Date Collected: 11/01/24 10:36
Date Received: 11/02/24 08:15

Lab Sample ID: 885-14636-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8015M/D		1	15383	JP	EET ALB	11/06/24 02:10
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8021B		1	15384	JP	EET ALB	11/06/24 02:10
Total/NA	Prep	SHAKE			15348	MI	EET ALB	11/04/24 15:12
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 20:27
Total/NA	Prep	300_Prep			15367	JT	EET ALB	11/05/24 06:59
Total/NA	Analysis	300.0		20	15366	JT	EET ALB	11/05/24 10:30

Client Sample ID: TB-IW9
Date Collected: 11/01/24 10:38
Date Received: 11/02/24 08:15

Lab Sample ID: 885-14636-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8015M/D		1	15383	JP	EET ALB	11/06/24 02:34
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8021B		1	15384	JP	EET ALB	11/06/24 02:34
Total/NA	Prep	SHAKE			15348	MI	EET ALB	11/04/24 15:12
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 20:37
Total/NA	Prep	300_Prep			15367	JT	EET ALB	11/05/24 06:59
Total/NA	Analysis	300.0		20	15366	JT	EET ALB	11/05/24 10:39

Client Sample ID: TB-IW10
Date Collected: 11/01/24 10:40
Date Received: 11/02/24 08:15

Lab Sample ID: 885-14636-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8015M/D		1	15383	JP	EET ALB	11/06/24 02:57
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8021B		1	15384	JP	EET ALB	11/06/24 02:57
Total/NA	Prep	SHAKE			15348	MI	EET ALB	11/04/24 15:12
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 20:58
Total/NA	Prep	300_Prep			15367	JT	EET ALB	11/05/24 06:59
Total/NA	Analysis	300.0		20	15366	JT	EET ALB	11/05/24 10:49

Client Sample ID: TB-IW11
Date Collected: 11/01/24 10:42
Date Received: 11/02/24 08:15

Lab Sample ID: 885-14636-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8015M/D		1	15383	JP	EET ALB	11/06/24 03:21

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-IW11

Lab Sample ID: 885-14636-30

Date Collected: 11/01/24 10:42

Matrix: Solid

Date Received: 11/02/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8021B		1	15384	JP	EET ALB	11/06/24 03:21
Total/NA	Prep	SHAKE			15348	MI	EET ALB	11/04/24 15:12
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 21:30
Total/NA	Prep	300_Prep			15367	JT	EET ALB	11/05/24 06:59
Total/NA	Analysis	300.0		20	15366	JT	EET ALB	11/05/24 11:09

Client Sample ID: TB-IW12

Lab Sample ID: 885-14636-31

Date Collected: 11/01/24 10:46

Matrix: Solid

Date Received: 11/02/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8015M/D		1	15383	JP	EET ALB	11/06/24 04:07
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8021B		1	15384	JP	EET ALB	11/06/24 04:07
Total/NA	Prep	SHAKE			15348	MI	EET ALB	11/04/24 15:12
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 21:40
Total/NA	Prep	300_Prep			15367	JT	EET ALB	11/05/24 06:59
Total/NA	Analysis	300.0		20	15366	JT	EET ALB	11/05/24 11:19

Client Sample ID: TB-IW13

Lab Sample ID: 885-14636-32

Date Collected: 11/01/24 10:50

Matrix: Solid

Date Received: 11/02/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8015M/D		1	15383	JP	EET ALB	11/06/24 04:31
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8021B		1	15384	JP	EET ALB	11/06/24 04:31
Total/NA	Prep	SHAKE			15348	MI	EET ALB	11/04/24 15:12
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 21:51
Total/NA	Prep	300_Prep			15367	JT	EET ALB	11/05/24 06:59
Total/NA	Analysis	300.0		20	15366	JT	EET ALB	11/05/24 11:29

Client Sample ID: TB-IW14

Lab Sample ID: 885-14636-33

Date Collected: 11/01/24 10:56

Matrix: Solid

Date Received: 11/02/24 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8015M/D		1	15383	JP	EET ALB	11/06/24 04:54
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8021B		1	15384	JP	EET ALB	11/06/24 04:54

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-IW14
Date Collected: 11/01/24 10:56
Date Received: 11/02/24 08:15

Lab Sample ID: 885-14636-33
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			15348	MI	EET ALB	11/04/24 15:12
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 22:02
Total/NA	Prep	300_Prep			15367	JT	EET ALB	11/05/24 06:59
Total/NA	Analysis	300.0		20	15366	JT	EET ALB	11/05/24 11:58

Client Sample ID: TB-IW15
Date Collected: 11/01/24 11:00
Date Received: 11/02/24 08:15

Lab Sample ID: 885-14636-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8015M/D		1	15383	JP	EET ALB	11/06/24 05:17
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8021B		1	15384	JP	EET ALB	11/06/24 05:17
Total/NA	Prep	SHAKE			15348	MI	EET ALB	11/04/24 15:12
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 22:12
Total/NA	Prep	300_Prep			15367	JT	EET ALB	11/05/24 06:59
Total/NA	Analysis	300.0		20	15366	JT	EET ALB	11/05/24 12:08

Client Sample ID: TB-IW16
Date Collected: 11/01/24 11:02
Date Received: 11/02/24 08:15

Lab Sample ID: 885-14636-35
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8015M/D		1	15383	JP	EET ALB	11/06/24 05:41
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8021B		1	15384	JP	EET ALB	11/06/24 05:41
Total/NA	Prep	SHAKE			15348	MI	EET ALB	11/04/24 15:12
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 22:22
Total/NA	Prep	300_Prep			15367	JT	EET ALB	11/05/24 06:59
Total/NA	Analysis	300.0		20	15366	JT	EET ALB	11/05/24 12:18

Client Sample ID: TB-IW17
Date Collected: 11/01/24 11:04
Date Received: 11/02/24 08:15

Lab Sample ID: 885-14636-36
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8015M/D		1	15383	JP	EET ALB	11/06/24 06:04
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8021B		1	15384	JP	EET ALB	11/06/24 06:04
Total/NA	Prep	SHAKE			15348	MI	EET ALB	11/04/24 15:12
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 22:33

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Client Sample ID: TB-IW17

Date Collected: 11/01/24 11:04

Date Received: 11/02/24 08:15

Lab Sample ID: 885-14636-36

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			15367	JT	EET ALB	11/05/24 06:59
Total/NA	Analysis	300.0		20	15366	JT	EET ALB	11/05/24 12:28

Client Sample ID: TB-IW18

Date Collected: 11/01/24 11:06

Date Received: 11/02/24 08:15

Lab Sample ID: 885-14636-37

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8015M/D		1	15383	JP	EET ALB	11/06/24 06:27
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8021B		1	15384	JP	EET ALB	11/06/24 06:27
Total/NA	Prep	SHAKE			15348	MI	EET ALB	11/04/24 15:12
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 22:54
Total/NA	Prep	300_Prep			15367	JT	EET ALB	11/05/24 06:59
Total/NA	Analysis	300.0		20	15366	JT	EET ALB	11/05/24 12:38

Client Sample ID: TB-IW19

Date Collected: 11/01/24 11:10

Date Received: 11/02/24 08:15

Lab Sample ID: 885-14636-38

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8015M/D		1	15383	JP	EET ALB	11/06/24 06:51
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8021B		1	15384	JP	EET ALB	11/06/24 06:51
Total/NA	Prep	SHAKE			15348	MI	EET ALB	11/04/24 15:12
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 23:04
Total/NA	Prep	300_Prep			15367	JT	EET ALB	11/05/24 06:59
Total/NA	Analysis	300.0		20	15366	JT	EET ALB	11/05/24 12:47

Client Sample ID: TB-IW20

Date Collected: 11/01/24 11:12

Date Received: 11/02/24 08:15

Lab Sample ID: 885-14636-39

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8015M/D		1	15383	JP	EET ALB	11/06/24 07:14
Total/NA	Prep	5030C			15342	JP	EET ALB	11/04/24 13:38
Total/NA	Analysis	8021B		1	15384	JP	EET ALB	11/06/24 07:14
Total/NA	Prep	SHAKE			15348	MI	EET ALB	11/04/24 15:12
Total/NA	Analysis	8015M/D		1	15394	MI	EET ALB	11/05/24 23:15
Total/NA	Prep	300_Prep			15367	JT	EET ALB	11/05/24 06:59
Total/NA	Analysis	300.0		20	15366	JT	EET ALB	11/05/24 12:57

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

1
2
3
4
5
6
7
8
9
10
11

Accreditation/Certification Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-14636-1

Laboratory: Eurofins Albuquerque

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-26-25

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:

☒ Standard ☐ Level 4 (Full Validation)Accreditation: ☐ Az Compliance☒ NELAC ☐ Other☒ EDD (Type) ☐ Excel

Date	Time	Matrix	Sample Name
11/17/24	1036	SOIL	TB-IW6
	1034		TB-IW7
	1036		TB-IW8
	1038		TB-IW9
	1040		TB-IW10
	1042		TB-IW11
	1046		TB-IW12
	1050		TB-IW13
	1056		TB-IW14
	1100		TB-IW15
	1102		TB-IW16
	1104		TB-IW17

Date: 11/17/24 1513

Relinquished by: [Signature]

Date: 11/17/24 1513

Relinquished by: [Signature]

Turn-Around Time:

☐ Standard ☒ Rush

S DAY 7AT

Project Name:

Roy SWD #3

Project #: 5375

Project Manager: W. Kierdorf

Sampler: J. Martinez

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (including OF): 0.60.2-0.4

Cooler Temp (including OF): 0.60.2-0.4

Cooler Temp (including OF): 0.60.2-0.4

Cooler Temp (including OF): 0.60.2-0.4

Cooler Temp (including OF): 0.60.2-0.4

Cooler Temp (including OF): 0.60.2-0.4

Cooler Temp (including OF): 0.60.2-0.4

Cooler Temp (including OF): 0.60.2-0.4

Cooler Temp (including OF): 0.60.2-0.4

Cooler Temp (including OF): 0.60.2-0.4

Cooler Temp (including OF): 0.60.2-0.4

Cooler Temp (including OF): 0.60.2-0.4

Cooler Temp (including OF): 0.60.2-0.4

Cooler Temp (including OF): 0.60.2-0.4

Cooler Temp (including OF): 0.60.2-0.4

Cooler Temp (including OF): 0.60.2-0.4

Cooler Temp (including OF): 0.60.2-0.4

Cooler Temp (including OF): 0.60.2-0.4

Cooler Temp (including OF): 0.60.2-0.4

Cooler Temp (including OF): 0.60.2-0.4

Cooler Temp (including OF): 0.60.2-0.4

Cooler Temp (including OF): 0.60.2-0.4

Cooler Temp (including OF): 0.60.2-0.4

Cooler Temp (including OF): 0.60.2-0.4

Cooler Temp (including OF): 0.60.2-0.4

Cooler Temp (including OF): 0.60.2-0.4

Cooler Temp (including OF): 0.60.2-0.4

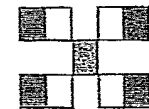
Cooler Temp (including OF): 0.60.2-0.4

Cooler Temp (including OF): 0.60.2-0.4

Cooler Temp (including OF): 0.60.2-0.4

Cooler Temp (including OF): 0.60.2-0.4

Cooler Temp (including OF): 0.60.2-0.4


**HALL ENVIRONMENTAL
ANALYSIS LABORATORY**

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

TPH, 8015D (GRO / DRO / MRO)

Chloride (EPA 300)

BTX (8021)

BTX (8021)

BTX (8021)

BTX (8021)

BTX (8021)

BTX (8021)

BTX (8021)

BTX (8021)

BTX (8021)

BTX (8021)

BTX (8021)

BTX (8021)

BTX (8021)

BTX (8021)

BTX (8021)

BTX (8021)

BTX (8021)

BTX (8021)

BTX (8021)

BTX (8021)

BTX (8021)

BTX (8021)

BTX (8021)

BTX (8021)

BTX (8021)

BTX (8021)

BTX (8021)

BTX (8021)

BTX (8021)

BTX (8021)

BTX (8021)

BTX (8021)

BTX (8021)

BTX (8021)

BTX (8021)

BTX (8021)

BTX (8021)

Remarks: Bill to EOG-Artesia

M100AND

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

☐ Standard ☒ Rush 5 Day TAT

Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210

2015 30 #3

Project #: 5375

email or Fax#: Will@RangerEnv.com

☒ **Standard**

Sampler: J. Martinez

On Ice: ☐ Yes ☒ No

On Ice: ☐ Yes ☒ No

of Coolers: (Yes:

Cooler Temp (including CE): 603-051

ア
ハ
ン
グ
ン
;

Container	Preservative	HEAL No

Type and #	e Type
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

	-	.
--	---	---

[illegible]

22

£:				
----	--	--	--	--

29	P	P
----	---	---

[illegible][illegible]

--	--	--	--	--	--

--	--	--	--

[illegible]

[illegible]

[illegible]

[illegible][illegible]

Received by: _____
Via: _____
Date: _____
Time: _____

$$\frac{15}{13}$$

Received by: V/a: Date Time

1

5/18 12/211 1990

contracted to other accredited laboratories. This serves as notice of this pro

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

10
11

Login Sample Receipt Checklist

Client: Ranger Environmental Services, Inc

Job Number: 885-14636-1

Login Number: 14636
List Number: 1
Creator: McQuiston, Steven

List Source: Eurofins Albuquerque

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").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	



Environment Testing

1

2

3

4

5

6

7

8

9

10

11

ANALYTICAL REPORT

PREPARED FOR

Attn: Will Kierdorf
Ranger Environmental Services, Inc
7215 McNeil Drive
PO BOX 201179
Austin, Texas 78729

Generated 12/5/2024 8:48:32 AM

JOB DESCRIPTION

Roy SWD #3

JOB NUMBER

885-15993-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Generated
12/5/2024 8:48:32 AM

Authorized for release by
Andy Freeman, Business Unit Manager
andy.freeman@et.eurofinsus.com
(505)345-3975

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Laboratory Job ID: 885-15993-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	31
QC Association Summary	37
Lab Chronicle	43
Certification Summary	51
Chain of Custody	52
Receipt Checklists	55



Definitions/Glossary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
S1-	Surrogate recovery exceeds control limits, low biased.

Glossary

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

Case Narrative

Client: Ranger Environmental Services, Inc
Project: Roy SWD #3

Job ID: 885-15993-1

Job ID: 885-15993-1

Eurofins Albuquerque

Job Narrative
885-15993-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 11/27/2024 7:47 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.1°C.

Gasoline Range Organics

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

GC VOA

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

Diesel Range Organics

Method 8015D_DRO: The continuing calibration verification (CCV) associated with batch 885-16826 recovered above the upper control limit for Diesel Range Organics [C10-C28]. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: TB-W35A (885-15993-14).

Method 8015D_DRO: The following sample was diluted due to the nature of the sample matrix: TB-W34A (885-15993-13)

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.

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Client Sample ID: TB-W18A

Lab Sample ID: 885-15993-1

Date Collected: 11/25/24 09:18

Matrix: Solid

Date Received: 11/27/24 07:47

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		11/27/24 10:23	12/02/24 10:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		35 - 166			11/27/24 10:23	12/02/24 10:34	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/27/24 10:23	12/02/24 10:34	1
Ethylbenzene	ND		0.049	mg/Kg		11/27/24 10:23	12/02/24 10:34	1
Toluene	ND		0.049	mg/Kg		11/27/24 10:23	12/02/24 10:34	1
Xylenes, Total	ND		0.097	mg/Kg		11/27/24 10:23	12/02/24 10:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		48 - 145			11/27/24 10:23	12/02/24 10:34	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1	mg/Kg		12/02/24 11:55	12/02/24 14:16	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		12/02/24 11:55	12/02/24 14:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	108		62 - 134			12/02/24 11:55	12/02/24 14:16	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	340		60	mg/Kg		11/27/24 12:41	11/27/24 14:55	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Client Sample ID: TB-W19A

Lab Sample ID: 885-15993-2

Date Collected: 11/25/24 09:54

Matrix: Solid

Date Received: 11/27/24 07:47

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		11/27/24 10:23	12/02/24 11:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		35 - 166			11/27/24 10:23	12/02/24 11:45	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/27/24 10:23	12/02/24 11:45	1
Ethylbenzene	ND		0.048	mg/Kg		11/27/24 10:23	12/02/24 11:45	1
Toluene	ND		0.048	mg/Kg		11/27/24 10:23	12/02/24 11:45	1
Xylenes, Total	ND		0.096	mg/Kg		11/27/24 10:23	12/02/24 11:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		48 - 145			11/27/24 10:23	12/02/24 11:45	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	460		9.7	mg/Kg		12/02/24 11:55	12/02/24 14:29	1
Motor Oil Range Organics [C28-C40]	810		49	mg/Kg		12/02/24 11:55	12/02/24 14:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	103		62 - 134			12/02/24 11:55	12/02/24 14:29	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	310		60	mg/Kg		11/27/24 12:41	11/27/24 15:24	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Client Sample ID: TB-W20A
Date Collected: 11/25/24 09:56
Date Received: 11/27/24 07:47

Lab Sample ID: 885-15993-3
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		11/27/24 10:23	12/02/24 12:55	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	97		35 - 166			11/27/24 10:23	12/02/24 12:55	1	

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.025	mg/Kg		11/27/24 10:23	12/02/24 12:55	1	
Ethylbenzene	ND		0.049	mg/Kg		11/27/24 10:23	12/02/24 12:55	1	
Toluene	ND		0.049	mg/Kg		11/27/24 10:23	12/02/24 12:55	1	
Xylenes, Total	ND		0.098	mg/Kg		11/27/24 10:23	12/02/24 12:55	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	105		48 - 145			11/27/24 10:23	12/02/24 12:55	1	

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		12/02/24 11:55	12/02/24 14:41	1	
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		12/02/24 11:55	12/02/24 14:41	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	107		62 - 134			12/02/24 11:55	12/02/24 14:41	1	

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	440		60	mg/Kg		11/27/24 12:41	11/27/24 15:34	20	

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Client Sample ID: TB-W21A
Date Collected: 11/25/24 10:00
Date Received: 11/27/24 07:47

Lab Sample ID: 885-15993-4
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		11/27/24 10:23	12/02/24 13:19	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	99		35 - 166			11/27/24 10:23	12/02/24 13:19	1	
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.023	mg/Kg		11/27/24 10:23	12/02/24 13:19	1	
Ethylbenzene	ND		0.047	mg/Kg		11/27/24 10:23	12/02/24 13:19	1	
Toluene	ND		0.047	mg/Kg		11/27/24 10:23	12/02/24 13:19	1	
Xylenes, Total	ND		0.094	mg/Kg		11/27/24 10:23	12/02/24 13:19	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	106		48 - 145			11/27/24 10:23	12/02/24 13:19	1	
Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		12/02/24 11:55	12/02/24 14:54	1	
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		12/02/24 11:55	12/02/24 14:54	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	106		62 - 134			12/02/24 11:55	12/02/24 14:54	1	
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	400		60	mg/Kg		11/27/24 12:41	11/27/24 15:44	20	

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Client Sample ID: TB-W22A
Date Collected: 11/25/24 10:02
Date Received: 11/27/24 07:47

Lab Sample ID: 885-15993-5
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		4.6	mg/Kg		11/27/24 10:23	12/02/24 13:43	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	97		35 - 166			11/27/24 10:23	12/02/24 13:43	1	

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.023	mg/Kg		11/27/24 10:23	12/02/24 13:43	1	
Ethylbenzene	ND		0.046	mg/Kg		11/27/24 10:23	12/02/24 13:43	1	
Toluene	ND		0.046	mg/Kg		11/27/24 10:23	12/02/24 13:43	1	
Xylenes, Total	ND		0.092	mg/Kg		11/27/24 10:23	12/02/24 13:43	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	105		48 - 145			11/27/24 10:23	12/02/24 13:43	1	

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		12/02/24 11:55	12/02/24 15:06	1	
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		12/02/24 11:55	12/02/24 15:06	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	97		62 - 134			12/02/24 11:55	12/02/24 15:06	1	

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	120		60	mg/Kg		11/27/24 12:41	11/27/24 15:54	20	

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Client Sample ID: TB-W24A
Date Collected: 11/25/24 10:04
Date Received: 11/27/24 07:47

Lab Sample ID: 885-15993-6
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		11/27/24 10:23	12/02/24 14:07	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	98		35 - 166			11/27/24 10:23	12/02/24 14:07	1	

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.024	mg/Kg		11/27/24 10:23	12/02/24 14:07	1	
Ethylbenzene	ND		0.047	mg/Kg		11/27/24 10:23	12/02/24 14:07	1	
Toluene	ND		0.047	mg/Kg		11/27/24 10:23	12/02/24 14:07	1	
Xylenes, Total	ND		0.095	mg/Kg		11/27/24 10:23	12/02/24 14:07	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	106		48 - 145			11/27/24 10:23	12/02/24 14:07	1	

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		9.3	mg/Kg		12/02/24 11:55	12/02/24 15:18	1	
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		12/02/24 11:55	12/02/24 15:18	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	100		62 - 134			12/02/24 11:55	12/02/24 15:18	1	

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	310		60	mg/Kg		11/27/24 12:41	11/27/24 16:04	20	

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Client Sample ID: TB-W26A

Lab Sample ID: 885-15993-7

Date Collected: 11/25/24 10:10

Matrix: Solid

Date Received: 11/27/24 07:47

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		11/27/24 10:23	12/02/24 14:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		35 - 166			11/27/24 10:23	12/02/24 14:30	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/27/24 10:23	12/02/24 14:30	1
Ethylbenzene	ND		0.047	mg/Kg		11/27/24 10:23	12/02/24 14:30	1
Toluene	ND		0.047	mg/Kg		11/27/24 10:23	12/02/24 14:30	1
Xylenes, Total	ND		0.094	mg/Kg		11/27/24 10:23	12/02/24 14:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		48 - 145			11/27/24 10:23	12/02/24 14:30	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		12/02/24 11:55	12/02/24 15:31	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		12/02/24 11:55	12/02/24 15:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	101		62 - 134			12/02/24 11:55	12/02/24 15:31	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	250		60	mg/Kg		11/27/24 12:41	11/27/24 16:33	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Client Sample ID: TB-W28A

Lab Sample ID: 885-15993-8

Date Collected: 11/25/24 10:12

Matrix: Solid

Date Received: 11/27/24 07:47

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6	mg/Kg		11/27/24 10:23	12/02/24 14:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		35 - 166			11/27/24 10:23	12/02/24 14:54	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		11/27/24 10:23	12/02/24 14:54	1
Ethylbenzene	ND		0.046	mg/Kg		11/27/24 10:23	12/02/24 14:54	1
Toluene	ND		0.046	mg/Kg		11/27/24 10:23	12/02/24 14:54	1
Xylenes, Total	ND		0.093	mg/Kg		11/27/24 10:23	12/02/24 14:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		48 - 145			11/27/24 10:23	12/02/24 14:54	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	250		9.7	mg/Kg		12/02/24 11:55	12/02/24 15:43	1
Motor Oil Range Organics [C28-C40]	390		48	mg/Kg		12/02/24 11:55	12/02/24 15:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			12/02/24 11:55	12/02/24 15:43	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	460		60	mg/Kg		11/27/24 12:41	11/27/24 16:43	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Client Sample ID: TB-W29A

Lab Sample ID: 885-15993-9

Date Collected: 11/25/24 10:20

Matrix: Solid

Date Received: 11/27/24 07:47

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		11/27/24 10:23	12/02/24 15:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		35 - 166			11/27/24 10:23	12/02/24 15:18	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/27/24 10:23	12/02/24 15:18	1
Ethylbenzene	ND		0.047	mg/Kg		11/27/24 10:23	12/02/24 15:18	1
Toluene	ND		0.047	mg/Kg		11/27/24 10:23	12/02/24 15:18	1
Xylenes, Total	ND		0.094	mg/Kg		11/27/24 10:23	12/02/24 15:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		48 - 145			11/27/24 10:23	12/02/24 15:18	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2	mg/Kg		12/02/24 11:55	12/02/24 16:08	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		12/02/24 11:55	12/02/24 16:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			12/02/24 11:55	12/02/24 16:08	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	680		60	mg/Kg		11/27/24 12:41	11/27/24 16:53	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Client Sample ID: TB-W30A

Lab Sample ID: 885-15993-10

Date Collected: 11/25/24 10:24

Matrix: Solid

Date Received: 11/27/24 07:47

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6	mg/Kg		11/27/24 10:23	12/02/24 15:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		35 - 166			11/27/24 10:23	12/02/24 15:42	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		11/27/24 10:23	12/02/24 15:42	1
Ethylbenzene	ND		0.046	mg/Kg		11/27/24 10:23	12/02/24 15:42	1
Toluene	ND		0.046	mg/Kg		11/27/24 10:23	12/02/24 15:42	1
Xylenes, Total	ND		0.092	mg/Kg		11/27/24 10:23	12/02/24 15:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		48 - 145			11/27/24 10:23	12/02/24 15:42	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1	mg/Kg		12/02/24 11:55	12/02/24 16:21	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		12/02/24 11:55	12/02/24 16:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	98		62 - 134			12/02/24 11:55	12/02/24 16:21	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	440		60	mg/Kg		11/27/24 12:41	11/27/24 17:03	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Client Sample ID: TB-W32A

Lab Sample ID: 885-15993-11

Date Collected: 11/25/24 10:30

Matrix: Solid

Date Received: 11/27/24 07:47

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		11/27/24 10:23	12/02/24 16:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			11/27/24 10:23	12/02/24 16:30	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		11/27/24 10:23	12/02/24 16:30	1
Ethylbenzene	ND		0.049	mg/Kg		11/27/24 10:23	12/02/24 16:30	1
Toluene	ND		0.049	mg/Kg		11/27/24 10:23	12/02/24 16:30	1
Xylenes, Total	ND		0.098	mg/Kg		11/27/24 10:23	12/02/24 16:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		48 - 145			11/27/24 10:23	12/02/24 16:30	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3	mg/Kg		12/02/24 11:55	12/02/24 16:33	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		12/02/24 11:55	12/02/24 16:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	106		62 - 134			12/02/24 11:55	12/02/24 16:33	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	360		60	mg/Kg		11/27/24 12:41	11/27/24 17:13	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Client Sample ID: TB-W33A

Lab Sample ID: 885-15993-12

Date Collected: 11/25/24 11:10

Matrix: Solid

Date Received: 11/27/24 07:47

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		11/27/24 10:23	12/02/24 16:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		35 - 166			11/27/24 10:23	12/02/24 16:53	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		11/27/24 10:23	12/02/24 16:53	1
Ethylbenzene	ND		0.049	mg/Kg		11/27/24 10:23	12/02/24 16:53	1
Toluene	ND		0.049	mg/Kg		11/27/24 10:23	12/02/24 16:53	1
Xylenes, Total	ND		0.099	mg/Kg		11/27/24 10:23	12/02/24 16:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		48 - 145			11/27/24 10:23	12/02/24 16:53	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		12/02/24 11:55	12/02/24 17:19	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		12/02/24 11:55	12/02/24 17:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	102		62 - 134			12/02/24 11:55	12/02/24 17:19	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	260		60	mg/Kg		11/27/24 12:41	11/27/24 17:42	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Client Sample ID: TB-W34A

Lab Sample ID: 885-15993-13

Date Collected: 11/25/24 11:12

Matrix: Solid

Date Received: 11/27/24 07:47

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		11/27/24 10:23	12/02/24 17:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		35 - 166			11/27/24 10:23	12/02/24 17:17	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		11/27/24 10:23	12/02/24 17:17	1
Ethylbenzene	ND		0.047	mg/Kg		11/27/24 10:23	12/02/24 17:17	1
Toluene	ND		0.047	mg/Kg		11/27/24 10:23	12/02/24 17:17	1
Xylenes, Total	ND		0.093	mg/Kg		11/27/24 10:23	12/02/24 17:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		48 - 145			11/27/24 10:23	12/02/24 17:17	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	4100		95	mg/Kg		12/02/24 11:55	12/03/24 14:06	10
Motor Oil Range Organics [C28-C40]	7700		470	mg/Kg		12/02/24 11:55	12/03/24 14:06	10
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	0	S1- D	62 - 134			12/02/24 11:55	12/03/24 14:06	10

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	500		60	mg/Kg		11/27/24 12:41	11/27/24 17:52	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Client Sample ID: TB-W35A
Date Collected: 11/25/24 11:14
Date Received: 11/27/24 07:47

Lab Sample ID: 885-15993-14
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		11/27/24 10:23	12/02/24 17:41	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	99		35 - 166			11/27/24 10:23	12/02/24 17:41	1	

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.024	mg/Kg		11/27/24 10:23	12/02/24 17:41	1	
Ethylbenzene	ND		0.048	mg/Kg		11/27/24 10:23	12/02/24 17:41	1	
Toluene	ND		0.048	mg/Kg		11/27/24 10:23	12/02/24 17:41	1	
Xylenes, Total	ND		0.095	mg/Kg		11/27/24 10:23	12/02/24 17:41	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	106		48 - 145			11/27/24 10:23	12/02/24 17:41	1	

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		12/02/24 11:55	12/03/24 11:50	1	
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		12/02/24 11:55	12/03/24 11:50	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	89		62 - 134			12/02/24 11:55	12/03/24 11:50	1	

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	260		60	mg/Kg		11/27/24 12:41	11/27/24 18:02	20	

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Client Sample ID: TB-IW3A

Lab Sample ID: 885-15993-15

Date Collected: 11/25/24 11:16

Matrix: Solid

Date Received: 11/27/24 07:47

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		11/27/24 10:23	12/02/24 18:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		35 - 166			11/27/24 10:23	12/02/24 18:04	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		11/27/24 10:23	12/02/24 18:04	1
Ethylbenzene	ND		0.047	mg/Kg		11/27/24 10:23	12/02/24 18:04	1
Toluene	ND		0.047	mg/Kg		11/27/24 10:23	12/02/24 18:04	1
Xylenes, Total	ND		0.093	mg/Kg		11/27/24 10:23	12/02/24 18:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		48 - 145			11/27/24 10:23	12/02/24 18:04	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		12/02/24 11:55	12/02/24 18:20	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		12/02/24 11:55	12/02/24 18:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	103		62 - 134			12/02/24 11:55	12/02/24 18:20	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	310		60	mg/Kg		11/27/24 12:41	11/27/24 18:31	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc

Job ID: 885-15993-1

Project/Site: Roy SWD #3

Client Sample ID: TB-IW4A

Lab Sample ID: 885-15993-16

Date Collected: 11/25/24 11:18

Matrix: Solid

Date Received: 11/27/24 07:47

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		11/27/24 10:23	12/02/24 18:28	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	97		35 - 166			11/27/24 10:23	12/02/24 18:28	1	

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.024	mg/Kg		11/27/24 10:23	12/02/24 18:28	1	
Ethylbenzene	ND		0.047	mg/Kg		11/27/24 10:23	12/02/24 18:28	1	
Toluene	ND		0.047	mg/Kg		11/27/24 10:23	12/02/24 18:28	1	
Xylenes, Total	ND		0.095	mg/Kg		11/27/24 10:23	12/02/24 18:28	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	104		48 - 145			11/27/24 10:23	12/02/24 18:28	1	

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		12/02/24 11:55	12/02/24 18:32	1	
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		12/02/24 11:55	12/02/24 18:32	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	105		62 - 134			12/02/24 11:55	12/02/24 18:32	1	

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	300		60	mg/Kg		11/27/24 12:41	11/27/24 18:41	20	

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Client Sample ID: TB-IW6A

Lab Sample ID: 885-15993-17

Date Collected: 11/25/24 11:24

Matrix: Solid

Date Received: 11/27/24 07:47

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		11/27/24 10:23	12/02/24 18:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			11/27/24 10:23	12/02/24 18:52	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/27/24 10:23	12/02/24 18:52	1
Ethylbenzene	ND		0.048	mg/Kg		11/27/24 10:23	12/02/24 18:52	1
Toluene	ND		0.048	mg/Kg		11/27/24 10:23	12/02/24 18:52	1
Xylenes, Total	ND		0.096	mg/Kg		11/27/24 10:23	12/02/24 18:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		48 - 145			11/27/24 10:23	12/02/24 18:52	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		12/02/24 11:55	12/02/24 18:56	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		12/02/24 11:55	12/02/24 18:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	107		62 - 134			12/02/24 11:55	12/02/24 18:56	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300		60	mg/Kg		11/27/24 12:41	11/27/24 18:51	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Client Sample ID: TB-IW8A

Lab Sample ID: 885-15993-18

Date Collected: 11/25/24 11:30

Matrix: Solid

Date Received: 11/27/24 07:47

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		11/27/24 10:23	12/02/24 19:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		35 - 166			11/27/24 10:23	12/02/24 19:15	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/27/24 10:23	12/02/24 19:15	1
Ethylbenzene	ND		0.047	mg/Kg		11/27/24 10:23	12/02/24 19:15	1
Toluene	ND		0.047	mg/Kg		11/27/24 10:23	12/02/24 19:15	1
Xylenes, Total	ND		0.094	mg/Kg		11/27/24 10:23	12/02/24 19:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		48 - 145			11/27/24 10:23	12/02/24 19:15	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		12/02/24 11:55	12/02/24 19:08	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		12/02/24 11:55	12/02/24 19:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	105		62 - 134			12/02/24 11:55	12/02/24 19:08	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1400		60	mg/Kg		11/27/24 12:41	11/27/24 19:01	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Client Sample ID: TB-IW9A
Date Collected: 11/25/24 11:32
Date Received: 11/27/24 07:47

Lab Sample ID: 885-15993-19
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		11/27/24 10:23	12/02/24 19:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		35 - 166			11/27/24 10:23	12/02/24 19:39	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/27/24 10:23	12/02/24 19:39	1
Ethylbenzene	ND		0.047	mg/Kg		11/27/24 10:23	12/02/24 19:39	1
Toluene	ND		0.047	mg/Kg		11/27/24 10:23	12/02/24 19:39	1
Xylenes, Total	ND		0.094	mg/Kg		11/27/24 10:23	12/02/24 19:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		48 - 145			11/27/24 10:23	12/02/24 19:39	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2	mg/Kg		12/02/24 11:55	12/02/24 19:20	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		12/02/24 11:55	12/02/24 19:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	100		62 - 134			12/02/24 11:55	12/02/24 19:20	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	500		59	mg/Kg		11/27/24 12:41	11/27/24 19:11	20

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Client Sample ID: TB-IW10A

Lab Sample ID: 885-15993-20

Date Collected: 11/25/24 11:40

Matrix: Solid

Date Received: 11/27/24 07:47

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		11/27/24 10:23	12/02/24 20:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			11/27/24 10:23	12/02/24 20:02	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/27/24 10:23	12/02/24 20:02	1
Ethylbenzene	ND		0.049	mg/Kg		11/27/24 10:23	12/02/24 20:02	1
Toluene	ND		0.049	mg/Kg		11/27/24 10:23	12/02/24 20:02	1
Xylenes, Total	ND		0.098	mg/Kg		11/27/24 10:23	12/02/24 20:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		48 - 145			11/27/24 10:23	12/02/24 20:02	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2	mg/Kg		12/02/24 11:55	12/02/24 19:32	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		12/02/24 11:55	12/02/24 19:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	89		62 - 134			12/02/24 11:55	12/02/24 19:32	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	170		60	mg/Kg		11/27/24 12:41	11/27/24 19:21	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Client Sample ID: TB-IW12A

Lab Sample ID: 885-15993-21

Date Collected: 11/25/24 11:42

Matrix: Solid

Date Received: 11/27/24 07:47

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		11/27/24 11:37	12/02/24 22:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		35 - 166			11/27/24 11:37	12/02/24 22:46	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		11/27/24 11:37	12/02/24 22:46	1
Ethylbenzene	ND		0.049	mg/Kg		11/27/24 11:37	12/02/24 22:46	1
Toluene	ND		0.049	mg/Kg		11/27/24 11:37	12/02/24 22:46	1
Xylenes, Total	ND		0.099	mg/Kg		11/27/24 11:37	12/02/24 22:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		48 - 145			11/27/24 11:37	12/02/24 22:46	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		12/02/24 11:08	12/02/24 13:28	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		12/02/24 11:08	12/02/24 13:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			12/02/24 11:08	12/02/24 13:28	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	280		60	mg/Kg		11/27/24 14:36	12/02/24 10:12	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Client Sample ID: TB-IW14A

Lab Sample ID: 885-15993-22

Date Collected: 11/25/24 11:46

Matrix: Solid

Date Received: 11/27/24 07:47

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		11/27/24 11:37	12/02/24 23:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		35 - 166			11/27/24 11:37	12/02/24 23:10	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/27/24 11:37	12/02/24 23:10	1
Ethylbenzene	ND		0.049	mg/Kg		11/27/24 11:37	12/02/24 23:10	1
Toluene	ND		0.049	mg/Kg		11/27/24 11:37	12/02/24 23:10	1
Xylenes, Total	ND		0.098	mg/Kg		11/27/24 11:37	12/02/24 23:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		48 - 145			11/27/24 11:37	12/02/24 23:10	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		12/02/24 11:08	12/02/24 13:38	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		12/02/24 11:08	12/02/24 13:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134			12/02/24 11:08	12/02/24 13:38	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	300		60	mg/Kg		11/27/24 14:36	12/02/24 10:43	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Client Sample ID: TB-IW15A

Lab Sample ID: 885-15993-23

Date Collected: 11/25/24 11:50

Matrix: Solid

Date Received: 11/27/24 07:47

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		11/27/24 11:37	12/03/24 00:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		35 - 166			11/27/24 11:37	12/03/24 00:20	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/27/24 11:37	12/03/24 00:20	1
Ethylbenzene	ND		0.047	mg/Kg		11/27/24 11:37	12/03/24 00:20	1
Toluene	ND		0.047	mg/Kg		11/27/24 11:37	12/03/24 00:20	1
Xylenes, Total	ND		0.094	mg/Kg		11/27/24 11:37	12/03/24 00:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		48 - 145			11/27/24 11:37	12/03/24 00:20	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7	mg/Kg		12/02/24 11:08	12/02/24 13:49	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		12/02/24 11:08	12/02/24 13:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	95		62 - 134			12/02/24 11:08	12/02/24 13:49	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	640		60	mg/Kg		11/27/24 14:36	12/02/24 10:53	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Client Sample ID: TB-IW17A

Lab Sample ID: 885-15993-24

Date Collected: 11/25/24 11:54

Matrix: Solid

Date Received: 11/27/24 07:47

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.8	mg/Kg		11/27/24 11:37	12/03/24 01:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		35 - 166			11/27/24 11:37	12/03/24 01:29	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		11/27/24 11:37	12/03/24 01:29	1
Ethylbenzene	ND		0.048	mg/Kg		11/27/24 11:37	12/03/24 01:29	1
Toluene	ND		0.048	mg/Kg		11/27/24 11:37	12/03/24 01:29	1
Xylenes, Total	ND		0.096	mg/Kg		11/27/24 11:37	12/03/24 01:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		48 - 145			11/27/24 11:37	12/03/24 01:29	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		12/02/24 11:08	12/02/24 13:59	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		12/02/24 11:08	12/02/24 13:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134			12/02/24 11:08	12/02/24 13:59	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2000		60	mg/Kg		11/27/24 14:36	12/02/24 11:03	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Client Sample ID: TB-IW18

Lab Sample ID: 885-15993-25

Date Collected: 11/25/24 11:58

Matrix: Solid

Date Received: 11/27/24 07:47

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.6	mg/Kg		11/27/24 11:37	12/03/24 01:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		35 - 166			11/27/24 11:37	12/03/24 01:53	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		11/27/24 11:37	12/03/24 01:53	1
Ethylbenzene	ND		0.046	mg/Kg		11/27/24 11:37	12/03/24 01:53	1
Toluene	ND		0.046	mg/Kg		11/27/24 11:37	12/03/24 01:53	1
Xylenes, Total	ND		0.092	mg/Kg		11/27/24 11:37	12/03/24 01:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		48 - 145			11/27/24 11:37	12/03/24 01:53	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4	mg/Kg		12/02/24 11:08	12/02/24 14:10	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		12/02/24 11:08	12/02/24 14:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			12/02/24 11:08	12/02/24 14:10	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	240		60	mg/Kg		11/27/24 14:36	12/02/24 11:34	20

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-16748/1-A

Matrix: Solid

Analysis Batch: 16796

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16748

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		11/27/24 10:23	12/02/24 10:11	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		35 - 166			11/27/24 10:23	12/02/24 10:11	1

Lab Sample ID: LCS 885-16748/2-A

Matrix: Solid

Analysis Batch: 16796

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16748

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	25.0	22.2		mg/Kg		89	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	182		35 - 166				

Lab Sample ID: 885-15993-1 MS

Matrix: Solid

Analysis Batch: 16796

Client Sample ID: TB-W18A

Prep Type: Total/NA

Prep Batch: 16748

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	ND		24.2	21.7		mg/Kg		90	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	188		35 - 166						

Lab Sample ID: 885-15993-1 MSD

Matrix: Solid

Analysis Batch: 16796

Client Sample ID: TB-W18A

Prep Type: Total/NA

Prep Batch: 16748

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	ND		24.2	20.2		mg/Kg		84	70 - 130	7	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	186		35 - 166								

Lab Sample ID: MB 885-16756/1-A

Matrix: Solid

Analysis Batch: 16861

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16756

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		11/27/24 11:37	12/02/24 22:23	1

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: MB 885-16756/1-A

Matrix: Solid

Analysis Batch: 16861

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16756

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac		
4-Bromofluorobenzene (Surr)	93		35 - 166		11/27/24 11:37	12/02/24 22:23	1		

Lab Sample ID: LCS 885-16756/2-A

Matrix: Solid

Analysis Batch: 16861

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16756

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			25.0	21.7		mg/Kg		87	70 - 130		
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	187		35 - 166								

Lab Sample ID: 885-15993-22 MS

Matrix: Solid

Analysis Batch: 16861

Client Sample ID: TB-IW14A

Prep Type: Total/NA

Prep Batch: 16756

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	ND		24.4	19.4		mg/Kg		80	70 - 130		
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	181		35 - 166								

Lab Sample ID: 885-15993-22 MSD

Matrix: Solid

Analysis Batch: 16861

Client Sample ID: TB-IW14A

Prep Type: Total/NA

Prep Batch: 16756

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	ND		24.5	18.7		mg/Kg		76	70 - 130	4	20	
Surrogate	%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	179		35 - 166									

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-16748/1-A

Matrix: Solid

Analysis Batch: 16797

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16748

	MB	MB								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac		
Benzene	ND		0.025	mg/Kg		11/27/24 10:23	12/02/24 10:11	1		
Ethylbenzene	ND		0.050	mg/Kg		11/27/24 10:23	12/02/24 10:11	1		
Toluene	ND		0.050	mg/Kg		11/27/24 10:23	12/02/24 10:11	1		
Xylenes, Total	ND		0.10	mg/Kg		11/27/24 10:23	12/02/24 10:11	1		

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

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

Lab Sample ID: MB 885-16748/1-A

Matrix: Solid

Analysis Batch: 16797

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16748

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
4-Bromofluorobenzene (Surr)	101		48 - 145	11/27/24 10:23	12/02/24 10:11	1			

Lab Sample ID: LCS 885-16748/3-A

Matrix: Solid

Analysis Batch: 16797

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16748

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene			1.00	1.16		mg/Kg		116	70 - 130		
Ethylbenzene			1.00	1.16		mg/Kg		116	70 - 130		
Toluene			1.00	1.20		mg/Kg		120	70 - 130		
m-Xylene & p-Xylene			2.00	2.29		mg/Kg		114	70 - 130		
o-Xylene			1.00	1.11		mg/Kg		111	70 - 130		

	LCS	LCS		
Surrogate	%Recovery	Qualifier	Limits	
4-Bromofluorobenzene (Surr)	102		48 - 145	

Lab Sample ID: 885-15993-2 MS

Matrix: Solid

Analysis Batch: 16797

Client Sample ID: TB-W19A

Prep Type: Total/NA

Prep Batch: 16748

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	ND		0.952	0.999		mg/Kg		105	70 - 130		
Ethylbenzene	ND		0.952	1.02		mg/Kg		107	70 - 130		
Toluene	ND		0.952	1.04		mg/Kg		109	70 - 130		
m-Xylene & p-Xylene	ND		1.90	2.01		mg/Kg		105	70 - 130		
o-Xylene	ND		0.952	0.994		mg/Kg		104	70 - 130		

	MS	MS		
Surrogate	%Recovery	Qualifier	Limits	
4-Bromofluorobenzene (Surr)	106		48 - 145	

Lab Sample ID: 885-15993-2 MSD

Matrix: Solid

Analysis Batch: 16797

Client Sample ID: TB-W19A

Prep Type: Total/NA

Prep Batch: 16748

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	ND		0.949	1.04		mg/Kg		109	70 - 130	4	20	
Ethylbenzene	ND		0.949	1.07		mg/Kg		113	70 - 130	5	20	
Toluene	ND		0.949	1.07		mg/Kg		113	70 - 130	3	20	
m-Xylene & p-Xylene	ND		1.90	2.10		mg/Kg		111	70 - 130	4	20	
o-Xylene	ND		0.949	1.04		mg/Kg		109	70 - 130	4	20	

	MSD	MSD		
Surrogate	%Recovery	Qualifier	Limits	
4-Bromofluorobenzene (Surr)	108		48 - 145	

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

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

Lab Sample ID: MB 885-16756/1-A

Matrix: Solid

Analysis Batch: 16860

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16756

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		11/27/24 11:37	12/02/24 22:23	1
Ethylbenzene	ND		0.050	mg/Kg		11/27/24 11:37	12/02/24 22:23	1
Toluene	ND		0.050	mg/Kg		11/27/24 11:37	12/02/24 22:23	1
Xylenes, Total	ND		0.10	mg/Kg		11/27/24 11:37	12/02/24 22:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		48 - 145	11/27/24 11:37	12/02/24 22:23	1

Lab Sample ID: LCS 885-16756/3-A

Matrix: Solid

Analysis Batch: 16860

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16756

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	1.15		mg/Kg		115	70 - 130
Ethylbenzene	1.00	1.17		mg/Kg		117	70 - 130
Toluene	1.00	1.17		mg/Kg		117	70 - 130
m-Xylene & p-Xylene	2.00	2.28		mg/Kg		114	70 - 130
o-Xylene	1.00	1.13		mg/Kg		113	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		48 - 145

Lab Sample ID: 885-15993-23 MS

Matrix: Solid

Analysis Batch: 16860

Client Sample ID: TB-IW15A

Prep Type: Total/NA

Prep Batch: 16756

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.935	0.921		mg/Kg		98	70 - 130
Ethylbenzene	ND		0.935	0.972		mg/Kg		104	70 - 130
Toluene	ND		0.935	0.972		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	ND		1.87	1.92		mg/Kg		102	70 - 130
o-Xylene	ND		0.935	0.941		mg/Kg		101	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		48 - 145

Lab Sample ID: 885-15993-23 MSD

Matrix: Solid

Analysis Batch: 16860

Client Sample ID: TB-IW15A

Prep Type: Total/NA

Prep Batch: 16756

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	ND		0.929	0.933		mg/Kg		100	70 - 130	1	20
Ethylbenzene	ND		0.929	0.964		mg/Kg		104	70 - 130	1	20
Toluene	ND		0.929	0.977		mg/Kg		105	70 - 130	0	20
m-Xylene & p-Xylene	ND		1.86	1.91		mg/Kg		102	70 - 130	1	20
o-Xylene	ND		0.929	0.933		mg/Kg		100	70 - 130	1	20

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

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

Lab Sample ID: 885-15993-23 MSD
Matrix: Solid
Analysis Batch: 16860

Client Sample ID: TB-IW15A
Prep Type: Total/NA
Prep Batch: 16756

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		48 - 145

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-16827/1-A
Matrix: Solid
Analysis Batch: 16831

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 16827

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		12/02/24 11:08	12/02/24 12:56	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		12/02/24 11:08	12/02/24 12:56	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	93		62 - 134			12/02/24 11:08	12/02/24 12:56	1

Lab Sample ID: LCS 885-16827/2-A
Matrix: Solid
Analysis Batch: 16831

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 16827

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	36.3		mg/Kg		73	60 - 135
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	89		62 - 134				

Lab Sample ID: MB 885-16837/1-A
Matrix: Solid
Analysis Batch: 16826

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 16837

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		12/02/24 11:55	12/02/24 13:52	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		12/02/24 11:55	12/02/24 13:52	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	105		62 - 134			12/02/24 11:55	12/02/24 13:52	1

Lab Sample ID: LCS 885-16837/2-A
Matrix: Solid
Analysis Batch: 16826

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 16837

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	46.5		mg/Kg		93	60 - 135
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	104		62 - 134				

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 885-15993-14 MS

Matrix: Solid

Analysis Batch: 16826

Client Sample ID: TB-W35A

Prep Type: Total/NA

Prep Batch: 16837

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier			Limits			
Diesel Range Organics [C10-C28]	ND		47.2	44.5		mg/Kg		94	44 - 136		
Surrogate	MS	MS									
	%Recovery	Qualifier	Limits								
Di-n-octyl phthalate (Surr)	106		62 - 134								

Lab Sample ID: 885-15993-14 MSD

Matrix: Solid

Analysis Batch: 16826

Client Sample ID: TB-W35A

Prep Type: Total/NA

Prep Batch: 16837

	Sample	Sample	Spike	MSD	MSD			%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Diesel Range Organics [C10-C28]	ND		46.7	48.4		mg/Kg		104	44 - 136	9	32
Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits								
Di-n-octyl phthalate (Surr)	113		62 - 134								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-16763/1-A

Matrix: Solid

Analysis Batch: 16771

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16763

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0	mg/Kg		11/27/24 12:41	11/27/24 14:35	1

Lab Sample ID: LCS 885-16763/2-A

Matrix: Solid

Analysis Batch: 16771

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16763

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	30.0	28.5		mg/Kg		95	90 - 110

Lab Sample ID: MB 885-16775/1-A

Matrix: Solid

Analysis Batch: 16799

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16775

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0	mg/Kg		11/27/24 14:36	12/02/24 08:59	1

Lab Sample ID: LCS 885-16775/2-A

Matrix: Solid

Analysis Batch: 16799

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16775

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	30.0	28.7		mg/Kg		96	90 - 110

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

GC VOA

Prep Batch: 16748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15993-1	TB-W18A	Total/NA	Solid	5030C	
885-15993-2	TB-W19A	Total/NA	Solid	5030C	
885-15993-3	TB-W20A	Total/NA	Solid	5030C	
885-15993-4	TB-W21A	Total/NA	Solid	5030C	
885-15993-5	TB-W22A	Total/NA	Solid	5030C	
885-15993-6	TB-W24A	Total/NA	Solid	5030C	
885-15993-7	TB-W26A	Total/NA	Solid	5030C	
885-15993-8	TB-W28A	Total/NA	Solid	5030C	
885-15993-9	TB-W29A	Total/NA	Solid	5030C	
885-15993-10	TB-W30A	Total/NA	Solid	5030C	
885-15993-11	TB-W32A	Total/NA	Solid	5030C	
885-15993-12	TB-W33A	Total/NA	Solid	5030C	
885-15993-13	TB-W34A	Total/NA	Solid	5030C	
885-15993-14	TB-W35A	Total/NA	Solid	5030C	
885-15993-15	TB-IW3A	Total/NA	Solid	5030C	
885-15993-16	TB-IW4A	Total/NA	Solid	5030C	
885-15993-17	TB-IW6A	Total/NA	Solid	5030C	
885-15993-18	TB-IW8A	Total/NA	Solid	5030C	
885-15993-19	TB-IW9A	Total/NA	Solid	5030C	
885-15993-20	TB-IW10A	Total/NA	Solid	5030C	
MB 885-16748/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-16748/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-16748/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-15993-1 MS	TB-W18A	Total/NA	Solid	5030C	
885-15993-1 MSD	TB-W18A	Total/NA	Solid	5030C	
885-15993-2 MS	TB-W19A	Total/NA	Solid	5030C	
885-15993-2 MSD	TB-W19A	Total/NA	Solid	5030C	

Prep Batch: 16756

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15993-21	TB-IW12A	Total/NA	Solid	5030C	
885-15993-22	TB-IW14A	Total/NA	Solid	5030C	
885-15993-23	TB-IW15A	Total/NA	Solid	5030C	
885-15993-24	TB-IW17A	Total/NA	Solid	5030C	
885-15993-25	TB-IW18	Total/NA	Solid	5030C	
MB 885-16756/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-16756/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-16756/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-15993-22 MS	TB-IW14A	Total/NA	Solid	5030C	
885-15993-22 MSD	TB-IW14A	Total/NA	Solid	5030C	
885-15993-23 MS	TB-IW15A	Total/NA	Solid	5030C	
885-15993-23 MSD	TB-IW15A	Total/NA	Solid	5030C	

Analysis Batch: 16796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15993-1	TB-W18A	Total/NA	Solid	8015M/D	16748
885-15993-2	TB-W19A	Total/NA	Solid	8015M/D	16748
885-15993-3	TB-W20A	Total/NA	Solid	8015M/D	16748
885-15993-4	TB-W21A	Total/NA	Solid	8015M/D	16748
885-15993-5	TB-W22A	Total/NA	Solid	8015M/D	16748
885-15993-6	TB-W24A	Total/NA	Solid	8015M/D	16748

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

GC VOA (Continued)

Analysis Batch: 16796 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15993-7	TB-W26A	Total/NA	Solid	8015M/D	16748
885-15993-8	TB-W28A	Total/NA	Solid	8015M/D	16748
885-15993-9	TB-W29A	Total/NA	Solid	8015M/D	16748
885-15993-10	TB-W30A	Total/NA	Solid	8015M/D	16748
885-15993-11	TB-W32A	Total/NA	Solid	8015M/D	16748
885-15993-12	TB-W33A	Total/NA	Solid	8015M/D	16748
885-15993-13	TB-W34A	Total/NA	Solid	8015M/D	16748
885-15993-14	TB-W35A	Total/NA	Solid	8015M/D	16748
885-15993-15	TB-IW3A	Total/NA	Solid	8015M/D	16748
885-15993-16	TB-IW4A	Total/NA	Solid	8015M/D	16748
885-15993-17	TB-IW6A	Total/NA	Solid	8015M/D	16748
885-15993-18	TB-IW8A	Total/NA	Solid	8015M/D	16748
885-15993-19	TB-IW9A	Total/NA	Solid	8015M/D	16748
885-15993-20	TB-IW10A	Total/NA	Solid	8015M/D	16748
MB 885-16748/1-A	Method Blank	Total/NA	Solid	8015M/D	16748
LCS 885-16748/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	16748
885-15993-1 MS	TB-W18A	Total/NA	Solid	8015M/D	16748
885-15993-1 MSD	TB-W18A	Total/NA	Solid	8015M/D	16748

Analysis Batch: 16797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15993-1	TB-W18A	Total/NA	Solid	8021B	16748
885-15993-2	TB-W19A	Total/NA	Solid	8021B	16748
885-15993-3	TB-W20A	Total/NA	Solid	8021B	16748
885-15993-4	TB-W21A	Total/NA	Solid	8021B	16748
885-15993-5	TB-W22A	Total/NA	Solid	8021B	16748
885-15993-6	TB-W24A	Total/NA	Solid	8021B	16748
885-15993-7	TB-W26A	Total/NA	Solid	8021B	16748
885-15993-8	TB-W28A	Total/NA	Solid	8021B	16748
885-15993-9	TB-W29A	Total/NA	Solid	8021B	16748
885-15993-10	TB-W30A	Total/NA	Solid	8021B	16748
885-15993-11	TB-W32A	Total/NA	Solid	8021B	16748
885-15993-12	TB-W33A	Total/NA	Solid	8021B	16748
885-15993-13	TB-W34A	Total/NA	Solid	8021B	16748
885-15993-14	TB-W35A	Total/NA	Solid	8021B	16748
885-15993-15	TB-IW3A	Total/NA	Solid	8021B	16748
885-15993-16	TB-IW4A	Total/NA	Solid	8021B	16748
885-15993-17	TB-IW6A	Total/NA	Solid	8021B	16748
885-15993-18	TB-IW8A	Total/NA	Solid	8021B	16748
885-15993-19	TB-IW9A	Total/NA	Solid	8021B	16748
885-15993-20	TB-IW10A	Total/NA	Solid	8021B	16748
MB 885-16748/1-A	Method Blank	Total/NA	Solid	8021B	16748
LCS 885-16748/3-A	Lab Control Sample	Total/NA	Solid	8021B	16748
885-15993-2 MS	TB-W19A	Total/NA	Solid	8021B	16748
885-15993-2 MSD	TB-W19A	Total/NA	Solid	8021B	16748

Analysis Batch: 16860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15993-21	TB-IW12A	Total/NA	Solid	8021B	16756
885-15993-22	TB-IW14A	Total/NA	Solid	8021B	16756
885-15993-23	TB-IW15A	Total/NA	Solid	8021B	16756

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

GC VOA (Continued)

Analysis Batch: 16860 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15993-24	TB-IW17A	Total/NA	Solid	8021B	16756
885-15993-25	TB-IW18	Total/NA	Solid	8021B	16756
MB 885-16756/1-A	Method Blank	Total/NA	Solid	8021B	16756
LCS 885-16756/3-A	Lab Control Sample	Total/NA	Solid	8021B	16756
885-15993-23 MS	TB-IW15A	Total/NA	Solid	8021B	16756
885-15993-23 MSD	TB-IW15A	Total/NA	Solid	8021B	16756

Analysis Batch: 16861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15993-21	TB-IW12A	Total/NA	Solid	8015M/D	16756
885-15993-22	TB-IW14A	Total/NA	Solid	8015M/D	16756
885-15993-23	TB-IW15A	Total/NA	Solid	8015M/D	16756
885-15993-24	TB-IW17A	Total/NA	Solid	8015M/D	16756
885-15993-25	TB-IW18	Total/NA	Solid	8015M/D	16756
MB 885-16756/1-A	Method Blank	Total/NA	Solid	8015M/D	16756
LCS 885-16756/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	16756
885-15993-22 MS	TB-IW14A	Total/NA	Solid	8015M/D	16756
885-15993-22 MSD	TB-IW14A	Total/NA	Solid	8015M/D	16756

GC Semi VOA

Analysis Batch: 16826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15993-1	TB-W18A	Total/NA	Solid	8015M/D	16837
885-15993-2	TB-W19A	Total/NA	Solid	8015M/D	16837
885-15993-3	TB-W20A	Total/NA	Solid	8015M/D	16837
885-15993-4	TB-W21A	Total/NA	Solid	8015M/D	16837
885-15993-5	TB-W22A	Total/NA	Solid	8015M/D	16837
885-15993-6	TB-W24A	Total/NA	Solid	8015M/D	16837
885-15993-7	TB-W26A	Total/NA	Solid	8015M/D	16837
885-15993-8	TB-W28A	Total/NA	Solid	8015M/D	16837
885-15993-9	TB-W29A	Total/NA	Solid	8015M/D	16837
885-15993-10	TB-W30A	Total/NA	Solid	8015M/D	16837
885-15993-11	TB-W32A	Total/NA	Solid	8015M/D	16837
885-15993-12	TB-W33A	Total/NA	Solid	8015M/D	16837
885-15993-14	TB-W35A	Total/NA	Solid	8015M/D	16837
885-15993-15	TB-IW3A	Total/NA	Solid	8015M/D	16837
885-15993-16	TB-IW4A	Total/NA	Solid	8015M/D	16837
885-15993-17	TB-IW6A	Total/NA	Solid	8015M/D	16837
885-15993-18	TB-IW8A	Total/NA	Solid	8015M/D	16837
885-15993-19	TB-IW9A	Total/NA	Solid	8015M/D	16837
885-15993-20	TB-IW10A	Total/NA	Solid	8015M/D	16837
MB 885-16837/1-A	Method Blank	Total/NA	Solid	8015M/D	16837
LCS 885-16837/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	16837
885-15993-14 MS	TB-W35A	Total/NA	Solid	8015M/D	16837
885-15993-14 MSD	TB-W35A	Total/NA	Solid	8015M/D	16837

Prep Batch: 16827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15993-21	TB-IW12A	Total/NA	Solid	SHAKE	
885-15993-22	TB-IW14A	Total/NA	Solid	SHAKE	

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

GC Semi VOA (Continued)

Prep Batch: 16827 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15993-23	TB-IW15A	Total/NA	Solid	SHAKE	
885-15993-24	TB-IW17A	Total/NA	Solid	SHAKE	
885-15993-25	TB-IW18	Total/NA	Solid	SHAKE	
MB 885-16827/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-16827/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 16831

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15993-21	TB-IW12A	Total/NA	Solid	8015M/D	16827
885-15993-22	TB-IW14A	Total/NA	Solid	8015M/D	16827
885-15993-23	TB-IW15A	Total/NA	Solid	8015M/D	16827
885-15993-24	TB-IW17A	Total/NA	Solid	8015M/D	16827
885-15993-25	TB-IW18	Total/NA	Solid	8015M/D	16827
MB 885-16827/1-A	Method Blank	Total/NA	Solid	8015M/D	16827
LCS 885-16827/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	16827

Prep Batch: 16837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15993-1	TB-W18A	Total/NA	Solid	SHAKE	
885-15993-2	TB-W19A	Total/NA	Solid	SHAKE	
885-15993-3	TB-W20A	Total/NA	Solid	SHAKE	
885-15993-4	TB-W21A	Total/NA	Solid	SHAKE	
885-15993-5	TB-W22A	Total/NA	Solid	SHAKE	
885-15993-6	TB-W24A	Total/NA	Solid	SHAKE	
885-15993-7	TB-W26A	Total/NA	Solid	SHAKE	
885-15993-8	TB-W28A	Total/NA	Solid	SHAKE	
885-15993-9	TB-W29A	Total/NA	Solid	SHAKE	
885-15993-10	TB-W30A	Total/NA	Solid	SHAKE	
885-15993-11	TB-W32A	Total/NA	Solid	SHAKE	
885-15993-12	TB-W33A	Total/NA	Solid	SHAKE	
885-15993-13	TB-W34A	Total/NA	Solid	SHAKE	
885-15993-14	TB-W35A	Total/NA	Solid	SHAKE	
885-15993-15	TB-IW3A	Total/NA	Solid	SHAKE	
885-15993-16	TB-IW4A	Total/NA	Solid	SHAKE	
885-15993-17	TB-IW6A	Total/NA	Solid	SHAKE	
885-15993-18	TB-IW8A	Total/NA	Solid	SHAKE	
885-15993-19	TB-IW9A	Total/NA	Solid	SHAKE	
885-15993-20	TB-IW10A	Total/NA	Solid	SHAKE	
MB 885-16837/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-16837/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-15993-14 MS	TB-W35A	Total/NA	Solid	SHAKE	
885-15993-14 MSD	TB-W35A	Total/NA	Solid	SHAKE	

Analysis Batch: 16930

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15993-13	TB-W34A	Total/NA	Solid	8015M/D	16837

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

HPLC/IC

Prep Batch: 16763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15993-1	TB-W18A	Total/NA	Solid	300_Prep	
885-15993-2	TB-W19A	Total/NA	Solid	300_Prep	
885-15993-3	TB-W20A	Total/NA	Solid	300_Prep	
885-15993-4	TB-W21A	Total/NA	Solid	300_Prep	
885-15993-5	TB-W22A	Total/NA	Solid	300_Prep	
885-15993-6	TB-W24A	Total/NA	Solid	300_Prep	
885-15993-7	TB-W26A	Total/NA	Solid	300_Prep	
885-15993-8	TB-W28A	Total/NA	Solid	300_Prep	
885-15993-9	TB-W29A	Total/NA	Solid	300_Prep	
885-15993-10	TB-W30A	Total/NA	Solid	300_Prep	
885-15993-11	TB-W32A	Total/NA	Solid	300_Prep	
885-15993-12	TB-W33A	Total/NA	Solid	300_Prep	
885-15993-13	TB-W34A	Total/NA	Solid	300_Prep	
885-15993-14	TB-W35A	Total/NA	Solid	300_Prep	
885-15993-15	TB-IW3A	Total/NA	Solid	300_Prep	
885-15993-16	TB-IW4A	Total/NA	Solid	300_Prep	
885-15993-17	TB-IW6A	Total/NA	Solid	300_Prep	
885-15993-18	TB-IW8A	Total/NA	Solid	300_Prep	
885-15993-19	TB-IW9A	Total/NA	Solid	300_Prep	
885-15993-20	TB-IW10A	Total/NA	Solid	300_Prep	
MB 885-16763/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-16763/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 16771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15993-1	TB-W18A	Total/NA	Solid	300.0	16763
885-15993-2	TB-W19A	Total/NA	Solid	300.0	16763
885-15993-3	TB-W20A	Total/NA	Solid	300.0	16763
885-15993-4	TB-W21A	Total/NA	Solid	300.0	16763
885-15993-5	TB-W22A	Total/NA	Solid	300.0	16763
885-15993-6	TB-W24A	Total/NA	Solid	300.0	16763
885-15993-7	TB-W26A	Total/NA	Solid	300.0	16763
885-15993-8	TB-W28A	Total/NA	Solid	300.0	16763
885-15993-9	TB-W29A	Total/NA	Solid	300.0	16763
885-15993-10	TB-W30A	Total/NA	Solid	300.0	16763
885-15993-11	TB-W32A	Total/NA	Solid	300.0	16763
885-15993-12	TB-W33A	Total/NA	Solid	300.0	16763
885-15993-13	TB-W34A	Total/NA	Solid	300.0	16763
885-15993-14	TB-W35A	Total/NA	Solid	300.0	16763
885-15993-15	TB-IW3A	Total/NA	Solid	300.0	16763
885-15993-16	TB-IW4A	Total/NA	Solid	300.0	16763
885-15993-17	TB-IW6A	Total/NA	Solid	300.0	16763
885-15993-18	TB-IW8A	Total/NA	Solid	300.0	16763
885-15993-19	TB-IW9A	Total/NA	Solid	300.0	16763
885-15993-20	TB-IW10A	Total/NA	Solid	300.0	16763
MB 885-16763/1-A	Method Blank	Total/NA	Solid	300.0	16763
LCS 885-16763/2-A	Lab Control Sample	Total/NA	Solid	300.0	16763

Prep Batch: 16775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15993-21	TB-IW12A	Total/NA	Solid	300_Prep	

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

HPLC/IC (Continued)

Prep Batch: 16775 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15993-22	TB-IW14A	Total/NA	Solid	300_Prep	
885-15993-23	TB-IW15A	Total/NA	Solid	300_Prep	
885-15993-24	TB-IW17A	Total/NA	Solid	300_Prep	
885-15993-25	TB-IW18	Total/NA	Solid	300_Prep	
MB 885-16775/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-16775/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 16799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15993-21	TB-IW12A	Total/NA	Solid	300.0	16775
885-15993-22	TB-IW14A	Total/NA	Solid	300.0	16775
885-15993-23	TB-IW15A	Total/NA	Solid	300.0	16775
885-15993-24	TB-IW17A	Total/NA	Solid	300.0	16775
885-15993-25	TB-IW18	Total/NA	Solid	300.0	16775
MB 885-16775/1-A	Method Blank	Total/NA	Solid	300.0	16775
LCS 885-16775/2-A	Lab Control Sample	Total/NA	Solid	300.0	16775

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Client Sample ID: TB-W18A

Lab Sample ID: 885-15993-1

Date Collected: 11/25/24 09:18

Matrix: Solid

Date Received: 11/27/24 07:47

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8015M/D		1	16796	JP	EET ALB	12/02/24 10:34
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8021B		1	16797	JP	EET ALB	12/02/24 10:34
Total/NA	Prep	SHAKE			16837	EM	EET ALB	12/02/24 11:55
Total/NA	Analysis	8015M/D		1	16826	MI	EET ALB	12/02/24 14:16
Total/NA	Prep	300_Prep			16763	EH	EET ALB	11/27/24 12:41
Total/NA	Analysis	300.0		20	16771	EH	EET ALB	11/27/24 14:55

Client Sample ID: TB-W19A

Lab Sample ID: 885-15993-2

Date Collected: 11/25/24 09:54

Matrix: Solid

Date Received: 11/27/24 07:47

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8015M/D		1	16796	JP	EET ALB	12/02/24 11:45
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8021B		1	16797	JP	EET ALB	12/02/24 11:45
Total/NA	Prep	SHAKE			16837	EM	EET ALB	12/02/24 11:55
Total/NA	Analysis	8015M/D		1	16826	MI	EET ALB	12/02/24 14:29
Total/NA	Prep	300_Prep			16763	EH	EET ALB	11/27/24 12:41
Total/NA	Analysis	300.0		20	16771	EH	EET ALB	11/27/24 15:24

Client Sample ID: TB-W20A

Lab Sample ID: 885-15993-3

Date Collected: 11/25/24 09:56

Matrix: Solid

Date Received: 11/27/24 07:47

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8015M/D		1	16796	JP	EET ALB	12/02/24 12:55
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8021B		1	16797	JP	EET ALB	12/02/24 12:55
Total/NA	Prep	SHAKE			16837	EM	EET ALB	12/02/24 11:55
Total/NA	Analysis	8015M/D		1	16826	MI	EET ALB	12/02/24 14:41
Total/NA	Prep	300_Prep			16763	EH	EET ALB	11/27/24 12:41
Total/NA	Analysis	300.0		20	16771	EH	EET ALB	11/27/24 15:34

Client Sample ID: TB-W21A

Lab Sample ID: 885-15993-4

Date Collected: 11/25/24 10:00

Matrix: Solid

Date Received: 11/27/24 07:47

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8015M/D		1	16796	JP	EET ALB	12/02/24 13:19

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Client Sample ID: TB-W21A

Lab Sample ID: 885-15993-4

Date Collected: 11/25/24 10:00

Matrix: Solid

Date Received: 11/27/24 07:47

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8021B		1	16797	JP	EET ALB	12/02/24 13:19
Total/NA	Prep	SHAKE			16837	EM	EET ALB	12/02/24 11:55
Total/NA	Analysis	8015M/D		1	16826	MI	EET ALB	12/02/24 14:54
Total/NA	Prep	300_Prep			16763	EH	EET ALB	11/27/24 12:41
Total/NA	Analysis	300.0		20	16771	EH	EET ALB	11/27/24 15:44

Client Sample ID: TB-W22A

Lab Sample ID: 885-15993-5

Date Collected: 11/25/24 10:02

Matrix: Solid

Date Received: 11/27/24 07:47

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8015M/D		1	16796	JP	EET ALB	12/02/24 13:43
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8021B		1	16797	JP	EET ALB	12/02/24 13:43
Total/NA	Prep	SHAKE			16837	EM	EET ALB	12/02/24 11:55
Total/NA	Analysis	8015M/D		1	16826	MI	EET ALB	12/02/24 15:06
Total/NA	Prep	300_Prep			16763	EH	EET ALB	11/27/24 12:41
Total/NA	Analysis	300.0		20	16771	EH	EET ALB	11/27/24 15:54

Client Sample ID: TB-W24A

Lab Sample ID: 885-15993-6

Date Collected: 11/25/24 10:04

Matrix: Solid

Date Received: 11/27/24 07:47

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8015M/D		1	16796	JP	EET ALB	12/02/24 14:07
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8021B		1	16797	JP	EET ALB	12/02/24 14:07
Total/NA	Prep	SHAKE			16837	EM	EET ALB	12/02/24 11:55
Total/NA	Analysis	8015M/D		1	16826	MI	EET ALB	12/02/24 15:18
Total/NA	Prep	300_Prep			16763	EH	EET ALB	11/27/24 12:41
Total/NA	Analysis	300.0		20	16771	EH	EET ALB	11/27/24 16:04

Client Sample ID: TB-W26A

Lab Sample ID: 885-15993-7

Date Collected: 11/25/24 10:10

Matrix: Solid

Date Received: 11/27/24 07:47

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8015M/D		1	16796	JP	EET ALB	12/02/24 14:30
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8021B		1	16797	JP	EET ALB	12/02/24 14:30

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Client Sample ID: TB-W26A

Date Collected: 11/25/24 10:10

Date Received: 11/27/24 07:47

Lab Sample ID: 885-15993-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			16837	EM	EET ALB	12/02/24 11:55
Total/NA	Analysis	8015M/D		1	16826	MI	EET ALB	12/02/24 15:31
Total/NA	Prep	300_Prep			16763	EH	EET ALB	11/27/24 12:41
Total/NA	Analysis	300.0		20	16771	EH	EET ALB	11/27/24 16:33

Client Sample ID: TB-W28A

Date Collected: 11/25/24 10:12

Date Received: 11/27/24 07:47

Lab Sample ID: 885-15993-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8015M/D		1	16796	JP	EET ALB	12/02/24 14:54
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8021B		1	16797	JP	EET ALB	12/02/24 14:54
Total/NA	Prep	SHAKE			16837	EM	EET ALB	12/02/24 11:55
Total/NA	Analysis	8015M/D		1	16826	MI	EET ALB	12/02/24 15:43
Total/NA	Prep	300_Prep			16763	EH	EET ALB	11/27/24 12:41
Total/NA	Analysis	300.0		20	16771	EH	EET ALB	11/27/24 16:43

Client Sample ID: TB-W29A

Date Collected: 11/25/24 10:20

Date Received: 11/27/24 07:47

Lab Sample ID: 885-15993-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8015M/D		1	16796	JP	EET ALB	12/02/24 15:18
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8021B		1	16797	JP	EET ALB	12/02/24 15:18
Total/NA	Prep	SHAKE			16837	EM	EET ALB	12/02/24 11:55
Total/NA	Analysis	8015M/D		1	16826	MI	EET ALB	12/02/24 16:08
Total/NA	Prep	300_Prep			16763	EH	EET ALB	11/27/24 12:41
Total/NA	Analysis	300.0		20	16771	EH	EET ALB	11/27/24 16:53

Client Sample ID: TB-W30A

Date Collected: 11/25/24 10:24

Date Received: 11/27/24 07:47

Lab Sample ID: 885-15993-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8015M/D		1	16796	JP	EET ALB	12/02/24 15:42
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8021B		1	16797	JP	EET ALB	12/02/24 15:42
Total/NA	Prep	SHAKE			16837	EM	EET ALB	12/02/24 11:55
Total/NA	Analysis	8015M/D		1	16826	MI	EET ALB	12/02/24 16:21

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Client Sample ID: TB-W30A
Date Collected: 11/25/24 10:24
Date Received: 11/27/24 07:47

Lab Sample ID: 885-15993-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			16763	EH	EET ALB	11/27/24 12:41
Total/NA	Analysis	300.0		20	16771	EH	EET ALB	11/27/24 17:03

Client Sample ID: TB-W32A
Date Collected: 11/25/24 10:30
Date Received: 11/27/24 07:47

Lab Sample ID: 885-15993-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8015M/D		1	16796	JP	EET ALB	12/02/24 16:30
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8021B		1	16797	JP	EET ALB	12/02/24 16:30
Total/NA	Prep	SHAKE			16837	EM	EET ALB	12/02/24 11:55
Total/NA	Analysis	8015M/D		1	16826	MI	EET ALB	12/02/24 16:33
Total/NA	Prep	300_Prep			16763	EH	EET ALB	11/27/24 12:41
Total/NA	Analysis	300.0		20	16771	EH	EET ALB	11/27/24 17:13

Client Sample ID: TB-W33A
Date Collected: 11/25/24 11:10
Date Received: 11/27/24 07:47

Lab Sample ID: 885-15993-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8015M/D		1	16796	JP	EET ALB	12/02/24 16:53
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8021B		1	16797	JP	EET ALB	12/02/24 16:53
Total/NA	Prep	SHAKE			16837	EM	EET ALB	12/02/24 11:55
Total/NA	Analysis	8015M/D		1	16826	MI	EET ALB	12/02/24 17:19
Total/NA	Prep	300_Prep			16763	EH	EET ALB	11/27/24 12:41
Total/NA	Analysis	300.0		20	16771	EH	EET ALB	11/27/24 17:42

Client Sample ID: TB-W34A
Date Collected: 11/25/24 11:12
Date Received: 11/27/24 07:47

Lab Sample ID: 885-15993-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8015M/D		1	16796	JP	EET ALB	12/02/24 17:17
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8021B		1	16797	JP	EET ALB	12/02/24 17:17
Total/NA	Prep	SHAKE			16837	EM	EET ALB	12/02/24 11:55
Total/NA	Analysis	8015M/D		10	16930	MI	EET ALB	12/03/24 14:06
Total/NA	Prep	300_Prep			16763	EH	EET ALB	11/27/24 12:41
Total/NA	Analysis	300.0		20	16771	EH	EET ALB	11/27/24 17:52

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Client Sample ID: TB-W35A
Date Collected: 11/25/24 11:14
Date Received: 11/27/24 07:47

Lab Sample ID: 885-15993-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8015M/D		1	16796	JP	EET ALB	12/02/24 17:41
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8021B		1	16797	JP	EET ALB	12/02/24 17:41
Total/NA	Prep	SHAKE			16837	EM	EET ALB	12/02/24 11:55
Total/NA	Analysis	8015M/D		1	16826	MI	EET ALB	12/03/24 11:50
Total/NA	Prep	300_Prep			16763	EH	EET ALB	11/27/24 12:41
Total/NA	Analysis	300.0		20	16771	EH	EET ALB	11/27/24 18:02

Client Sample ID: TB-IW3A
Date Collected: 11/25/24 11:16
Date Received: 11/27/24 07:47

Lab Sample ID: 885-15993-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8015M/D		1	16796	JP	EET ALB	12/02/24 18:04
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8021B		1	16797	JP	EET ALB	12/02/24 18:04
Total/NA	Prep	SHAKE			16837	EM	EET ALB	12/02/24 11:55
Total/NA	Analysis	8015M/D		1	16826	MI	EET ALB	12/02/24 18:20
Total/NA	Prep	300_Prep			16763	EH	EET ALB	11/27/24 12:41
Total/NA	Analysis	300.0		20	16771	EH	EET ALB	11/27/24 18:31

Client Sample ID: TB-IW4A
Date Collected: 11/25/24 11:18
Date Received: 11/27/24 07:47

Lab Sample ID: 885-15993-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8015M/D		1	16796	JP	EET ALB	12/02/24 18:28
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8021B		1	16797	JP	EET ALB	12/02/24 18:28
Total/NA	Prep	SHAKE			16837	EM	EET ALB	12/02/24 11:55
Total/NA	Analysis	8015M/D		1	16826	MI	EET ALB	12/02/24 18:32
Total/NA	Prep	300_Prep			16763	EH	EET ALB	11/27/24 12:41
Total/NA	Analysis	300.0		20	16771	EH	EET ALB	11/27/24 18:41

Client Sample ID: TB-IW6A
Date Collected: 11/25/24 11:24
Date Received: 11/27/24 07:47

Lab Sample ID: 885-15993-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8015M/D		1	16796	JP	EET ALB	12/02/24 18:52

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Client Sample ID: TB-IW6A

Lab Sample ID: 885-15993-17

Date Collected: 11/25/24 11:24

Matrix: Solid

Date Received: 11/27/24 07:47

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8021B		1	16797	JP	EET ALB	12/02/24 18:52
Total/NA	Prep	SHAKE			16837	EM	EET ALB	12/02/24 11:55
Total/NA	Analysis	8015M/D		1	16826	MI	EET ALB	12/02/24 18:56
Total/NA	Prep	300_Prep			16763	EH	EET ALB	11/27/24 12:41
Total/NA	Analysis	300.0		20	16771	EH	EET ALB	11/27/24 18:51

Client Sample ID: TB-IW8A

Lab Sample ID: 885-15993-18

Date Collected: 11/25/24 11:30

Matrix: Solid

Date Received: 11/27/24 07:47

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8015M/D		1	16796	JP	EET ALB	12/02/24 19:15
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8021B		1	16797	JP	EET ALB	12/02/24 19:15
Total/NA	Prep	SHAKE			16837	EM	EET ALB	12/02/24 11:55
Total/NA	Analysis	8015M/D		1	16826	MI	EET ALB	12/02/24 19:08
Total/NA	Prep	300_Prep			16763	EH	EET ALB	11/27/24 12:41
Total/NA	Analysis	300.0		20	16771	EH	EET ALB	11/27/24 19:01

Client Sample ID: TB-IW9A

Lab Sample ID: 885-15993-19

Date Collected: 11/25/24 11:32

Matrix: Solid

Date Received: 11/27/24 07:47

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8015M/D		1	16796	JP	EET ALB	12/02/24 19:39
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8021B		1	16797	JP	EET ALB	12/02/24 19:39
Total/NA	Prep	SHAKE			16837	EM	EET ALB	12/02/24 11:55
Total/NA	Analysis	8015M/D		1	16826	MI	EET ALB	12/02/24 19:20
Total/NA	Prep	300_Prep			16763	EH	EET ALB	11/27/24 12:41
Total/NA	Analysis	300.0		20	16771	EH	EET ALB	11/27/24 19:11

Client Sample ID: TB-IW10A

Lab Sample ID: 885-15993-20

Date Collected: 11/25/24 11:40

Matrix: Solid

Date Received: 11/27/24 07:47

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8015M/D		1	16796	JP	EET ALB	12/02/24 20:02
Total/NA	Prep	5030C			16748	JP	EET ALB	11/27/24 10:23
Total/NA	Analysis	8021B		1	16797	JP	EET ALB	12/02/24 20:02

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Client Sample ID: TB-IW10A
Date Collected: 11/25/24 11:40
Date Received: 11/27/24 07:47

Lab Sample ID: 885-15993-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			16837	EM	EET ALB	12/02/24 11:55
Total/NA	Analysis	8015M/D		1	16826	MI	EET ALB	12/02/24 19:32
Total/NA	Prep	300_Prep			16763	EH	EET ALB	11/27/24 12:41
Total/NA	Analysis	300.0		20	16771	EH	EET ALB	11/27/24 19:21

Client Sample ID: TB-IW12A
Date Collected: 11/25/24 11:42
Date Received: 11/27/24 07:47

Lab Sample ID: 885-15993-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			16756	JP	EET ALB	11/27/24 11:37
Total/NA	Analysis	8015M/D		1	16861	JP	EET ALB	12/02/24 22:46
Total/NA	Prep	5030C			16756	JP	EET ALB	11/27/24 11:37
Total/NA	Analysis	8021B		1	16860	JP	EET ALB	12/02/24 22:46
Total/NA	Prep	SHAKE			16827	EM	EET ALB	12/02/24 11:08
Total/NA	Analysis	8015M/D		1	16831	MI	EET ALB	12/02/24 13:28
Total/NA	Prep	300_Prep			16775	EH	EET ALB	11/27/24 14:36
Total/NA	Analysis	300.0		20	16799	JT	EET ALB	12/02/24 10:12

Client Sample ID: TB-IW14A
Date Collected: 11/25/24 11:46
Date Received: 11/27/24 07:47

Lab Sample ID: 885-15993-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			16756	JP	EET ALB	11/27/24 11:37
Total/NA	Analysis	8015M/D		1	16861	JP	EET ALB	12/02/24 23:10
Total/NA	Prep	5030C			16756	JP	EET ALB	11/27/24 11:37
Total/NA	Analysis	8021B		1	16860	JP	EET ALB	12/02/24 23:10
Total/NA	Prep	SHAKE			16827	EM	EET ALB	12/02/24 11:08
Total/NA	Analysis	8015M/D		1	16831	MI	EET ALB	12/02/24 13:38
Total/NA	Prep	300_Prep			16775	EH	EET ALB	11/27/24 14:36
Total/NA	Analysis	300.0		20	16799	JT	EET ALB	12/02/24 10:43

Client Sample ID: TB-IW15A
Date Collected: 11/25/24 11:50
Date Received: 11/27/24 07:47

Lab Sample ID: 885-15993-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			16756	JP	EET ALB	11/27/24 11:37
Total/NA	Analysis	8015M/D		1	16861	JP	EET ALB	12/03/24 00:20
Total/NA	Prep	5030C			16756	JP	EET ALB	11/27/24 11:37
Total/NA	Analysis	8021B		1	16860	JP	EET ALB	12/03/24 00:20
Total/NA	Prep	SHAKE			16827	EM	EET ALB	12/02/24 11:08
Total/NA	Analysis	8015M/D		1	16831	MI	EET ALB	12/02/24 13:49

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Client Sample ID: TB-IW15A
Date Collected: 11/25/24 11:50
Date Received: 11/27/24 07:47

Lab Sample ID: 885-15993-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			16775	EH	EET ALB	11/27/24 14:36
Total/NA	Analysis	300.0		20	16799	JT	EET ALB	12/02/24 10:53

Client Sample ID: TB-IW17A
Date Collected: 11/25/24 11:54
Date Received: 11/27/24 07:47

Lab Sample ID: 885-15993-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			16756	JP	EET ALB	11/27/24 11:37
Total/NA	Analysis	8015M/D		1	16861	JP	EET ALB	12/03/24 01:29
Total/NA	Prep	5030C			16756	JP	EET ALB	11/27/24 11:37
Total/NA	Analysis	8021B		1	16860	JP	EET ALB	12/03/24 01:29
Total/NA	Prep	SHAKE			16827	EM	EET ALB	12/02/24 11:08
Total/NA	Analysis	8015M/D		1	16831	MI	EET ALB	12/02/24 13:59
Total/NA	Prep	300_Prep			16775	EH	EET ALB	11/27/24 14:36
Total/NA	Analysis	300.0		20	16799	JT	EET ALB	12/02/24 11:03

Client Sample ID: TB-IW18
Date Collected: 11/25/24 11:58
Date Received: 11/27/24 07:47

Lab Sample ID: 885-15993-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			16756	JP	EET ALB	11/27/24 11:37
Total/NA	Analysis	8015M/D		1	16861	JP	EET ALB	12/03/24 01:53
Total/NA	Prep	5030C			16756	JP	EET ALB	11/27/24 11:37
Total/NA	Analysis	8021B		1	16860	JP	EET ALB	12/03/24 01:53
Total/NA	Prep	SHAKE			16827	EM	EET ALB	12/02/24 11:08
Total/NA	Analysis	8015M/D		1	16831	MI	EET ALB	12/02/24 14:10
Total/NA	Prep	300_Prep			16775	EH	EET ALB	11/27/24 14:36
Total/NA	Analysis	300.0		20	16799	JT	EET ALB	12/02/24 11:34

Laboratory References:
EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-15993-1

Laboratory: Eurofins Albuquerque

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-26-25

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:

☒ Standard
 ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☒ NELAC
 ☐ Other

☒ EDD (Type) Excel

Turn-Around Time:

☐ Standard
 ☒ Rush 48 hr

Project Name:

Roy SWD #3

Project #: 5375

Project Manager: W. Kierdorf

Sampler: J. Martinez

On Ice: ☒ Yes ☐ No page

of Coolers: 1

Cooler Temp (including CF): 1.1 ± 0.2 °C

Container Type and #

Preservative Type

HEAL No.

402 Dors 1CE

2

3

4

5

6

7

8

9

10

11

12

Date: 11/25/24

Time: 0930

Date: 11/26/24

Time: 0900

Relinquished by:

Relinquished by:

Received by:

Via:

Received by:

Via:

Date

Time

Date

Time

Remarks: Bill to EOG Artesia


**HALL ENVIRONMENTAL
ANALYSIS LABOR**


4901 Hawkins NE - Albuquerque, NM 8710

Tel. 505-345-3975 Fax 505-345-4107

885-15993 COC

Analysis Request

BTEX (8021)

TPH: 8015D (GRO / DRO / MRO)

X

X

X

X

X

X

X

X

X

X

X

X

X

1 2 3 4 5 6 7 8 9 10 11

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:

☒ Standard
 ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☒ NELAC
 ☐ Other

☒ EDD (Type)
 ☐ Excel

Turn-Around Time:

☐ Standard
 ☒ Rush

48 hr

Project Name:

Roy SWD #3

Project #: 53751

Project Manager: W. Kierdorf

Sampler: J. Martinez

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (including CF): 1.1 ± 0.1 °C

BTEx (8021)

Chloride (EPA 300)

TPH: 8015D (GRO / DRO / MRO)

BTEx (8021)

Chloride (EPA 300)

TPH: 8015D (GRO / DRO / MRO)

BTEx (8021)

Chloride (EPA 300)

TPH: 8015D (GRO / DRO / MRO)

BTEx (8021)

Chloride (EPA 300)

TPH: 8015D (GRO / DRO / MRO)

BTEx (8021)

Chloride (EPA 300)

TPH: 8015D (GRO / DRO / MRO)

BTEx (8021)

Chloride (EPA 300)

TPH: 8015D (GRO / DRO / MRO)

BTEx (8021)

Chloride (EPA 300)

TPH: 8015D (GRO / DRO / MRO)

BTEx (8021)

Chloride (EPA 300)

TPH: 8015D (GRO / DRO / MRO)

BTEx (8021)

Chloride (EPA 300)

TPH: 8015D (GRO / DRO / MRO)

BTEx (8021)

Chloride (EPA 300)

TPH: 8015D (GRO / DRO / MRO)

BTEx (8021)

Chloride (EPA 300)

TPH: 8015D (GRO / DRO / MRO)

BTEx (8021)

Chloride (EPA 300)

TPH: 8015D (GRO / DRO / MRO)

Received by: Via: Date Time

11/20/24 9:30

11/20/24 9:30

11/20/24 9:30

11/20/24 9:30

11/20/24 9:30

11/20/24 9:30

11/20/24 9:30

11/20/24 9:30

11/20/24 9:30

11/20/24 9:30

Received by: Via: Date Time

11/20/24 9:30

11/20/24 9:30

11/20/24 9:30

11/20/24 9:30

11/20/24 9:30

11/20/24 9:30

11/20/24 9:30

11/20/24 9:30

11/20/24 9:30

11/20/24 9:30

Relinquished by: Date Time

11/20/24 9:30

11/20/24 9:30

11/20/24 9:30

11/20/24 9:30

11/20/24 9:30

11/20/24 9:30

11/20/24 9:30

11/20/24 9:30

11/20/24 9:30

11/20/24 9:30

Relinquished by: Date Time

11/20/24 9:30

11/20/24 9:30

11/20/24 9:30

11/20/24 9:30

11/20/24 9:30

11/20/24 9:30

11/20/24 9:30

11/20/24 9:30

11/20/24 9:30

11/20/24 9:30

Remarks: Bill to EOG Artesia-

M10L4ND

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly noted on the analytical report.

Login Sample Receipt Checklist

Client: Ranger Environmental Services, Inc

Job Number: 885-15993-1

Login Number: 15993

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

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").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	True	



Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

ANALYTICAL REPORT

PREPARED FOR

Attn: Will Kierdorf
Ranger Environmental Services, Inc
7215 McNeil Drive
PO BOX 201179
Austin, Texas 78729

Generated 12/13/2024 9:43:46 AM

JOB DESCRIPTION

Roy SWD #3

JOB NUMBER

885-16600-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109



Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Authorized for release by
Andy Freeman, Business Unit Manager
andy.freeman@et.eurofinsus.com
(505)345-3975

Generated
12/13/2024 9:43:46 AM

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Laboratory Job ID: 885-16600-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	11
QC Association Summary	14
Lab Chronicle	16
Certification Summary	18
Chain of Custody	19
Receipt Checklists	20



Definitions/Glossary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-16600-1

Glossary

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

Case Narrative

Client: Ranger Environmental Services, Inc
Project: Roy SWD #3

Job ID: 885-16600-1

Job ID: 885-16600-1

Eurofins Albuquerque

Job Narrative 885-16600-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/10/2024 8:00 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 5.9°C.

Gasoline Range Organics

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

GC VOA

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

Diesel Range Organics

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.

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-16600-1

Client Sample ID: TB-W29 B

Lab Sample ID: 885-16600-1

Date Collected: 12/09/24 10:30

Matrix: Solid

Date Received: 12/10/24 08:00

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.3	mg/Kg		12/10/24 09:50	12/10/24 13:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		35 - 166			12/10/24 09:50	12/10/24 13:29	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.027	mg/Kg		12/10/24 09:50	12/10/24 13:29	1
Ethylbenzene	ND		0.053	mg/Kg		12/10/24 09:50	12/10/24 13:29	1
Toluene	ND		0.053	mg/Kg		12/10/24 09:50	12/10/24 13:29	1
Xylenes, Total	ND		0.11	mg/Kg		12/10/24 09:50	12/10/24 13:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		48 - 145			12/10/24 09:50	12/10/24 13:29	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9	mg/Kg		12/10/24 15:50	12/11/24 10:40	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		12/10/24 15:50	12/11/24 10:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134			12/10/24 15:50	12/11/24 10:40	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	580		60	mg/Kg		12/10/24 13:25	12/10/24 21:05	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-16600-1

Client Sample ID: TB-IW6B

Lab Sample ID: 885-16600-2

Date Collected: 12/09/24 10:34

Matrix: Solid

Date Received: 12/10/24 08:00

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.4	mg/Kg		12/10/24 09:50	12/10/24 13:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		35 - 166			12/10/24 09:50	12/10/24 13:50	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.022	mg/Kg		12/10/24 09:50	12/10/24 13:50	1
Ethylbenzene	ND		0.044	mg/Kg		12/10/24 09:50	12/10/24 13:50	1
Toluene	ND		0.044	mg/Kg		12/10/24 09:50	12/10/24 13:50	1
Xylenes, Total	ND		0.088	mg/Kg		12/10/24 09:50	12/10/24 13:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		48 - 145			12/10/24 09:50	12/10/24 13:50	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		12/10/24 15:50	12/11/24 10:52	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		12/10/24 15:50	12/11/24 10:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			12/10/24 15:50	12/11/24 10:52	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1400		60	mg/Kg		12/10/24 13:25	12/10/24 21:54	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-16600-1

Client Sample ID: TB-IW8B

Lab Sample ID: 885-16600-3

Date Collected: 12/09/24 10:36

Matrix: Solid

Date Received: 12/10/24 08:00

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.4	mg/Kg		12/10/24 09:50	12/10/24 14:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		35 - 166			12/10/24 09:50	12/10/24 14:12	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.022	mg/Kg		12/10/24 09:50	12/10/24 14:12	1
Ethylbenzene	ND		0.044	mg/Kg		12/10/24 09:50	12/10/24 14:12	1
Toluene	ND		0.044	mg/Kg		12/10/24 09:50	12/10/24 14:12	1
Xylenes, Total	ND		0.088	mg/Kg		12/10/24 09:50	12/10/24 14:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		48 - 145			12/10/24 09:50	12/10/24 14:12	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7	mg/Kg		12/10/24 15:50	12/11/24 11:04	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		12/10/24 15:50	12/11/24 11:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	92		62 - 134			12/10/24 15:50	12/11/24 11:04	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	310		60	mg/Kg		12/10/24 13:25	12/10/24 22:04	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-16600-1

Client Sample ID: TB-IW15B

Lab Sample ID: 885-16600-4

Date Collected: 12/09/24 10:40

Matrix: Solid

Date Received: 12/10/24 08:00

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.1	mg/Kg		12/10/24 09:50	12/10/24 14:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		35 - 166			12/10/24 09:50	12/10/24 14:34	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020	mg/Kg		12/10/24 09:50	12/10/24 14:34	1
Ethylbenzene	ND		0.041	mg/Kg		12/10/24 09:50	12/10/24 14:34	1
Toluene	ND		0.041	mg/Kg		12/10/24 09:50	12/10/24 14:34	1
Xylenes, Total	ND		0.081	mg/Kg		12/10/24 09:50	12/10/24 14:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		48 - 145			12/10/24 09:50	12/10/24 14:34	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	14		9.2	mg/Kg		12/10/24 15:50	12/11/24 11:16	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		12/10/24 15:50	12/11/24 11:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	95		62 - 134			12/10/24 15:50	12/11/24 11:16	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	460		60	mg/Kg		12/10/24 13:25	12/10/24 22:14	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-16600-1

Client Sample ID: TB-IW17B

Lab Sample ID: 885-16600-5

Date Collected: 12/09/24 10:42

Matrix: Solid

Date Received: 12/10/24 08:00

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.3	mg/Kg		12/10/24 09:50	12/10/24 14:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		35 - 166			12/10/24 09:50	12/10/24 14:56	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.022	mg/Kg		12/10/24 09:50	12/10/24 14:56	1
Ethylbenzene	ND		0.043	mg/Kg		12/10/24 09:50	12/10/24 14:56	1
Toluene	ND		0.043	mg/Kg		12/10/24 09:50	12/10/24 14:56	1
Xylenes, Total	ND		0.086	mg/Kg		12/10/24 09:50	12/10/24 14:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		48 - 145			12/10/24 09:50	12/10/24 14:56	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2	mg/Kg		12/10/24 16:15	12/11/24 11:28	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		12/10/24 16:15	12/11/24 11:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	100		62 - 134			12/10/24 16:15	12/11/24 11:28	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	550		61	mg/Kg		12/10/24 13:25	12/10/24 22:43	20

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-16600-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-17375/6

Matrix: Solid

Analysis Batch: 17375

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg			12/10/24 11:47	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166				12/10/24 11:47	1

Lab Sample ID: LCS 885-17391/2-A

Matrix: Solid

Analysis Batch: 17375

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17391

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	25.0	21.7		mg/Kg		87	70 - 130
Gasoline Range Organics (GRO)-C6-C10	25.0	21.7		mg/Kg		87	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	188		35 - 166				
4-Bromofluorobenzene (Surr)	188		35 - 166				

Lab Sample ID: 885-16600-1 MS

Matrix: Solid

Analysis Batch: 17458

Client Sample ID: TB-W29 B

Prep Type: Total/NA

Prep Batch: 17391

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	ND		26.5	26.2		mg/Kg		99	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	188		35 - 166						

Lab Sample ID: 885-16600-1 MSD

Matrix: Solid

Analysis Batch: 17458

Client Sample ID: TB-W29 B

Prep Type: Total/NA

Prep Batch: 17391

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	ND		26.5	26.1		mg/Kg		98	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	186		35 - 166								

Lab Sample ID: MB 885-17458/6

Matrix: Solid

Analysis Batch: 17458

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg			12/10/24 11:47	1

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-16600-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166		12/10/24 11:47	1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-17376/6

Matrix: Solid

Analysis Batch: 17376

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg			12/10/24 11:47	1
Ethylbenzene	ND		0.050	mg/Kg			12/10/24 11:47	1
Toluene	ND		0.050	mg/Kg			12/10/24 11:47	1
Xylenes, Total	ND		0.10	mg/Kg			12/10/24 11:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		48 - 145		12/10/24 11:47	1

Lab Sample ID: LCS 885-17391/3-A

Matrix: Solid

Analysis Batch: 17376

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17391

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.935		mg/Kg		94	70 - 130
Benzene	1.00	0.935		mg/Kg		94	70 - 130
Ethylbenzene	1.00	0.959		mg/Kg		96	70 - 130
Ethylbenzene	1.00	0.959		mg/Kg		96	70 - 130
m,p-Xylene	2.00	1.93		mg/Kg		97	70 - 130
m,p-Xylene	2.00	1.93		mg/Kg		97	70 - 130
o-Xylene	1.00	0.961		mg/Kg		96	70 - 130
o-Xylene	1.00	0.961		mg/Kg		96	70 - 130
Toluene	1.00	0.943		mg/Kg		94	70 - 130
Toluene	1.00	0.943		mg/Kg		94	70 - 130
Xylenes, Total	3.00	2.89		mg/Kg		96	70 - 130
Xylenes, Total	3.00	2.89		mg/Kg		96	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		48 - 145
4-Bromofluorobenzene (Surr)	108		48 - 145

Lab Sample ID: 885-16600-2 MS

Matrix: Solid

Analysis Batch: 17459

Client Sample ID: TB-IW6B

Prep Type: Total/NA

Prep Batch: 17391

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.884	0.869		mg/Kg		98	70 - 130
Ethylbenzene	ND		0.884	0.875		mg/Kg		99	70 - 130
m,p-Xylene	ND		1.77	1.75		mg/Kg		99	70 - 130
o-Xylene	ND		0.884	0.868		mg/Kg		98	70 - 130
Toluene	ND		0.884	0.870		mg/Kg		98	70 - 130
Xylenes, Total	ND		2.65	2.62		mg/Kg		99	70 - 130

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-16600-1

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

Lab Sample ID: 885-16600-2 MS

Matrix: Solid

Analysis Batch: 17459

Client Sample ID: TB-IW6B

Prep Type: Total/NA

Prep Batch: 17391

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		48 - 145

Lab Sample ID: 885-16600-2 MSD

Matrix: Solid

Analysis Batch: 17459

Client Sample ID: TB-IW6B

Prep Type: Total/NA

Prep Batch: 17391

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.884	0.855		mg/Kg		97	70 - 130	2	20
Ethylbenzene	ND		0.884	0.865		mg/Kg		98	70 - 130	1	20
m,p-Xylene	ND		1.77	1.73		mg/Kg		98	70 - 130	1	20
o-Xylene	ND		0.884	0.873		mg/Kg		99	70 - 130	1	20
Toluene	ND		0.884	0.863		mg/Kg		98	70 - 130	1	20
Xylenes, Total	ND		2.65	2.61		mg/Kg		98	70 - 130	0	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		48 - 145

Lab Sample ID: MB 885-17459/6

Matrix: Solid

Analysis Batch: 17459

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg			12/10/24 11:47	1
Ethylbenzene	ND		0.050	mg/Kg			12/10/24 11:47	1
Toluene	ND		0.050	mg/Kg			12/10/24 11:47	1
Xylenes, Total	ND		0.10	mg/Kg			12/10/24 11:47	1

	MB	MB						
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac		
4-Bromofluorobenzene (Surr)	104		48 - 145		12/10/24 11:47	1		

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-17419/1-A

Matrix: Solid

Analysis Batch: 17383

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17419

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0	mg/Kg		12/10/24 13:25	12/10/24 20:45	1

Lab Sample ID: LCS 885-17419/2-A

Matrix: Solid

Analysis Batch: 17383

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17419

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	30.0	29.2		mg/Kg		97	90 - 110

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-16600-1

GC VOA

Analysis Batch: 17375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16600-1	TB-W29 B	Total/NA	Solid	8015M/D	17391
885-16600-2	TB-IW6B	Total/NA	Solid	8015M/D	17391
885-16600-3	TB-IW8B	Total/NA	Solid	8015M/D	17391
885-16600-4	TB-IW15B	Total/NA	Solid	8015M/D	17391
885-16600-5	TB-IW17B	Total/NA	Solid	8015M/D	17391
MB 885-17375/6	Method Blank	Total/NA	Solid	8015M/D	
LCS 885-17391/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	17391

Analysis Batch: 17376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16600-1	TB-W29 B	Total/NA	Solid	8021B	17391
885-16600-2	TB-IW6B	Total/NA	Solid	8021B	17391
885-16600-3	TB-IW8B	Total/NA	Solid	8021B	17391
885-16600-4	TB-IW15B	Total/NA	Solid	8021B	17391
885-16600-5	TB-IW17B	Total/NA	Solid	8021B	17391
MB 885-17376/6	Method Blank	Total/NA	Solid	8021B	
LCS 885-17391/3-A	Lab Control Sample	Total/NA	Solid	8021B	17391

Prep Batch: 17391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16600-1	TB-W29 B	Total/NA	Solid	5035	
885-16600-2	TB-IW6B	Total/NA	Solid	5035	
885-16600-3	TB-IW8B	Total/NA	Solid	5035	
885-16600-4	TB-IW15B	Total/NA	Solid	5035	
885-16600-5	TB-IW17B	Total/NA	Solid	5035	
LCS 885-17391/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-17391/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-16600-1 MS	TB-W29 B	Total/NA	Solid	5035	
885-16600-1 MSD	TB-W29 B	Total/NA	Solid	5035	
885-16600-2 MS	TB-IW6B	Total/NA	Solid	5035	
885-16600-2 MSD	TB-IW6B	Total/NA	Solid	5035	

Analysis Batch: 17458

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-17458/6	Method Blank	Total/NA	Solid	8015M/D	
LCS 885-17391/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	17391
885-16600-1 MS	TB-W29 B	Total/NA	Solid	8015M/D	17391
885-16600-1 MSD	TB-W29 B	Total/NA	Solid	8015M/D	17391

Analysis Batch: 17459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-17459/6	Method Blank	Total/NA	Solid	8021B	
LCS 885-17391/3-A	Lab Control Sample	Total/NA	Solid	8021B	17391
885-16600-2 MS	TB-IW6B	Total/NA	Solid	8021B	17391
885-16600-2 MSD	TB-IW6B	Total/NA	Solid	8021B	17391

GC Semi VOA

Prep Batch: 17439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16600-1	TB-W29 B	Total/NA	Solid	SHAKE	

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-16600-1

GC Semi VOA (Continued)

Prep Batch: 17439 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16600-2	TB-IW6B	Total/NA	Solid	SHAKE	
885-16600-3	TB-IW8B	Total/NA	Solid	SHAKE	
885-16600-4	TB-IW15B	Total/NA	Solid	SHAKE	
885-16600-5	TB-IW17B	Total/NA	Solid	SHAKE	

Analysis Batch: 17477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16600-1	TB-W29 B	Total/NA	Solid	8015M/D	17439
885-16600-2	TB-IW6B	Total/NA	Solid	8015M/D	17439
885-16600-3	TB-IW8B	Total/NA	Solid	8015M/D	17439
885-16600-4	TB-IW15B	Total/NA	Solid	8015M/D	17439
885-16600-5	TB-IW17B	Total/NA	Solid	8015M/D	17439

HPLC/IC

Analysis Batch: 17383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16600-1	TB-W29 B	Total/NA	Solid	300.0	17419
885-16600-2	TB-IW6B	Total/NA	Solid	300.0	17419
885-16600-3	TB-IW8B	Total/NA	Solid	300.0	17419
885-16600-4	TB-IW15B	Total/NA	Solid	300.0	17419
885-16600-5	TB-IW17B	Total/NA	Solid	300.0	17419
MB 885-17419/1-A	Method Blank	Total/NA	Solid	300.0	17419
LCS 885-17419/2-A	Lab Control Sample	Total/NA	Solid	300.0	17419

Prep Batch: 17419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16600-1	TB-W29 B	Total/NA	Solid	300_Prep	
885-16600-2	TB-IW6B	Total/NA	Solid	300_Prep	
885-16600-3	TB-IW8B	Total/NA	Solid	300_Prep	
885-16600-4	TB-IW15B	Total/NA	Solid	300_Prep	
885-16600-5	TB-IW17B	Total/NA	Solid	300_Prep	
MB 885-17419/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-17419/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-16600-1

Client Sample ID: TB-W29 B

Lab Sample ID: 885-16600-1

Date Collected: 12/09/24 10:30

Matrix: Solid

Date Received: 12/10/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			17391	JP	EET ALB	12/10/24 09:50
Total/NA	Analysis	8015M/D		1	17375	AT	EET ALB	12/10/24 13:29
Total/NA	Prep	5035			17391	JP	EET ALB	12/10/24 09:50
Total/NA	Analysis	8021B		1	17376	AT	EET ALB	12/10/24 13:29
Total/NA	Prep	SHAKE			17439	MI	EET ALB	12/10/24 15:50
Total/NA	Analysis	8015M/D		1	17477	MI	EET ALB	12/11/24 10:40
Total/NA	Prep	300_Prep			17419	JT	EET ALB	12/10/24 13:25
Total/NA	Analysis	300.0		20	17383	RC	EET ALB	12/10/24 21:05

Client Sample ID: TB-IW6B

Lab Sample ID: 885-16600-2

Date Collected: 12/09/24 10:34

Matrix: Solid

Date Received: 12/10/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			17391	JP	EET ALB	12/10/24 09:50
Total/NA	Analysis	8015M/D		1	17375	AT	EET ALB	12/10/24 13:50
Total/NA	Prep	5035			17391	JP	EET ALB	12/10/24 09:50
Total/NA	Analysis	8021B		1	17376	AT	EET ALB	12/10/24 13:50
Total/NA	Prep	SHAKE			17439	MI	EET ALB	12/10/24 15:50
Total/NA	Analysis	8015M/D		1	17477	MI	EET ALB	12/11/24 10:52
Total/NA	Prep	300_Prep			17419	JT	EET ALB	12/10/24 13:25
Total/NA	Analysis	300.0		20	17383	RC	EET ALB	12/10/24 21:54

Client Sample ID: TB-IW8B

Lab Sample ID: 885-16600-3

Date Collected: 12/09/24 10:36

Matrix: Solid

Date Received: 12/10/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			17391	JP	EET ALB	12/10/24 09:50
Total/NA	Analysis	8015M/D		1	17375	AT	EET ALB	12/10/24 14:12
Total/NA	Prep	5035			17391	JP	EET ALB	12/10/24 09:50
Total/NA	Analysis	8021B		1	17376	AT	EET ALB	12/10/24 14:12
Total/NA	Prep	SHAKE			17439	MI	EET ALB	12/10/24 15:50
Total/NA	Analysis	8015M/D		1	17477	MI	EET ALB	12/11/24 11:04
Total/NA	Prep	300_Prep			17419	JT	EET ALB	12/10/24 13:25
Total/NA	Analysis	300.0		20	17383	RC	EET ALB	12/10/24 22:04

Client Sample ID: TB-IW15B

Lab Sample ID: 885-16600-4

Date Collected: 12/09/24 10:40

Matrix: Solid

Date Received: 12/10/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			17391	JP	EET ALB	12/10/24 09:50
Total/NA	Analysis	8015M/D		1	17375	AT	EET ALB	12/10/24 14:34

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-16600-1

Client Sample ID: TB-IW15B
Date Collected: 12/09/24 10:40
Date Received: 12/10/24 08:00

Lab Sample ID: 885-16600-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			17391	JP	EET ALB	12/10/24 09:50
Total/NA	Analysis	8021B		1	17376	AT	EET ALB	12/10/24 14:34
Total/NA	Prep	SHAKE			17439	MI	EET ALB	12/10/24 15:50
Total/NA	Analysis	8015M/D		1	17477	MI	EET ALB	12/11/24 11:16
Total/NA	Prep	300_Prep			17419	JT	EET ALB	12/10/24 13:25
Total/NA	Analysis	300.0		20	17383	RC	EET ALB	12/10/24 22:14

Client Sample ID: TB-IW17B
Date Collected: 12/09/24 10:42
Date Received: 12/10/24 08:00

Lab Sample ID: 885-16600-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			17391	JP	EET ALB	12/10/24 09:50
Total/NA	Analysis	8015M/D		1	17375	AT	EET ALB	12/10/24 14:56
Total/NA	Prep	5035			17391	JP	EET ALB	12/10/24 09:50
Total/NA	Analysis	8021B		1	17376	AT	EET ALB	12/10/24 14:56
Total/NA	Prep	SHAKE			17439	MI	EET ALB	12/10/24 16:15
Total/NA	Analysis	8015M/D		1	17477	MI	EET ALB	12/11/24 11:28
Total/NA	Prep	300_Prep			17419	JT	EET ALB	12/10/24 13:25
Total/NA	Analysis	300.0		20	17383	RC	EET ALB	12/10/24 22:43

Laboratory References:
EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-16600-1

Laboratory: Eurofins Albuquerque

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-25-25

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

1 of 1



HALL ENVIRONME! ANALYSIS LABORA

www.hallenvironmental.com

385-16600 COC

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

[illegible]

Remarks:

Bill To EOG MIDLAND
C. Settle

Chain-of-Custody Record				Turn-Around Time:		
Client: EOG / Range - ENV		☐ Standard ☒ Rush		24 hr		
Mailing Address: ON		Project Name:		Ray SWD #3		
Phone #: F/LF		Project #:		5375		
email or Fax#:		Project Manager:		W. Kierdorf		
QA/QC Package:		Sampler: J. Martinez				
☐ Standard ☐ Level 4 (Full Validation)		On Ice: ☒ Yes ☐ No		mgo		
Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other		# of Coolers: 1				
☐ EDD (Type)		Cooler Temp (including CP): 5.9 ± 0.5.9		(°C)		
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
2/9/21	1030	Soil	TB - W29 B	1X402 Jar	ICE	
	1034		TB - IW16 B			
	1036		TB - IW8 B			
	1040		TB - IW15 B			
	1042		TB - IW17 B			
Date: 2/9/21		Time: 1333		Received by: [Signature]		Date: 2/9/21
Date: 2/9/21		Time: 1900		Received by: [Signature]		Date: 2/9/21

if necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: Ranger Environmental Services, Inc

Job Number: 885-16600-1

Login Number: 16600

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

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").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	True	



Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

ANALYTICAL REPORT

PREPARED FOR

Attn: Will Kierdorf
Ranger Environmental Services, Inc
7215 McNeil Drive
PO BOX 201179
Austin, Texas 78729

Generated 12/12/2024 5:53:37 PM

JOB DESCRIPTION

Roy SWD #3

JOB NUMBER

885-16613-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109



Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Authorized for release by
Andy Freeman, Business Unit Manager
andy.freeman@et.eurofinsus.com
(505)345-3975

Generated
12/12/2024 5:53:37 PM

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Laboratory Job ID: 885-16613-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	9
QC Association Summary	11
Lab Chronicle	13
Certification Summary	14
Chain of Custody	15
Receipt Checklists	16



Definitions/Glossary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-16613-1

Glossary

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

Case Narrative

Client: Ranger Environmental Services, Inc
Project: Roy SWD #3

Job ID: 885-16613-1

Job ID: 885-16613-1

Eurofins Albuquerque

Job Narrative 885-16613-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/10/2024 8:00 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 5.9°C.

Gasoline Range Organics

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

GC VOA

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

Diesel Range Organics

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.

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-16613-1

Client Sample ID: TB-W19B

Lab Sample ID: 885-16613-1

Date Collected: 12/09/24 09:40

Matrix: Solid

Date Received: 12/10/24 08:00

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.9	mg/Kg		12/10/24 09:50	12/10/24 15:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		35 - 166			12/10/24 09:50	12/10/24 15:17	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		12/10/24 09:50	12/10/24 15:17	1
Ethylbenzene	ND		0.049	mg/Kg		12/10/24 09:50	12/10/24 15:17	1
Toluene	ND		0.049	mg/Kg		12/10/24 09:50	12/10/24 15:17	1
Xylenes, Total	ND		0.099	mg/Kg		12/10/24 09:50	12/10/24 15:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		48 - 145			12/10/24 09:50	12/10/24 15:17	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	13		9.7	mg/Kg		12/10/24 16:15	12/11/24 09:40	1
Motor Oil Range Organics [C28-C40]	60		49	mg/Kg		12/10/24 16:15	12/11/24 09:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	101		62 - 134			12/10/24 16:15	12/11/24 09:40	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	570		60	mg/Kg		12/10/24 13:25	12/10/24 22:53	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-16613-1

Client Sample ID: TB-W28B

Lab Sample ID: 885-16613-2

Date Collected: 12/09/24 09:46

Matrix: Solid

Date Received: 12/10/24 08:00

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		3.8	mg/Kg		12/10/24 09:50	12/10/24 15:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		35 - 166			12/10/24 09:50	12/10/24 15:39	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019	mg/Kg		12/10/24 09:50	12/10/24 15:39	1
Ethylbenzene	ND		0.038	mg/Kg		12/10/24 09:50	12/10/24 15:39	1
Toluene	ND		0.038	mg/Kg		12/10/24 09:50	12/10/24 15:39	1
Xylenes, Total	ND		0.076	mg/Kg		12/10/24 09:50	12/10/24 15:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		48 - 145			12/10/24 09:50	12/10/24 15:39	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	12		10	mg/Kg		12/10/24 16:15	12/11/24 09:52	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		12/10/24 16:15	12/11/24 09:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	91		62 - 134			12/10/24 16:15	12/11/24 09:52	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	500		60	mg/Kg		12/10/24 13:25	12/10/24 23:03	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-16613-1

Client Sample ID: TB-W34B

Lab Sample ID: 885-16613-3

Date Collected: 12/09/24 09:48

Matrix: Solid

Date Received: 12/10/24 08:00

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.5	mg/Kg		12/10/24 09:50	12/10/24 16:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		35 - 166			12/10/24 09:50	12/10/24 16:01	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.022	mg/Kg		12/10/24 09:50	12/10/24 16:01	1
Ethylbenzene	ND		0.045	mg/Kg		12/10/24 09:50	12/10/24 16:01	1
Toluene	ND		0.045	mg/Kg		12/10/24 09:50	12/10/24 16:01	1
Xylenes, Total	ND		0.090	mg/Kg		12/10/24 09:50	12/10/24 16:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		48 - 145			12/10/24 09:50	12/10/24 16:01	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7	mg/Kg		12/10/24 16:15	12/11/24 10:04	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		12/10/24 16:15	12/11/24 10:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	103		62 - 134			12/10/24 16:15	12/11/24 10:04	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	320		60	mg/Kg		12/10/24 13:25	12/10/24 23:33	20

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-16613-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-17375/6

Matrix: Solid

Analysis Batch: 17375

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg			12/10/24 11:47	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166				12/10/24 11:47	1

Lab Sample ID: LCS 885-17391/2-A

Matrix: Solid

Analysis Batch: 17375

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17391

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	25.0	21.7		mg/Kg		87	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	188		35 - 166				

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-17376/6

Matrix: Solid

Analysis Batch: 17376

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg			12/10/24 11:47	1
Ethylbenzene	ND		0.050	mg/Kg			12/10/24 11:47	1
Toluene	ND		0.050	mg/Kg			12/10/24 11:47	1
Xylenes, Total	ND		0.10	mg/Kg			12/10/24 11:47	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		48 - 145				12/10/24 11:47	1

Lab Sample ID: LCS 885-17391/3-A

Matrix: Solid

Analysis Batch: 17376

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17391

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.935		mg/Kg		94	70 - 130
Benzene	1.00	0.935		mg/Kg		94	70 - 130
Ethylbenzene	1.00	0.959		mg/Kg		96	70 - 130
Ethylbenzene	1.00	0.959		mg/Kg		96	70 - 130
m,p-Xylene	2.00	1.93		mg/Kg		97	70 - 130
m,p-Xylene	2.00	1.93		mg/Kg		97	70 - 130
o-Xylene	1.00	0.961		mg/Kg		96	70 - 130
o-Xylene	1.00	0.961		mg/Kg		96	70 - 130
Toluene	1.00	0.943		mg/Kg		94	70 - 130
Toluene	1.00	0.943		mg/Kg		94	70 - 130
Xylenes, Total	3.00	2.89		mg/Kg		96	70 - 130

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-16613-1

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

Lab Sample ID: LCS 885-17391/3-A

Matrix: Solid

Analysis Batch: 17459

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17391

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Xylenes, Total	3.00	2.89		mg/Kg		96	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		48 - 145
4-Bromofluorobenzene (Surr)	108		48 - 145

Lab Sample ID: MB 885-17459/6

Matrix: Solid

Analysis Batch: 17459

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg			12/10/24 11:47	1
Ethylbenzene	ND		0.050	mg/Kg			12/10/24 11:47	1
Toluene	ND		0.050	mg/Kg			12/10/24 11:47	1
Xylenes, Total	ND		0.10	mg/Kg			12/10/24 11:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		48 - 145		12/10/24 11:47	1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-17419/1-A

Matrix: Solid

Analysis Batch: 17383

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17419

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0	mg/Kg		12/10/24 13:25	12/10/24 20:45	1

Lab Sample ID: LCS 885-17419/2-A

Matrix: Solid

Analysis Batch: 17383

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17419

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	30.0	29.2		mg/Kg		97	90 - 110

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-16613-1

GC VOA

Analysis Batch: 17375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16613-1	TB-W19B	Total/NA	Solid	8015M/D	17391
885-16613-2	TB-W28B	Total/NA	Solid	8015M/D	17391
885-16613-3	TB-W34B	Total/NA	Solid	8015M/D	17391
MB 885-17375/6	Method Blank	Total/NA	Solid	8015M/D	
LCS 885-17391/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	17391

Analysis Batch: 17376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16613-1	TB-W19B	Total/NA	Solid	8021B	17391
885-16613-2	TB-W28B	Total/NA	Solid	8021B	17391
885-16613-3	TB-W34B	Total/NA	Solid	8021B	17391
MB 885-17376/6	Method Blank	Total/NA	Solid	8021B	
LCS 885-17391/3-A	Lab Control Sample	Total/NA	Solid	8021B	17391

Prep Batch: 17391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16613-1	TB-W19B	Total/NA	Solid	5035	
885-16613-2	TB-W28B	Total/NA	Solid	5035	
885-16613-3	TB-W34B	Total/NA	Solid	5035	
LCS 885-17391/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-17391/3-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 17459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-17459/6	Method Blank	Total/NA	Solid	8021B	
LCS 885-17391/3-A	Lab Control Sample	Total/NA	Solid	8021B	17391

GC Semi VOA

Prep Batch: 17439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16613-1	TB-W19B	Total/NA	Solid	SHAKE	
885-16613-2	TB-W28B	Total/NA	Solid	SHAKE	
885-16613-3	TB-W34B	Total/NA	Solid	SHAKE	

Analysis Batch: 17477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16613-1	TB-W19B	Total/NA	Solid	8015M/D	17439
885-16613-2	TB-W28B	Total/NA	Solid	8015M/D	17439
885-16613-3	TB-W34B	Total/NA	Solid	8015M/D	17439

HPLC/IC

Analysis Batch: 17383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16613-1	TB-W19B	Total/NA	Solid	300.0	17419
885-16613-2	TB-W28B	Total/NA	Solid	300.0	17419
885-16613-3	TB-W34B	Total/NA	Solid	300.0	17419
MB 885-17419/1-A	Method Blank	Total/NA	Solid	300.0	17419
LCS 885-17419/2-A	Lab Control Sample	Total/NA	Solid	300.0	17419

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-16613-1

HPLC/IC

Prep Batch: 17419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16613-1	TB-W19B	Total/NA	Solid	300_Prep	
885-16613-2	TB-W28B	Total/NA	Solid	300_Prep	
885-16613-3	TB-W34B	Total/NA	Solid	300_Prep	
MB 885-17419/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-17419/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-16613-1

Client Sample ID: TB-W19B
Date Collected: 12/09/24 09:40
Date Received: 12/10/24 08:00

Lab Sample ID: 885-16613-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			17391	JP	EET ALB	12/10/24 09:50
Total/NA	Analysis	8015M/D		1	17375	AT	EET ALB	12/10/24 15:17
Total/NA	Prep	5035			17391	JP	EET ALB	12/10/24 09:50
Total/NA	Analysis	8021B		1	17376	AT	EET ALB	12/10/24 15:17
Total/NA	Prep	SHAKE			17439	MI	EET ALB	12/10/24 16:15
Total/NA	Analysis	8015M/D		1	17477	MI	EET ALB	12/11/24 09:40
Total/NA	Prep	300_Prep			17419	JT	EET ALB	12/10/24 13:25
Total/NA	Analysis	300.0		20	17383	RC	EET ALB	12/10/24 22:53

Client Sample ID: TB-W28B
Date Collected: 12/09/24 09:46
Date Received: 12/10/24 08:00

Lab Sample ID: 885-16613-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			17391	JP	EET ALB	12/10/24 09:50
Total/NA	Analysis	8015M/D		1	17375	AT	EET ALB	12/10/24 15:39
Total/NA	Prep	5035			17391	JP	EET ALB	12/10/24 09:50
Total/NA	Analysis	8021B		1	17376	AT	EET ALB	12/10/24 15:39
Total/NA	Prep	SHAKE			17439	MI	EET ALB	12/10/24 16:15
Total/NA	Analysis	8015M/D		1	17477	MI	EET ALB	12/11/24 09:52
Total/NA	Prep	300_Prep			17419	JT	EET ALB	12/10/24 13:25
Total/NA	Analysis	300.0		20	17383	RC	EET ALB	12/10/24 23:03

Client Sample ID: TB-W34B
Date Collected: 12/09/24 09:48
Date Received: 12/10/24 08:00

Lab Sample ID: 885-16613-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			17391	JP	EET ALB	12/10/24 09:50
Total/NA	Analysis	8015M/D		1	17375	AT	EET ALB	12/10/24 16:01
Total/NA	Prep	5035			17391	JP	EET ALB	12/10/24 09:50
Total/NA	Analysis	8021B		1	17376	AT	EET ALB	12/10/24 16:01
Total/NA	Prep	SHAKE			17439	MI	EET ALB	12/10/24 16:15
Total/NA	Analysis	8015M/D		1	17477	MI	EET ALB	12/11/24 10:04
Total/NA	Prep	300_Prep			17419	JT	EET ALB	12/10/24 13:25
Total/NA	Analysis	300.0		20	17383	RC	EET ALB	12/10/24 23:33

Laboratory References:
EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD #3

Job ID: 885-16613-1

Laboratory: Eurofins Albuquerque

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-25-25

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

[illegible]

 **HALL ENVIRONMENTAL
ANALYSIS LABOF**



www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87106
Tel. 505-345-3975 Fax 505-345-4107

885-16613 COC

Analysis Request

[illegible]

Remarks:	Bill to MIDLAND EOG C. Settle
----------	----------------------------------

Login Sample Receipt Checklist

Client: Ranger Environmental Services, Inc

Job Number: 885-16613-1

Login Number: 16613

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

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").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	True	



Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

ANALYTICAL REPORT

PREPARED FOR

Attn: Will Kierdorf
Ranger Environmental Services, Inc
7215 McNeil Drive
PO BOX 201179
Austin, Texas 78729

Generated 1/2/2025 11:13:41 AM

JOB DESCRIPTION

Roy SWD#3

JOB NUMBER

885-17493-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Generated
1/2/2025 11:13:41 AM

Authorized for release by
Andy Freeman, Business Unit Manager
andy.freeman@et.eurofinsus.com
(505)345-3975

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD#3

Laboratory Job ID: 885-17493-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	12
QC Association Summary	16
Lab Chronicle	18
Certification Summary	20
Chain of Custody	21
Receipt Checklists	22



Definitions/Glossary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD#3

Job ID: 885-17493-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

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

Case Narrative

Client: Ranger Environmental Services, Inc
Project: Roy SWD#3

Job ID: 885-17493-1

Job ID: 885-17493-1

Eurofins Albuquerque

Job Narrative 885-17493-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/21/2024 10:24 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

Gasoline Range Organics

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

GC VOA

Method 8021B: Surrogate above acceptable range; no matrix interference suspected. Possible delivery of twice the amount of mix from surrogate well during injection.

(885-17493-A-2-B MS)

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

Diesel Range Organics

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.

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD#3

Job ID: 885-17493-1

Client Sample ID: TB-B23B

Lab Sample ID: 885-17493-1

Date Collected: 12/19/24 09:50

Matrix: Solid

Date Received: 12/21/24 10:24

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.0	mg/Kg		12/23/24 09:00	12/23/24 11:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		35 - 166			12/23/24 09:00	12/23/24 11:17	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020	mg/Kg		12/23/24 09:00	12/23/24 11:17	1
Ethylbenzene	ND		0.040	mg/Kg		12/23/24 09:00	12/23/24 11:17	1
Toluene	ND		0.040	mg/Kg		12/23/24 09:00	12/23/24 11:17	1
Xylenes, Total	ND		0.081	mg/Kg		12/23/24 09:00	12/23/24 11:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		48 - 145			12/23/24 09:00	12/23/24 11:17	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7	mg/Kg		12/24/24 11:16	12/27/24 13:15	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		12/24/24 11:16	12/27/24 13:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	86		62 - 134			12/24/24 11:16	12/27/24 13:15	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		12/23/24 13:59	12/23/24 19:35	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD#3

Job ID: 885-17493-1

Client Sample ID: TB-IW6C

Lab Sample ID: 885-17493-2

Date Collected: 12/19/24 09:54

Matrix: Solid

Date Received: 12/21/24 10:24

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.1	mg/Kg		12/23/24 09:00	12/23/24 11:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		35 - 166			12/23/24 09:00	12/23/24 11:41	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020	mg/Kg		12/23/24 09:00	12/23/24 11:41	1
Ethylbenzene	ND		0.041	mg/Kg		12/23/24 09:00	12/23/24 11:41	1
Toluene	ND		0.041	mg/Kg		12/23/24 09:00	12/23/24 11:41	1
Xylenes, Total	ND		0.081	mg/Kg		12/23/24 09:00	12/23/24 11:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		48 - 145			12/23/24 09:00	12/23/24 11:41	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		12/24/24 11:16	12/27/24 13:26	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		12/24/24 11:16	12/27/24 13:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	93		62 - 134			12/24/24 11:16	12/27/24 13:26	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		12/23/24 13:59	12/23/24 19:44	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD#3

Job ID: 885-17493-1

Client Sample ID: TB-W37

Lab Sample ID: 885-17493-3

Date Collected: 12/19/24 09:56

Matrix: Solid

Date Received: 12/21/24 10:24

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.4	mg/Kg		12/23/24 09:00	12/23/24 12:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		35 - 166			12/23/24 09:00	12/23/24 12:05	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.027	mg/Kg		12/23/24 09:00	12/23/24 12:05	1
Ethylbenzene	ND		0.054	mg/Kg		12/23/24 09:00	12/23/24 12:05	1
Toluene	ND		0.054	mg/Kg		12/23/24 09:00	12/23/24 12:05	1
Xylenes, Total	ND		0.11	mg/Kg		12/23/24 09:00	12/23/24 12:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		48 - 145			12/23/24 09:00	12/23/24 12:05	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4	mg/Kg		12/26/24 13:30	12/27/24 13:36	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		12/26/24 13:30	12/27/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	103		62 - 134			12/26/24 13:30	12/27/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		60	mg/Kg		12/23/24 13:59	12/23/24 20:53	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD#3

Job ID: 885-17493-1

Client Sample ID: TB-W38

Lab Sample ID: 885-17493-4

Date Collected: 12/19/24 10:00

Matrix: Solid

Date Received: 12/21/24 10:24

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.7	mg/Kg		12/23/24 09:00	12/23/24 12:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		35 - 166			12/23/24 09:00	12/23/24 12:29	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		12/23/24 09:00	12/23/24 12:29	1
Ethylbenzene	ND		0.047	mg/Kg		12/23/24 09:00	12/23/24 12:29	1
Toluene	ND		0.047	mg/Kg		12/23/24 09:00	12/23/24 12:29	1
Xylenes, Total	ND		0.094	mg/Kg		12/23/24 09:00	12/23/24 12:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		48 - 145			12/23/24 09:00	12/23/24 12:29	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		12/26/24 13:30	12/27/24 13:47	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		12/26/24 13:30	12/27/24 13:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	111		62 - 134			12/26/24 13:30	12/27/24 13:47	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		12/23/24 13:59	12/23/24 21:03	20

Eurofins Albuquerque

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD#3

Job ID: 885-17493-1

Client Sample ID: TB-W39
Date Collected: 12/19/24 10:02
Date Received: 12/21/24 10:24

Lab Sample ID: 885-17493-5
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	ND		4.1	mg/Kg		12/23/24 09:00	12/23/24 12:53	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	109		35 - 166			12/23/24 09:00	12/23/24 12:53	1	

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.021	mg/Kg		12/23/24 09:00	12/23/24 12:53	1	
Ethylbenzene	ND		0.041	mg/Kg		12/23/24 09:00	12/23/24 12:53	1	
Toluene	ND		0.041	mg/Kg		12/23/24 09:00	12/23/24 12:53	1	
Xylenes, Total	ND		0.083	mg/Kg		12/23/24 09:00	12/23/24 12:53	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	109		48 - 145			12/23/24 09:00	12/23/24 12:53	1	

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		9.2	mg/Kg		12/26/24 13:30	12/27/24 13:58	1	
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		12/26/24 13:30	12/27/24 13:58	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	114		62 - 134			12/26/24 13:30	12/27/24 13:58	1	

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	ND		60	mg/Kg		12/23/24 13:59	12/23/24 21:13	20	

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD#3

Job ID: 885-17493-1

Client Sample ID: TB-W40

Lab Sample ID: 885-17493-6

Date Collected: 12/19/24 10:04

Matrix: Solid

Date Received: 12/21/24 10:24

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		4.4	mg/Kg		12/23/24 09:00	12/23/24 13:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		35 - 166			12/23/24 09:00	12/23/24 13:17	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.022	mg/Kg		12/23/24 09:00	12/23/24 13:17	1
Ethylbenzene	ND		0.044	mg/Kg		12/23/24 09:00	12/23/24 13:17	1
Toluene	ND		0.044	mg/Kg		12/23/24 09:00	12/23/24 13:17	1
Xylenes, Total	ND		0.088	mg/Kg		12/23/24 09:00	12/23/24 13:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		48 - 145			12/23/24 09:00	12/23/24 13:17	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4	mg/Kg		12/26/24 13:30	12/27/24 14:09	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		12/26/24 13:30	12/27/24 14:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			12/26/24 13:30	12/27/24 14:09	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		12/23/24 13:59	12/23/24 21:23	20

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD#3

Job ID: 885-17493-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-18331/1-A

Matrix: Solid

Analysis Batch: 18326

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18331

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		12/23/24 09:00	12/23/24 10:53	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		35 - 166			12/23/24 09:00	12/23/24 10:53	1

Lab Sample ID: LCS 885-18331/2-A

Matrix: Solid

Analysis Batch: 18326

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18331

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	25.0	21.7		mg/Kg		87	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	205		35 - 166				

Lab Sample ID: 885-17493-1 MS

Matrix: Solid

Analysis Batch: 18326

Client Sample ID: TB-B23B

Prep Type: Total/NA

Prep Batch: 18331

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	ND		20.2	19.8		mg/Kg		98	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	219		35 - 166						

Lab Sample ID: 885-17493-1 MSD

Matrix: Solid

Analysis Batch: 18326

Client Sample ID: TB-B23B

Prep Type: Total/NA

Prep Batch: 18331

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	ND		20.2	19.9		mg/Kg		98	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	222		35 - 166								

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-18331/1-A

Matrix: Solid

Analysis Batch: 18327

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18331

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		12/23/24 09:00	12/23/24 10:53	1
Ethylbenzene	ND		0.050	mg/Kg		12/23/24 09:00	12/23/24 10:53	1
Toluene	ND		0.050	mg/Kg		12/23/24 09:00	12/23/24 10:53	1

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD#3

Job ID: 885-17493-1

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

Lab Sample ID: MB 885-18331/1-A

Matrix: Solid

Analysis Batch: 18327

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18331

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.10	mg/Kg		12/23/24 09:00	12/23/24 10:53	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		48 - 145			12/23/24 09:00	12/23/24 10:53	1

Lab Sample ID: LCS 885-18331/3-A

Matrix: Solid

Analysis Batch: 18327

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18331

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.992		mg/Kg		99	70 - 130
Ethylbenzene	1.00	1.08		mg/Kg		108	70 - 130
m,p-Xylene	2.00	2.12		mg/Kg		106	70 - 130
o-Xylene	1.00	1.04		mg/Kg		104	70 - 130
Toluene	1.00	1.07		mg/Kg		107	70 - 130
Xylenes, Total	3.00	3.16		mg/Kg		105	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	107		48 - 145				

Lab Sample ID: 885-17493-2 MS

Matrix: Solid

Analysis Batch: 18327

Client Sample ID: TB-IW6C

Prep Type: Total/NA

Prep Batch: 18331

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.812	0.800		mg/Kg		98	70 - 130
Ethylbenzene	ND		0.812	0.864		mg/Kg		106	70 - 130
m,p-Xylene	ND		1.62	1.71		mg/Kg		106	70 - 130
o-Xylene	ND		0.812	0.844		mg/Kg		104	70 - 130
Toluene	ND		0.812	0.838		mg/Kg		103	70 - 130
Xylenes, Total	ND		2.44	2.56		mg/Kg		105	70 - 130
Surrogate	%Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	177	S1+	48 - 145						

Lab Sample ID: 885-17493-2 MSD

Matrix: Solid

Analysis Batch: 18327

Client Sample ID: TB-IW6C

Prep Type: Total/NA

Prep Batch: 18331

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	ND		0.812	0.785		mg/Kg		97	70 - 130	2	20
Ethylbenzene	ND		0.812	0.867		mg/Kg		107	70 - 130	0	20
m,p-Xylene	ND		1.62	1.72		mg/Kg		106	70 - 130	0	20
o-Xylene	ND		0.812	0.841		mg/Kg		104	70 - 130	0	20
Toluene	ND		0.812	0.825		mg/Kg		102	70 - 130	2	20
Xylenes, Total	ND		2.44	2.56		mg/Kg		105	70 - 130	0	20

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD#3

Job ID: 885-17493-1

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

Lab Sample ID: 885-17493-2 MSD

Matrix: Solid

Analysis Batch: 18327

Client Sample ID: TB-IW6C

Prep Type: Total/NA

Prep Batch: 18331

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		48 - 145

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-18426/1-A

Matrix: Solid

Analysis Batch: 18502

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18426

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		12/24/24 11:16	12/27/24 20:04	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		12/24/24 11:16	12/27/24 20:04	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	91		62 - 134			12/24/24 11:16	12/27/24 20:04	1

Lab Sample ID: LCS 885-18426/2-A

Matrix: Solid

Analysis Batch: 18502

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18426

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	45.0		mg/Kg		90	60 - 135
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	94		62 - 134				

Lab Sample ID: MB 885-18473/1-A

Matrix: Solid

Analysis Batch: 18502

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18473

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		12/26/24 13:30	12/27/24 16:45	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		12/26/24 13:30	12/27/24 16:45	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	102		62 - 134			12/26/24 13:30	12/27/24 16:45	1

Lab Sample ID: LCS 885-18473/2-A

Matrix: Solid

Analysis Batch: 18502

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18473

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	45.5		mg/Kg		91	60 - 135
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	90		62 - 134				

Eurofins Albuquerque

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD#3

Job ID: 885-17493-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-18349/1-A					Client Sample ID: Method Blank				
Matrix: Solid					Prep Type: Total/NA				
Analysis Batch: 18348					Prep Batch: 18349				
Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	ND		3.0	mg/Kg		12/23/24 13:59	12/23/24 19:15	1	

Lab Sample ID: LCS 885-18349/2-A					Client Sample ID: Lab Control Sample				
Matrix: Solid					Prep Type: Total/NA				
Analysis Batch: 18348					Prep Batch: 18349				
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	30.0	28.2		mg/Kg		94	90 - 110		

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD#3

Job ID: 885-17493-1

GC VOA

Analysis Batch: 18326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-17493-1	TB-B23B	Total/NA	Solid	8015M/D	18331
885-17493-2	TB-IW6C	Total/NA	Solid	8015M/D	18331
885-17493-3	TB-W37	Total/NA	Solid	8015M/D	18331
885-17493-4	TB-W38	Total/NA	Solid	8015M/D	18331
885-17493-5	TB-W39	Total/NA	Solid	8015M/D	18331
885-17493-6	TB-W40	Total/NA	Solid	8015M/D	18331
MB 885-18331/1-A	Method Blank	Total/NA	Solid	8015M/D	18331
LCS 885-18331/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	18331
885-17493-1 MS	TB-B23B	Total/NA	Solid	8015M/D	18331
885-17493-1 MSD	TB-B23B	Total/NA	Solid	8015M/D	18331

Analysis Batch: 18327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-17493-1	TB-B23B	Total/NA	Solid	8021B	18331
885-17493-2	TB-IW6C	Total/NA	Solid	8021B	18331
885-17493-3	TB-W37	Total/NA	Solid	8021B	18331
885-17493-4	TB-W38	Total/NA	Solid	8021B	18331
885-17493-5	TB-W39	Total/NA	Solid	8021B	18331
885-17493-6	TB-W40	Total/NA	Solid	8021B	18331
MB 885-18331/1-A	Method Blank	Total/NA	Solid	8021B	18331
LCS 885-18331/3-A	Lab Control Sample	Total/NA	Solid	8021B	18331
885-17493-2 MS	TB-IW6C	Total/NA	Solid	8021B	18331
885-17493-2 MSD	TB-IW6C	Total/NA	Solid	8021B	18331

Prep Batch: 18331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-17493-1	TB-B23B	Total/NA	Solid	5035	
885-17493-2	TB-IW6C	Total/NA	Solid	5035	
885-17493-3	TB-W37	Total/NA	Solid	5035	
885-17493-4	TB-W38	Total/NA	Solid	5035	
885-17493-5	TB-W39	Total/NA	Solid	5035	
885-17493-6	TB-W40	Total/NA	Solid	5035	
MB 885-18331/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-18331/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-18331/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-17493-1 MS	TB-B23B	Total/NA	Solid	5035	
885-17493-1 MSD	TB-B23B	Total/NA	Solid	5035	
885-17493-2 MS	TB-IW6C	Total/NA	Solid	5035	
885-17493-2 MSD	TB-IW6C	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 18426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-17493-1	TB-B23B	Total/NA	Solid	SHAKE	
885-17493-2	TB-IW6C	Total/NA	Solid	SHAKE	
MB 885-18426/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-18426/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Eurofins Albuquerque

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD#3

Job ID: 885-17493-1

GC Semi VOA

Prep Batch: 18473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-17493-3	TB-W37	Total/NA	Solid	SHAKE	
885-17493-4	TB-W38	Total/NA	Solid	SHAKE	
885-17493-5	TB-W39	Total/NA	Solid	SHAKE	
885-17493-6	TB-W40	Total/NA	Solid	SHAKE	
MB 885-18473/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-18473/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 18502

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-17493-1	TB-B23B	Total/NA	Solid	8015M/D	18426
885-17493-2	TB-IW6C	Total/NA	Solid	8015M/D	18426
885-17493-3	TB-W37	Total/NA	Solid	8015M/D	18473
885-17493-4	TB-W38	Total/NA	Solid	8015M/D	18473
885-17493-5	TB-W39	Total/NA	Solid	8015M/D	18473
885-17493-6	TB-W40	Total/NA	Solid	8015M/D	18473
MB 885-18426/1-A	Method Blank	Total/NA	Solid	8015M/D	18426
MB 885-18473/1-A	Method Blank	Total/NA	Solid	8015M/D	18473
LCS 885-18426/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	18426
LCS 885-18473/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	18473

HPLC/IC

Analysis Batch: 18348

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-17493-1	TB-B23B	Total/NA	Solid	300.0	18349
885-17493-2	TB-IW6C	Total/NA	Solid	300.0	18349
885-17493-3	TB-W37	Total/NA	Solid	300.0	18349
885-17493-4	TB-W38	Total/NA	Solid	300.0	18349
885-17493-5	TB-W39	Total/NA	Solid	300.0	18349
885-17493-6	TB-W40	Total/NA	Solid	300.0	18349
MB 885-18349/1-A	Method Blank	Total/NA	Solid	300.0	18349
LCS 885-18349/2-A	Lab Control Sample	Total/NA	Solid	300.0	18349

Prep Batch: 18349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-17493-1	TB-B23B	Total/NA	Solid	300_Prep	
885-17493-2	TB-IW6C	Total/NA	Solid	300_Prep	
885-17493-3	TB-W37	Total/NA	Solid	300_Prep	
885-17493-4	TB-W38	Total/NA	Solid	300_Prep	
885-17493-5	TB-W39	Total/NA	Solid	300_Prep	
885-17493-6	TB-W40	Total/NA	Solid	300_Prep	
MB 885-18349/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-18349/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD#3

Job ID: 885-17493-1

Client Sample ID: TB-B23B

Lab Sample ID: 885-17493-1

Date Collected: 12/19/24 09:50

Matrix: Solid

Date Received: 12/21/24 10:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			18331	JP	EET ALB	12/23/24 09:00
Total/NA	Analysis	8015M/D		1	18326	JP	EET ALB	12/23/24 11:17
Total/NA	Prep	5035			18331	JP	EET ALB	12/23/24 09:00
Total/NA	Analysis	8021B		1	18327	JP	EET ALB	12/23/24 11:17
Total/NA	Prep	SHAKE			18426	KR	EET ALB	12/24/24 11:16
Total/NA	Analysis	8015M/D		1	18502	EM	EET ALB	12/27/24 13:15
Total/NA	Prep	300_Prep			18349	EH	EET ALB	12/23/24 13:59
Total/NA	Analysis	300.0		20	18348	ES	EET ALB	12/23/24 19:35

Client Sample ID: TB-IW6C

Lab Sample ID: 885-17493-2

Date Collected: 12/19/24 09:54

Matrix: Solid

Date Received: 12/21/24 10:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			18331	JP	EET ALB	12/23/24 09:00
Total/NA	Analysis	8015M/D		1	18326	JP	EET ALB	12/23/24 11:41
Total/NA	Prep	5035			18331	JP	EET ALB	12/23/24 09:00
Total/NA	Analysis	8021B		1	18327	JP	EET ALB	12/23/24 11:41
Total/NA	Prep	SHAKE			18426	KR	EET ALB	12/24/24 11:16
Total/NA	Analysis	8015M/D		1	18502	EM	EET ALB	12/27/24 13:26
Total/NA	Prep	300_Prep			18349	EH	EET ALB	12/23/24 13:59
Total/NA	Analysis	300.0		20	18348	ES	EET ALB	12/23/24 19:44

Client Sample ID: TB-W37

Lab Sample ID: 885-17493-3

Date Collected: 12/19/24 09:56

Matrix: Solid

Date Received: 12/21/24 10:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			18331	JP	EET ALB	12/23/24 09:00
Total/NA	Analysis	8015M/D		1	18326	JP	EET ALB	12/23/24 12:05
Total/NA	Prep	5035			18331	JP	EET ALB	12/23/24 09:00
Total/NA	Analysis	8021B		1	18327	JP	EET ALB	12/23/24 12:05
Total/NA	Prep	SHAKE			18473	EM	EET ALB	12/26/24 13:30
Total/NA	Analysis	8015M/D		1	18502	EM	EET ALB	12/27/24 13:36
Total/NA	Prep	300_Prep			18349	EH	EET ALB	12/23/24 13:59
Total/NA	Analysis	300.0		20	18348	ES	EET ALB	12/23/24 20:53

Client Sample ID: TB-W38

Lab Sample ID: 885-17493-4

Date Collected: 12/19/24 10:00

Matrix: Solid

Date Received: 12/21/24 10:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			18331	JP	EET ALB	12/23/24 09:00
Total/NA	Analysis	8015M/D		1	18326	JP	EET ALB	12/23/24 12:29

Eurofins Albuquerque

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD#3

Job ID: 885-17493-1

Client Sample ID: TB-W38

Lab Sample ID: 885-17493-4

Date Collected: 12/19/24 10:00

Matrix: Solid

Date Received: 12/21/24 10:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			18331	JP	EET ALB	12/23/24 09:00
Total/NA	Analysis	8021B		1	18327	JP	EET ALB	12/23/24 12:29
Total/NA	Prep	SHAKE			18473	EM	EET ALB	12/26/24 13:30
Total/NA	Analysis	8015M/D		1	18502	EM	EET ALB	12/27/24 13:47
Total/NA	Prep	300_Prep			18349	EH	EET ALB	12/23/24 13:59
Total/NA	Analysis	300.0		20	18348	ES	EET ALB	12/23/24 21:03

Client Sample ID: TB-W39

Lab Sample ID: 885-17493-5

Date Collected: 12/19/24 10:02

Matrix: Solid

Date Received: 12/21/24 10:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			18331	JP	EET ALB	12/23/24 09:00
Total/NA	Analysis	8015M/D		1	18326	JP	EET ALB	12/23/24 12:53
Total/NA	Prep	5035			18331	JP	EET ALB	12/23/24 09:00
Total/NA	Analysis	8021B		1	18327	JP	EET ALB	12/23/24 12:53
Total/NA	Prep	SHAKE			18473	EM	EET ALB	12/26/24 13:30
Total/NA	Analysis	8015M/D		1	18502	EM	EET ALB	12/27/24 13:58
Total/NA	Prep	300_Prep			18349	EH	EET ALB	12/23/24 13:59
Total/NA	Analysis	300.0		20	18348	ES	EET ALB	12/23/24 21:13

Client Sample ID: TB-W40

Lab Sample ID: 885-17493-6

Date Collected: 12/19/24 10:04

Matrix: Solid

Date Received: 12/21/24 10:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			18331	JP	EET ALB	12/23/24 09:00
Total/NA	Analysis	8015M/D		1	18326	JP	EET ALB	12/23/24 13:17
Total/NA	Prep	5035			18331	JP	EET ALB	12/23/24 09:00
Total/NA	Analysis	8021B		1	18327	JP	EET ALB	12/23/24 13:17
Total/NA	Prep	SHAKE			18473	EM	EET ALB	12/26/24 13:30
Total/NA	Analysis	8015M/D		1	18502	EM	EET ALB	12/27/24 14:09
Total/NA	Prep	300_Prep			18349	EH	EET ALB	12/23/24 13:59
Total/NA	Analysis	300.0		20	18348	ES	EET ALB	12/23/24 21:23

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Eurofins Albuquerque

Accreditation/Certification Summary

Client: Ranger Environmental Services, Inc
Project/Site: Roy SWD#3

Job ID: 885-17493-1

Laboratory: Eurofins Albuquerque

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-25-25

1
2
3
4
5
6
7
8
9
10
11

Login Sample Receipt Checklist

Client: Ranger Environmental Services, Inc

Job Number: 885-17493-1

Login Number: 17493

List Source: Eurofins Albuquerque

List Number: 1

Creator: Proctor, Nancy

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").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	

ATTACHMENT 3 – NMOCD CORRESPONDENCE

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Friday, June 2, 2023 10:34 AM
To: Tina Huerta <Tina_Huerta@eogresources.com>
Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 182384

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o Tina Huerta for EOG RESOURCES INC),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAB1801936658, with the following conditions:

- **The Remediation Plan is Conditionally Approved. The variance for the geosynthetic clay liner at 6 feet below ground surface is approved under the circumstance that as much contaminated soil is safely removed as possible. The excavations should be backfilled to 6 feet below surface with clean material, liner installed, and then backfilled to surface with clean material. Since the release is within 300 feet of a significant watercourse, the release will need to meet the strictest closure criteria standards. All off pad areas must contain a minimum of 4 feet non-waste containing uncontaminated, earthen material with chloride concentrations less than 600 mg/kg and less than 100 mg/kg for TPH. Samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. The variance is approved for 400 ft2 floor samples. Collect confirmation sidewall samples, representing no more than 200 ft2. A closure report will need to be completed and uploaded within 90 days.**

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,
Robert Hamlet
575-748-1283
Robert.Hamlet@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Date: August 9, 2024 at 9:11:54 AM CDT
To: James Kennedy <James_Kennedy@eogresources.com>
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 372173

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o James Kennedy for EOG RESOURCES INC).

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAB1801938858.

The sampling event is expected to take place:

When: 08/13/2024 @ 08:00

Where: P-07-19S-25E 810 FSL 660 FEL (32.6705933,-104.6177307)

Additional Information: Chase Settle 575-703-6537 chase_settle@eogresources.com

Additional Instructions: Directions to site can be provided after an email request

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
Date: August 9, 2024 at 9:16:53 AM CDT
To: James Kennedy <James_Kennedy@eogresources.com>
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 372175

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o James Kennedy for EOG RESOURCES INC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAB1834454137.

The sampling event is expected to take place:

When: 08/13/2024 @ 08:00

Where: T-07-19C-25C 0 FNL 0 FCL (32.6705933,-104.5177307)

Additional Information: Chase Settle 575-703-6537 chase_settle@eogresources.com

Additional Instructions: Directions to site can be provided after an email request

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

Sent: Wednesday, September 4, 2024 1:44 PM

To: Todd Wells <Todd_Wells@eogresources.com>

Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 380538

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o Todd Wells for EOG RESOURCES INC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAB1801936658.

The sampling event is expected to take place:

When: 09/09/2024 @ 08:00

Where: P-07-19S-25E 810 FSL 660 FEL (32.6705933,-104.5177307)

Additional Information: Sampler Information Chase Settle 575-703-6537

Additional Instructions: Driving Directions Directions to the site can be provided after an email request
Sampler Information Chase Settle 575-703-6537

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive

Santa Fe, NM 87505

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

Sent: Wednesday, September 4, 2024 1:55 PM

To: Todd Wells <Todd_Wells@eogresources.com>

Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 380553

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o Todd Wells for EOG RESOURCES INC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAB1834454137.

The sampling event is expected to take place:

When: 09/09/2024 @ 08:00

Where: P-07-19S-25E 0 FNL 0 FEL (32.6705933,-104.5177307)

Additional Information: Sampler Information Chase Settle 575-703-6537

Additional Instructions: Driving Directions Directions to the site can be provided after an email request
Sampler Information Chase Settle 575-703-6537

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

Sent: Tuesday, October 1, 2024 9:14 AM

To: James Kennedy <James_Kennedy@eogresources.com>

Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 388654

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o James Kennedy for EOG RESOURCES INC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nAB1801938658.

The sampling event is expected to take place:

When: 10/03/2024 @ 08:00

Where: P-07-19S-25E 810 FSL 860 FEL (32.6705933,-104.5177307)

Additional Information: Chase Settle 575-703-8537 chase_settle@eogresources.com

Additional Instructions: Directions to the site can be provided after an email request

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

Sent: Tuesday, October 1, 2024 9:16 AM

To: James Kennedy <James_Kennedy@egresources.com>

Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 388656

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o James Kennedy for EOG RESOURCES INC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAB1834454137.

The sampling event is expected to take place:

When: 10/03/2024 @ 08:00

Where: P-07-19S-25E 0 FNL 0 FEL (32.6705933,-104.5177307)

Additional Information: Chase Settle 575-703-6537 chase_settle@egresources.com

Additional Instructions: Directions to the site can be provided after an email request

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

Sent: Monday, October 14, 2024 3:46 PM

To: James Kennedy <James_Kennedy@eogresources.com>

Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 392521

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o James Kennedy for EOG RESOURCES INC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAB1801936658.

The sampling event is expected to take place:

When: 10/17/2024 @ 08:00

Where: P-07-19S-25E 810 FSL 660 FEL (32.6705933,-104.5177307)

Additional Information: Chase Settle 575-703-6537 chase_settle@eogresources.com

Additional Instructions: Directions to the site can be provided after an email request

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1). (a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive

Santa Fe, NM 87505

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

Sent: Monday, October 14, 2024 4:07 PM

To: James Kennedy <James_Kennedy@eogresources.com>

Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 392527

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o James Kennedy for EOG RESOURCES INC).

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAB1834464137.

The sampling event is expected to take place:

When: 10/17/2024 @ 08:00

Where: P-07-19S-25E 0 FNL 0 FEL (32.6705933,-104.5177307)

Additional Information: Chase Settle 575-703-6537 chase_settle@eogresources.com

Additional Instructions: Directions to the site can be provided after an email request

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive

Santa Fe, NM 87505

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

Sent: Tuesday, October 29, 2024 2:15 PM

To: James Kennedy <James_Kennedy@eogresources.com>

Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 396816

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o James Kennedy for EOG RESOURCES INC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAB1801938658.

The sampling event is expected to take place:

When: 11/01/2024 @ 08:00

Where: P-07-19S-25E 810 FSL 860 FEL (32.8705933,-104.5177307)

Additional Information: Chase Settle 575-703-8537

Additional Instructions: Directions to the site can be provided after an email request.

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- Failure to notify the OCD of sampling events including any changes in dateltime per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

Sent: Tuesday, October 29, 2024 2:19 PM

To: James Kennedy <James.Kennedy@eogresources.com>

Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 396821

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (o/o James Kennedy for EOG RESOURCES INC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAB1834454137.

The sampling event is expected to take place:

When: 11/01/2024 @ 08:00

Where: P-07-19S-25E 0 FNL 0 FEL (32.6705933,-104.5177307)

Additional Information: Chase Settle 575-703-6537

Additional Instructions: Directions to the site can be provided after an email request

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

Sent: Wednesday, November 20, 2024 10:14 PM

To: James Kennedy <James_Kennedy@egoresources.com>

Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 405419

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o James Kennedy for EOG RESOURCES INC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nAB1801936658.

The sampling event is expected to take place:

When: 11/25/2024 @ 08:00

Where: P-07-19S-28E 810 FSL 680 FEL (32.6705933,-104.5177307)

Additional Information: Will Kierdorf 512-335-1785

Additional Instructions: Directions to the site can be provided after an email request.

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1). (a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

Sent: Wednesday, November 20, 2024 10:23 PM

To: James Kennedy <James_Kennedy@eogresources.com>

Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 405421

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o James Kennedy for EOG RESOURCES INC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAB1834454137.

The sampling event is expected to take place:

When: 11/25/2024 @ 08:00

Where: P-07-19S-25E 0 FNL 0 FEL (32.8705933,-104.5177307)

Additional Information: Will Kierdorf 512-335-1785

Additional Instructions: Directions to the site can be provided after an email request.

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1). (a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

Sent: Wednesday, December 4, 2024 2:18 PM

To: James Kennedy <James_Kennedy@egresources.com>

Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 408579

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o James Kennedy for EOG RESOURCES INC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAB1801938658.

The sampling event is expected to take place:

When: 12/09/2024 @ 08:00

Where: P-07-19S-25E 810 FSL 680 FEL (32.6705933,-104.5177307)

Additional Information: Will Kierdorf (512)335-1785

Additional Instructions: Directions to the site can be provided after an email request

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

Sent: Wednesday, December 4, 2024 2:20 PM

To: James Kennedy <James_Kennedy@egresources.com>

Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 408582

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o James Kennedy for EOG RESOURCES INC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAB1834454137.

The sampling event is expected to take place:

When: 12/09/2024 @ 08:00

Where: P-07-19S-25E 0 FNL 0 FEL (32.6705933,-104.5177307)

Additional Information: Will Kierdorf (512)335-1785

Additional Instructions: Directions to the site can be provided after an email request

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

Sent: Tuesday, December 17, 2024 10:28 AM

To: James Kennedy <James_Kennedy@eogresources.com>

Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 412836

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o James Kennedy for EOG RESOURCES INC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nAB1801936658.

The sampling event is expected to take place:

When: 12/19/2024 @ 08:00

Where: P-07-19S-25E 810 FSL 680 FEL (32.6705933,-104.5177307)

Additional Information: Will Kierdorf (512)335-1785

Additional Instructions: Directions to the site can be provided after an email request

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

Sent: Tuesday, December 17, 2024 10:29 AM

To: James Kennedy <James_Kennedy@eogresources.com>

Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 412841

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o James Kennedy for EOG RESOURCES INC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nAB1834454137.

The sampling event is expected to take place:

When: 12/19/2024 @ 08:00

Where: P-07-19S-25E 0 FNL 0 FEL (32.6705933,-104.5177307)

Additional Information: Will Kierdorf (512)335-1785

Additional Instructions: Directions to the site can be provided after an email request

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 422886

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 422886
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1834454137
Incident Name	NAB1834454137 ROY SWD #003 @ 30-015-26562
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-26562] ROY SWD #003

Location of Release Source

Please answer all the questions in this group.

Site Name	ROY SWD #003
Date Release Discovered	11/13/2018
Surface Owner	Private

Incident Details

Please answer all the questions in this group.

Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Fitting Produced Water Released: 190 BBL Recovered: 120 BBL Lost: 70 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 2

Action 422886

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 422886
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

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	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: James Kennedy Title: Safety and Environmental Doecialist Email: James_kennedy@eogresources.com Date: 01/21/2025
--	--

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 3

Action 422886

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 422886
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 100 and 200 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between ½ and 1 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between ½ and 1 (mi.)
A wetland	Between 100 and 200 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	13000
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	12100
GRO+DRO (EPA SW-846 Method 8015M)	7100
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	08/16/2021
On what date will (or did) the final sampling or liner inspection occur	12/19/2024
On what date will (or was) the remediation complete(d)	12/19/2024
What is the estimated surface area (in square feet) that will be reclaimed	8683
What is the estimated volume (in cubic yards) that will be reclaimed	8700
What is the estimated surface area (in square feet) that will be remediated	8683
What is the estimated volume (in cubic yards) that will be remediated	8700

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 4

Action 422886

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 422886
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	GANDY MARLEY LANDFARM/LANDFILL [FEEM0112338393]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
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.	
I hereby agree and sign off to the above statement	Name: James Kennedy Title: Safety and Environmental Doecialist Email: James_kennedy@eogresources.com Date: 01/21/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 5

Action 422886

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 422886
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 6

Action 422886

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID:
	7377
	Action Number:
	422886
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	412841
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/19/2024
What was the (estimated) number of samples that were to be gathered	6
What was the sampling surface area in square feet	1200

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	8683
What was the total volume (cubic yards) remediated	8700
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	8683
What was the total volume (in cubic yards) reclaimed	8700
Summarize any additional remediation activities not included by answers (above)	Please see attached Closure report

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 (in .pdf format) 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.

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.

I hereby agree and sign off to the above statement	Name: James Kennedy Title: Safety and Environmental Doecialist Email: James_kennedy@eogresources.com Date: 01/21/2025
--	--

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 7

Action 422886

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 422886
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 422886

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 422886
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
bhall	Remediation closure approved.	1/23/2025
bhall	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	1/23/2025
bhall	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	1/23/2025
bhall	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	1/23/2025
bhall	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	1/23/2025
bhall	Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	1/23/2025