REVISED CLOSURE REQUEST

Neptune 10 State Com East CTB
Incident Number nAPP2604135535
Lea County, New Mexico
Unit H, Section 10, T24S, R33E
32.232895, -103.554771

June 16, 2026

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EOG Resources, Inc. | Midland Division
5509 Champions Drive
Midland, TX 79706

June 16, 2026

New Mexico Oil Conservation Division
New Mexico Energy, Minerals, and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Revised Closure Request
Neptune 10 State Com East CTB
Incident Number nAPP2604135535
Lea County, New Mexico

To whom it may concern:

EOG Resources, Inc. (EOG) has prepared the following *Revised Closure Request* to a *Closure Request* submitted on March 24, 2026, to document surface scraping and soil sampling activities at the Neptune 10 State Com East CTB (Site). This *Revised Closure Request* provides an update to additional confirmation sampling activities completed at the Site in response to the denial by the New Mexico Oil Conservation Division (NMOCD) of the previously submitted *Closure Request*.

On March 31, 2026, NMOCD denied the Closure Request for Incident Number nAPP2604135535 for the following reasons:

- Pursuant to 19.15.29.11.A(5)(e) NMAC, if a known release of other oil field related chemicals occurs that is not included in Table I of 19.15.29.12 NMAC, and does not include oil, gas, produced water or other fluids from the wellstream, the standards for remediation shall be as follows: (i) if the constituent appears on Table 1 of 40 C.F.R. 261.24(b), then that constituent shall be remediated according to 40 C.F.R. 261.24; (ii) if the constituent is not identified in Table 1 of 40 C.F.R. 261.24(b), but is identified in the New Mexico environment department's Risk Assessment Guidance for Site Investigations and Remediation Volumes I and II (assessment), the division will determine the appropriate Assessment Volume and remediation shall occur pursuant to the assessment." As the tank battery fire was treated with ANSUL THUNDERSTORM F-601A ATC 1%-3% ATC- AR-AFFF with an SDS Date of 23 May 2008, the OCD is requiring that all samples be analyzed for all Polyfluoroalkyl and Perfluoroalkyl Compounds (PFAS) listed in Table A-1: NMED Soil Screening Levels. The OCD will utilize Table A-1: NMED Soil Screening Levels, "CW, DAF 20" for the Closure Criteria for the constituents listed above. If samples come back above the Closure Criteria, remediation must occur pursuant to 19.15.29 NMAC. In addition, samples should be tested for diethylene glycol monobutyl ether. As this constituent is not listed in either of the above Tables, it must be remediated until it is no longer found (ND). Submit an updated remediation closure report to OCD by 6/29/2026.

Based on additional confirmation soil sampling activities described below, EOG is submitting this *Revised Closure Request*, and requesting no further action for Incident Number nAPP2604135535.

1.0 Site Description and Release Summary

The Site is located in Unit H, Section 10, Township 24 South, Range 33 East, in Lea County, New Mexico (32.232895, -103.554771) and is associated with oil and gas exploration and production operations on State Trust Land managed by the New Mexico State Land Office (SLO).

On February 9, 2026, maintenance was being performed on a circulating pump when a flash fire occurred, igniting the production tanks within the lined containment area. Initial notifications estimated that approximately 634 barrels (bbls) of crude oil and 200 bbls of produced water may have been released; however, these volumes were reported conservatively because access to the location was restricted while the fire remained active. The Jal Volunteer Fire Department responded to the incident and assisted with fire suppression efforts. Firefighters utilized ANSUL THUNDERSTORM F-601A ATC-AR-AFFF firefighting foam to help extinguish the fire and prevent further escalation of the event. The Safety Data Sheet (SDS) is included in Appendix A. Following extinguishment of the fire and subsequent site access, EOG personnel measured the tank volumes and confirmed no fluids were released from the containment area. The crude oil inventory within the affected tanks was consumed during the fire, while approximately 200 bbls of produced water remained in the tanks and was not released.

As a result of the incident, one contractor sustained a burn injury. The injured contractor received medical evaluation and treatment in accordance with company emergency response procedures. The injury was documented as part of the incident investigation.

EOG reported the release to the New Mexico Oil Conservation Division (NMOCD) via a Notification of Release (NOR) on February 10, 2026, and subsequently on an Initial C-141 Application (C-141) on March 12, 2026. The release was assigned Incident Number nAPP2604135535.

2.0 Site Characterization and Closure Criteria

The Site was characterized for applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented below.

Depth to groundwater at the Site is estimated to be between 51 feet and 100 feet below ground surface (bgs) based on the nearest groundwater well data. The closest permitted groundwater well with depth to groundwater data less than 25 years old is the New Mexico Office of the State Engineer (NMOSE) permitted soil boring C-04741 POD 1, located approximately 318 feet southwest of the Site. The soil boring was drilled to a total depth of 55 feet bgs, and no groundwater was encountered. All wells used for depth to groundwater determination are presented on Figure A included in Appendix B and the associated well records are included in Appendix C.

The closest continuously flowing or significant watercourse to the Site is a lake, located approximately 1.2 miles west of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Potential Site receptors are identified in Figures A through D included in Appendix B.

Based on the results of the Site Characterization, the following NMOCD Table I Closure Criteria (NMOCD Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 10,000 mg/kg

Based on NMOCD's additional COC requirements, the following Table A-1 NMED Soil Screening Levels, "CW,DAF 20" (NMED Closure Criteria) apply:

- Perfluorobutanesulfonate: 0.0209 mg/kg
- Perfluorobutanesulfonic Acid (PFBS): 0.0209 mg/kg
- Perfluorohexanesulfonate: 0.00139 mg/kg
- Perfluorohexanesulfonic Acid (PFHxS): 0.00139 mg/kg
- Perfluorononanoate: 0.00502 mg/kg
- Perfluorononanoic Acid (PFNA): 0.00502 mg/kg
- Perfluorooctanesulfonate: 0.000209 mg/kg
- Perfluorooctanesulfonic Acid (PFOS): 0.000209 mg/kg
- Perfluorooctanoate: 0.0183 mg/kg
- Perfluorooctanoic acid (PFOA): 0.0183 mg/kg
- Potassium perfluorobutanesulfonate: 0.0570 mg/kg
- Potassium perfluorooctanesulfonate: 0.000209 mg/kg
- Phenanthrene: 85.9 mg/kg
- Phenol: 52.3 mg/kg

- Picric Acid: 2.81 mg/kg
- Diethylene glycol monobutyl ether: Non Detect (ND)

3.0 NMSLO Cultural Resources and Biological Review

Cultural Properties Protection

Since the release occurred on the well pad, no additional cultural resource surveys were completed in connection with this release.

Biological Review

EOG personnel conducted a desktop review to establish if the Site is within an area of possible threatened, endangered, and sensitive wildlife and plant species, environmentally sensitive areas, surface waters, and sensitive soils.

- A review of the United States Fish and Wildlife Services Information for Planning and Consultation (IPaC) resources indicated there are no critical habitats at the Site. A review of the Bureau of Land Management (BLM) New Mexico Plant Wildlife Habitat maps indicated there are no potential habitats located near the Site.
- The Site is located within an area of possible range of the Lesser Prairie Chicken habitat based on a review of the SLO Candidate Conservation Agreement (CCAA) map.
- No environmentally sensitive receptors were located near the Site, as determined by the Site Characterization.
- The Natural Resources Conservation Service (NRCS) Web Soil Survey classifies the soil type at the Site as predominantly Ratliff-Wink fine sandy loams, 0 to 3 percent slopes. The Ratliff-Wink fine sandy loams is not considered a sensitive soil per the SLO guidelines.

4.0 Surface Scrape and Confirmation Soil Sampling Activities

On March 12, 2026, EOG operations were at the Site to remove the production tanks and lined containment, and complete surface scraping activities within the previous lined containment area. An area of approximately 5,400 square feet was surface scraped via heavy equipment to an approximate depth of 0.5 feet bgs.

On March 16, 2026, Carmona Resources (Carmona) personnel were at the Site to complete confirmation soil sampling activities. Following surface scraping activities, Carmona personnel collected 5-point composite confirmation soil samples representing no more than 200 square feet from the floor and sidewalls of the excavation. The 5-point composite soil samples were collected by placing five equivalent aliquots of soil into a resealable plastic bag and homogenizing the samples by thoroughly mixing. Confirmation soil samples CS-1 through CS-27 were collected from

the floor of the excavation at a depth of 0.5 feet bgs. Confirmation sidewall samples SW-1 through SW-4 were collected from the sidewall of the excavation at depths ranging from the ground surface to 0.5 feet bgs. Additionally, horizontal samples H-1 through H-4 were collected around the containment to further confirm the lateral extent of the release. The excavation extent and confirmation soil sample locations are presented on Figure 3. Photographic documentation is included in Appendix D.

The confirmation soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico, for analysis of the following chemicals of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following Standard Method SM4500.

The final excavation extent measured approximately 5,400 square feet. A total of approximately 100 cubic yards of impacted soil was removed during the excavation activities. The impacted soil was transported and properly disposed of at the Northern Delaware Basin Landfill in Jal, New Mexico. The excavation was backfilled with material purchased locally and recontoured to match pre-existing Site conditions. One representative 5-point composite sample (Capone Pit) was collected from the caliche pit where the backfill material was purchased on December 22, 2025. The backfill soil sample was transported under strict chain-of-custody procedures to Cardinal.

5.0 Laboratory Analytical Results

Laboratory analytical results for confirmation soil samples CS-1 through CS-27 indicated all COCs were in compliance with the NMOCD Closure Criteria. Laboratory analytical results for confirmation soil samples SW-1 through SW-4 and H-1 through H-4 indicated all COCs were in compliance with the most stringent NMOCD Table I Closure Criteria, successfully defining the lateral extent of the release. Laboratory analytical results for backfill soil sample (Capone Pit) confirmed compliance with the reclamation requirements. Laboratory analytical results are summarized in Table 1, and the complete laboratory analytical reports are included as Appendix E.

6.0 Additional Confirmation Sampling Activities

On March 31, 2026, Carmona personnel were at the Site to complete additional confirmation sampling activities in response to NMOCD's denial. Carmona personnel re-collected 5-point composite confirmation soil samples representing no more than 200 square feet from the floor and sidewalls of the excavation. The 5-point composite soil samples were collected by placing five equivalent aliquots of soil into a resealable plastic bag and homogenizing the samples by thoroughly mixing. Confirmation soil samples CS-1 through CS-27 were re-collected from the floor of the excavation at a depth of 0.5 feet bgs. Confirmation sidewall samples SW-1 through SW-4 were re-collected from the sidewall of the excavation at depths ranging from the ground surface

to 0.5 feet bgs. Additionally, horizontal samples H-1 through H-4 were re-collected around the containment to further confirm the lateral extent of the release. The excavation extent and confirmation soil sample locations are presented on Figure 3.

The confirmation soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Eurofins Laboratory (Eurofins) in Midland, Texas, for analysis of polyfluoroalkyl and perfluoroalkyl compounds (PFAS) and diethylene glycol monobutyl.

7.0 Laboratory Analytical Results

Laboratory analytical results for confirmation soil samples CS-1 through CS-27, SW-1 through SW-4, and H-1 through H-4 indicated all COCs were in compliance with the NMED Closure Criteria. Laboratory analytical results are summarized in Table 2, and the complete laboratory analytical reports are included as Appendix E.

8.0 Conclusions

Surface scrape activities were conducted at the Site to address the February 9, 2026, flash fire. Laboratory analytical results for all confirmation soil samples collected from the final excavation extent indicated that all COCs were compliant with the NMOCD Closure Criteria and the NMED Closure Criteria. Based on the soil sample analytical results, no further remediation was required. The excavation was backfilled with material purchased locally and the Site recontoured to match pre-existing Site conditions.

Excavation of impacted soil has mitigated impacts at this Site. Depth to groundwater has been estimated to be between 51 feet and 100 feet bgs and no other sensitive receptors were identified near the Site. EOG believes these remedial actions are protective of human health, the environment, and groundwater. As such, EOG respectfully requests closure for Incident Number nAPP2604135535.

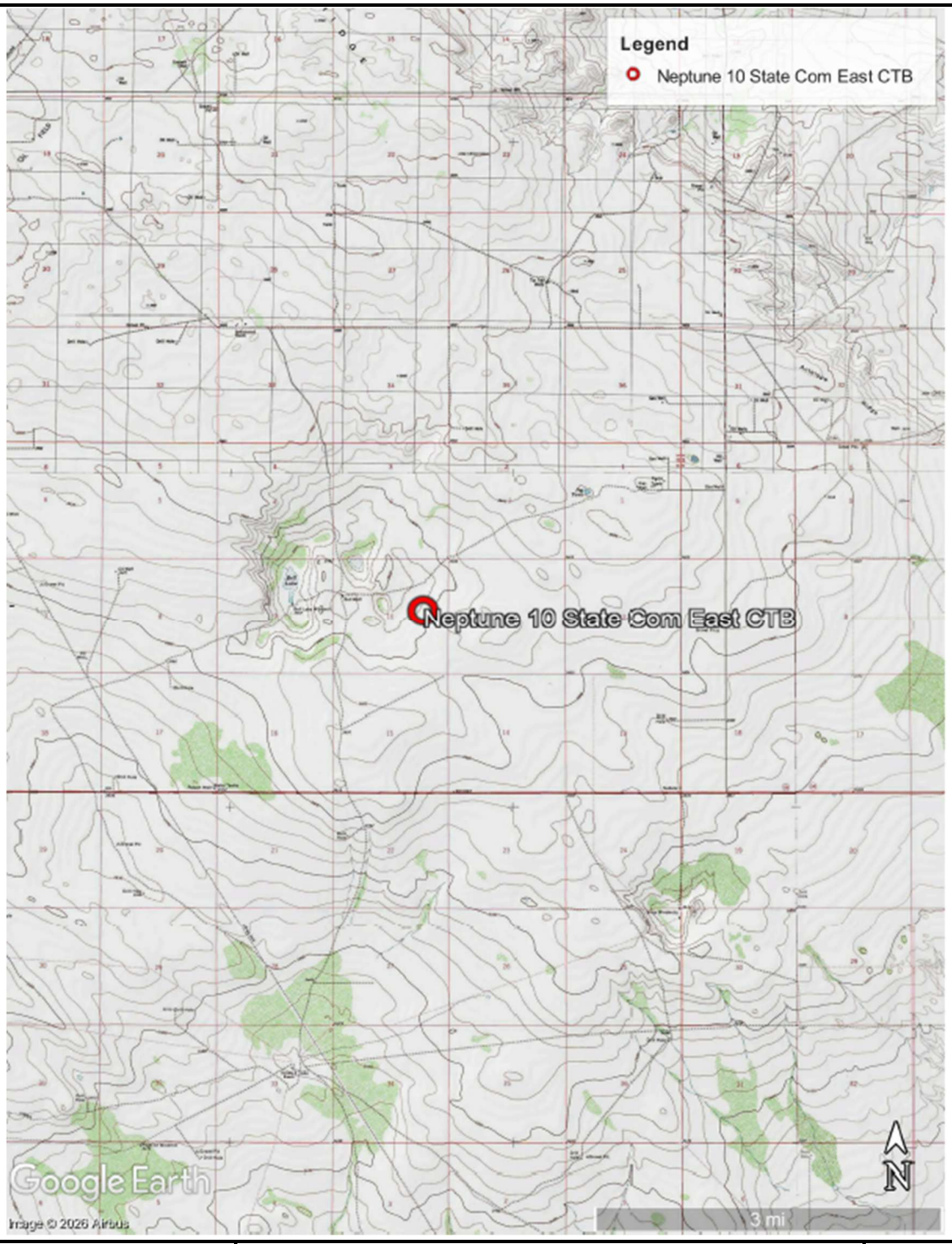
If you have any questions or comments, please contact the undersigned.

Sincerely,
EOG Resources, Inc.

Hadlie Stout

Hadlie Stout
(346) 324-7612
Hadlie_stout@eogresources.com
Environmental Representative II
cc: SLO

FIGURES



eog resources	**Site Location Map** EOG Resources, Inc. Neptune 10 State Com East CTB Incident Number nAPP2604135535 Unit H, Section 10, T24S, R33E Lea County, New Mexico	**FIGURE 1**

eog resources	**Site Vicinity Map** EOG Resources, Inc. Neptune 10 State Com East CTB Incident Number nAPP2604135535 Unit H, Section 10, T24S, R33E Lea County, New Mexico	**FIGURE 2**

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Confirmation Sampling Map

EOG Resources
Neptune 10 State Com East CTB
Lea County, New Mexico
32.232698°, -103.555319°

Legend

- 0.5' Excavation
- Cofirmation Floor Sample
- Former Tank Battery Containment Boundaries
- Horizontal Samples
- Sidewall Sample

H-3
SW-3
CS-9
CS-7
CS-5
CS-3
CS-1
CS-8
CS-6
CS-4
CS-2
H-4
CS-18
CS-16
CS-14
CS-12
CS-10
CS-17
CS-15
CS-13
CS-11
SW-4
SW-2
H-2
CS-27
CS-25
CS-23
CS-21
CS-19
CS-26
CS-24
CS-22
CS-20
SW-1
H-1

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30 ft

TABLES

Table 1
EOG Resources
Neptune 10 State Com East CTB
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO							
CS-1	3/16/2026	0.5'	<10.0	54.5	<10.0	54.5	<0.050	<0.050	<0.050	<0.150	<0.300	640
CS-2	3/16/2026	0.5'	<10.0	282	45.6	327.6	<0.050	<0.050	<0.050	<0.150	<0.300	1,950
CS-3	3/16/2026	0.5'	<10.0	89.3	<10.0	89.3	<0.050	<0.050	<0.050	<0.150	<0.300	1,360
CS-4	3/16/2026	0.5'	<10.0	168	27.5	195.5	<0.050	<0.050	<0.050	<0.150	<0.300	672
CS-5	3/16/2026	0.5'	<10.0	71.4	<10.0	71.4	<0.050	<0.050	<0.050	<0.150	<0.300	512
CS-6	3/16/2026	0.5'	<10.0	192	27.7	219.7	<0.050	<0.050	<0.050	<0.150	<0.300	2,400
CS-7	3/16/2026	0.5'	<10.0	113	13.5	126.5	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-8	3/16/2026	0.5'	<10.0	193	29.8	222.8	<0.050	<0.050	<0.050	<0.150	<0.300	640
CS-9	3/16/2026	0.5'	<10.0	92.6	<10.0	92.6	<0.050	<0.050	<0.050	<0.150	<0.300	416
CS-10	3/16/2026	0.5'	<10.0	322	51.2	373.2	<0.050	<0.050	<0.050	<0.150	<0.300	976
CS-11	3/16/2026	0.5'	<10.0	236	36.6	272.6	<0.050	<0.050	<0.050	<0.150	<0.300	1,540
CS-12	3/16/2026	0.5'	<10.0	336	54.5	390.5	<0.050	<0.050	<0.050	<0.150	<0.300	448
CS-13	3/16/2026	0.5'	<10.0	72.4	<10.0	72.4	<0.050	<0.050	<0.050	<0.150	<0.300	1,070
CS-14	3/16/2026	0.5'	<10.0	319	52.7	371.7	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-15	12/22/2025	0.5'	<10.0	64.3	<10.0	64.3	<0.050	<0.050	<0.050	<0.150	<0.300	1,300
CS-16	3/16/2026	0.5'	<10.0	230	37.3	267.3	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-17	3/16/2026	0.5'	<10.0	55.4	<10.0	55.4	<0.050	<0.050	<0.050	<0.150	<0.300	768
CS-18	3/16/2026	0.5'	<10.0	374	61	435	<0.050	<0.050	<0.050	<0.150	<0.300	528
CS-19	3/16/2026	0.5'	<10.0	97.3	11.1	108.4	<0.050	<0.050	<0.050	<0.150	<0.300	1,420
CS-20	3/16/2026	0.5'	<10.0	373	64.1	437.1	<0.050	<0.050	<0.050	<0.150	<0.300	1,820
CS-21	3/16/2026	0.5'	<10.0	92.1	11.2	103.3	<0.050	<0.050	<0.050	<0.150	<0.300	1,040
CS-22	3/16/2026	0.5'	<10.0	339	64.2	403.2	<0.050	<0.050	<0.050	<0.150	<0.300	800
CS-23	3/16/2026	0.5'	<10.0	111	11.6	122.6	<0.050	<0.050	<0.050	<0.150	<0.300	1,200
CS-24	3/16/2026	0.5'	<10.0	248	46.5	294.5	<0.050	<0.050	<0.050	<0.150	<0.300	1,060
CS-25	3/16/2026	0.5'	<10.0	261	44.9	305.9	<0.050	<0.050	<0.050	<0.150	<0.300	416
CS-26	3/16/2026	0.5'	<10.0	290	47.5	337.5	<0.050	<0.050	<0.050	<0.150	<0.300	1,330
CS-27	3/16/2026	0.5'	<10.0	76.8	<10.0	76.8	<0.050	<0.050	<0.050	<0.150	<0.300	992
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH- Total Petroleum Hydrocarbons
ft-feet
(CS) - Confirmation Sample

Table 1
EOG Resources
Neptune 10 State Com East CTB
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-1	3/16/2026	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-2	3/16/2026	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-3	3/16/2026	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-4	3/16/2026	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-1	3/16/2026	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-2	3/16/2026	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-3	3/16/2026	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-4	3/16/2026	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
Capone Pit	12/22/2025	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
Regulatory Criteria [A]						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH- Total Petroleum Hydrocarbons
ft-feet
(H) - Horizontal Sample
(SW) - Sidewall Sample

TABLE 2
NMED SOIL SAMPLE ANALYTICAL RESULTS
Neptune 10 State Com East CTB
EOG Resources, Inc.
Lea County, New Mexico

Sample ID	Sample Date	Sample Depth (feet bgs)	Perfluorobutanesulfonate (mg/kg)	Perfluorobutanesulfonic Acid (PFBS) (mg/kg)	Perfluorohexanesulfonate (mg/kg)	Perfluorohexanesulfonic acid (PFHxS) (mg/kg)	Perfluorononanoate (mg/kg)	Perfluorononanoic acid (PFNA) (mg/kg)	Perfluorooctanesulfonate (mg/kg)	Perfluorooctanesulfonic acid (PFOS) (mg/kg)	Perfluorooctanoate (mg/kg)	Perfluorooctanoic acid (PFOA) (mg/kg)	Potassium perfluorobutanesulfonate (mg/kg)	Potassium perfluorooctanesulfonate (mg/kg)	Phenanthrene (mg/kg)	Phenol (mg/kg)	Picric Acid (2,4,6-Trinitrophenol) (mg/kg)	Diethylene glycol monobutyl ether (mg/kg)
Table A-1: NMED Soil Screening Levels, "CW,DAF 20"			0.0209	0.0209	0.00139	0.00139	0.00502	0.00502	0.000209	0.000209	0.0183	0.0183	0.0570	0.000209	85.9	52.3	2.81	ND
Excavation Soil Samples																		
CS-1	03/31/2026	0.5	<0.203	<0.203	<0.203	<0.203	<0.203	<0.203	<0.203	<0.203	<0.203	<0.203	<0.203	<0.203	<0.00928	<0.0186	<0.195	<25.0
CS-2	03/31/2026	0.5	<0.193	<0.193	<0.193	<0.193	<0.193	<0.193	<0.193	<0.193	<0.193	<0.193	<0.193	<0.193	<0.00921	<0.0184	<0.194	<24.8
CS-3	03/31/2026	0.5	<0.202	<0.202	<0.202	<0.202	<0.202	<0.202	<0.202	<0.202	<0.202	<0.202	<0.202	<0.202	<0.00893	<0.0179	<0.198	<24.8
CS-4	03/31/2026	0.5	<0.202	<0.202	<0.202	<0.202	<0.202	<0.202	<0.202	<0.202	<0.202	<0.202	<0.202	<0.202	0.0121	<0.0192	<0.188	<25.0
CS-5	03/31/2026	0.5	<0.198	<0.198	<0.198	<0.198	<0.198	<0.198	<0.198	<0.198	<0.198	<0.198	<0.198	<0.198	0.0148	<0.0168	<0.184	<24.5
CS-6	03/31/2026	0.5	<0.195	<0.195	<0.195	<0.195	<0.195	<0.195	<0.195	<0.195	<0.195	<0.195	<0.195	<0.195	<0.00940	<0.0188	<0.188	<25.0
CS-7	03/31/2026	0.5	<0.189	<0.189	<0.189	<0.189	<0.189	<0.189	<0.189	<0.189	<0.189	<0.189	<0.189	<0.189	<0.00874	<0.0175	<0.199	<24.5
CS-8	03/31/2026	0.5	<0.193	<0.193	<0.193	<0.193	<0.193	<0.193	<0.193	<0.193	<0.193	<0.193	<0.193	<0.193	<0.00942	<0.0188	<0.200	<25.0
CS-9	03/31/2026	0.5	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.00960	<0.0192	<0.198	<24.0
CS-10	03/31/2026	0.5	<0.196	<0.196	<0.196	<0.196	<0.196	<0.196	<0.196	<0.196	<0.196	<0.196	<0.196	<0.196	<0.00887	<0.0177	<0.193	<25.0
CS-11	03/31/2026	0.5	<0.191	<0.191	<0.191	<0.191	<0.191	<0.191	<0.191	<0.191	<0.191	<0.191	<0.191	<0.191	<0.00874	<0.0175	<0.190	<25.0
CS-12	03/31/2026	0.5	<0.194	<0.194	<0.194	<0.194	<0.194	<0.194	<0.194	<0.194	<0.194	<0.194	<0.194	<0.194	<0.00986	<0.0197	<0.183	<24.3
CS-13	03/31/2026	0.5	<0.196	<0.196	<0.196	<0.196	<0.196	<0.196	<0.196	<0.196	<0.196	<0.196	<0.196	<0.196	<0.00893	<0.0179	<0.186	<24.8
CS-14	03/31/2026	0.5	<0.195	<0.195	<0.195	<0.195	<0.195	<0.195	<0.195	<0.195	<0.195	<0.195	<0.195	<0.195	<0.00899	<0.0180	<0.195	<23.8
CS-15	03/31/2026	0.5	<0.191	<0.191	<0.191	<0.191	<0.191	<0.191	<0.191	<0.191	<0.191	<0.191	<0.191	<0.191	0.0308	<0.0182	<0.190	<24.0
CS-16	03/31/2026	0.5	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.00952	<0.0190	<0.196	<24.5
CS-17	03/31/2026	0.5	<0.197	<0.197	<0.197	<0.197	<0.197	<0.197	<0.197	<0.197	<0.197	<0.197	<0.197	<0.197	<0.00912	<0.0182	<0.194	<25.0
CS-18	03/31/2026	0.5	<0.199	<0.199	<0.199	<0.199	<0.199	<0.199	<0.199	<0.199	<0.199	<0.199	<0.199	<0.199	<0.00933	<0.0187	<0.191	<24.5
CS-19	03/31/2026	0.5	<0.195	<0.195	<0.195	<0.195	<0.195	<0.195	<0.195	<0.195	<0.195	<0.195	<0.195	<0.195	<0.00958	<0.0192	<0.199	<24.0
CS-20	03/31/2026	0.5	<0.198	<0.198	<0.198	<0.198	<0.198	<0.198	<0.198	<0.198	<0.198	<0.198	<0.198	<0.198	<0.00980	<0.0196	<0.195	<24.6
CS-21	03/31/2026	0.5	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.00862	<0.0172	<0.195	<24.1
CS-22	03/31/2026	0.5	<0.197	<0.197	<0.197	<0.197	<0.197	<0.197	<0.197	<0.197	<0.197	<0.197	<0.197	<0.197	<0.00894	<0.0179	<0.185	<24.4
CS-23	03/31/2026	0.5	<0.196	<0.196	<0.196	<0.196	<0.196	<0.196	<0.196	<0.196	<0.196	<0.196	<0.196	<0.196	<0.00954	<0.0191	<0.199	<25.0
CS-24	03/31/2026	0.5	<0.198	<0.198	<0.198	<0.198	<0.198	<0.198	<0.198	<0.198	<0.198	<0.198	<0.198	<0.198	<0.00936	<0.0187	<0.192	<23.8
CS-25	03/31/2026	0.5	<0.194	<0.194	<0.194	<0.194	<0.194	<0.194	<0.194	<0.194	<0.194	<0.194	<0.194	<0.194	<0.00916	<0.0183	<0.197	<24.9
CS-26	03/31/2026	0.5	<0.199	<0.199	<0.199	<0.199	<0.199	<0.199	<0.199	<0.199	<0.199	<0.199	<0.199	<0.199	<0.00899	<0.0180	<0.192	<24.5
CS-27	03/31/2026	0.5	<0.196	<0.196	<0.196	<0.196	<0.196	<0.196	<0.196	<0.196	<0.196	<0.196	<0.196	<0.196	<0.00883	<0.0177	<0.188	<23.8
SW-1	03/31/2026	0 - 0.5	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.00931	<0.0186	<0.194	<25.0
SW-2	03/31/2026	0 - 0.5	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.00856	<0.0171	<0.190	<24.0
SW-3	03/31/2026	0 - 0.5	<0.197	<0.197	<0.197	<0.197	<0.197	<0.197	<0.197	<0.197	<0.197	<0.197	<0.197	<0.197	<0.00962	<0.0192	<0.192	<24.8
SW-4	03/31/2026	0 - 0.5	<0.194	<0.194	<0.194	<0.194	<0.194	<0.194	<0.194	<0.194	<0.194	<0.194	<0.194	<0.194	<0.00928	<0.0186	<0.193	<24.6
Horizontal Soil Samples																		
H-1	03/31/2026	0.5	<0.199	<0.199	<0.199	<0.199	<0.199	<0.199	<0.199	<0.199	<0.199	<0.199	<0.199	<0.199	<0.00853	<0.0171	<0.188	<25.0
H-2	03/31/2026	0.5	<0.193	<0.193	<0.193	<0.193	<0.193	<0.193	<0.193	<0.193	<0.193	<0.193	<0.193	<0.193	<0.00883	<0.0177	<0.190	<24.5
H-3	03/31/2026	0.5	<0.194	<0.194	<0.194	<0.194	<0.194	<0.194	<0.194	<0.194	<0.194	<0.194	<0.194	<0.194	<0.00982	<0.0196	<0.194	<24.4
H-4	03/31/2026	0.5	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.00877	<0.0175	<0.186	<25.0

bgs - below ground surface
mg/kg - milligrams per killogram
ND - Non Detect
NMED - New Mexico Environment Department
*Concentrations in **bold** exceed the NMED requirement*

APPENDIX A

Safety Data Sheet

SAFETY DATA SHEET

PRODUCT NAME **ANSUL THUNDERSTORM F-601A ATC 1%-3% ATC- AR-AFFF**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name **WORMALD NZ LTD**

Address 8 Henderson Place
Onehunga
Auckland 1061

Private Bag 93011
New Lynn
Auckland 0640

Telephone Number +64 9 6350755
Fax +64 9 2592485
Emergency 0800 243 622 [0800CHEMCALL]

Synonym(s) F-601A • THUNDERSTORM® ATC AR/AFFF • THUNDERSTORM ATC F-601A

Use(s) FIRE EXTINGUISHING AGENT

SDS Date 23 May 2008

2. HAZARDS IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO HAZARDOUS SUBSTANCES (CLASSIFICATION) REGULATIONS 2001

HAZARD CLASSIFICATION

6.9B Substances that are harmful to human target organs or systems.

HAZARD STATEMENTS

H371 May cause damage to organs

PRECAUTIONARY STATEMENTS

P103 Read label before use.
P104 Read Safety Data Sheet before use.*.
P260 Do not breathe dust/fume/gas/mist/vapours/spray
P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P309 + P311 IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS No.	Content
DIETHYLENE GLYCOL MONOBUTYL ETHER	112-34-5	12%
WATER	7732-18-5	65-75%
NON HAZARDOUS INGREDIENTS	Not Available	15-25%

4. FIRST AID MEASURES

Eye If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the PIC or a doctor, or for at least 15 minutes.

Inhalation If inhaled, remove from contaminated area. To protect rescuer, use an Air-line respirator where an inhalation risk exists. Apply artificial respiration if not breathing.

Skin If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a doctor.

Ingestion For advice, contact a Poisons Information Centre or a doctor (at once). If swallowed, do not induce vomiting.

Medical Advice Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flammability Non flammable. May evolve toxic gases (hydrocarbons, carbon oxides) when heated to decomposition.

Fire and Explosion Non flammable. Treat as per requirements for Surrounding Fires: Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

Extinguishing Extinguishing agent.

Hazchem Code None Allocated

6. ACCIDENTAL RELEASE MEASURES

Spillage If spilt, absorb with sand or similar. Wear splash-proof goggles, PVC/rubber gloves, coveralls and rubber boots. Collect and place in sealable containers for disposal. Caution: Spill site may be slippery.

7. STORAGE AND HANDLING

Storage Store in an area designated for fire extinguishers. Signs should indicate fire extinguisher location. Extinguishers should be kept cool and dry and should not come into contact with any chemicals. Inspect regularly to ensure extinguishers are in good working order. Also store removed from reactive metals, electrically energised equipment and any material reactive with water.

Handling Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Stds

Ingredient	Reference	TWA		STEL	
		ppm	mg/m3	ppm	mg/m3
Diethylene Glycol Monobutyl Ether	OSH (NZ)	10.0	67.5	15.0	101.2

Engineering Controls Do not inhale vapours/fumes/smoke. When handling this product, maintain adequate natural ventilation where practicable. In a fire situation, ventilation may be difficult to control. Contact emergency personnel.

PPE Wear splash-proof goggles and rubber or PVC gloves. In fire situations wear a Self Contained Breathing Apparatus (SCBA) and appropriate fire fighting equipment. When using large quantities or where heavy contamination is likely, wear coveralls. Where an inhalation risk exists, wear a Type A-Class P1 (Organic gases/vapours and Particulate) Respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	OPAQUE PURPLE GELLED LIQUID	**Solubility (water)**	SOLUBLE
Odour	MILD SWEET ODOUR	**Specific Gravity**	NOT AVAILABLE
pH	7.5 to 8.5	**% Volatiles**	NOT AVAILABLE
Vapour Pressure	NOT AVAILABLE	**Flammability**	NON FLAMMABLE
Vapour Density	NOT AVAILABLE	**Flash Point**	NOT RELEVANT
Boiling Point	> 99°C	**Upper Explosion Limit**	NOT RELEVANT
Melting Point	NOT AVAILABLE	**Lower Explosion Limit**	NOT RELEVANT
Evaporation Rate	NOT AVAILABLE	**Autoignition Temperature**	NOT AVAILABLE
Density	1.025 - 1.035		

10. STABILITY AND REACTIVITY

Stability Stable under recommended conditions of storage.

Conditions to Avoid No known conditions to avoid

Material to Avoid Incompatible with oxidising agents (eg. hypochlorites, peroxides) and acids (eg. sulphuric acid). Also incompatible with reactive metals (eg. potassium), electrically energised equipment and any material reactive with water.

Decomposition May evolve toxic gases (hydrocarbons, carbon oxides) when heated to decomposition.

Polymerization Polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary Low toxicity - Irritant. This product has the potential to cause adverse acute and chronic health effects with over exposure, however given product dilution and application over exposure is not anticipated with normal use. Chronic over exposure to some glycols may result in kidney, liver and nerve damage.

Eye Irritant. Contact may result in irritation, lacrimation, pain and redness.

Inhalation Low irritant. Over exposure at high levels may result in mucous membrane irritation of the nose and throat with coughing. Under extreme temperatures in a fire situation toxic by-products associated with this extinguishing agent and surrounding materials may also be generated.

Skin Low irritant. Prolonged or repeated contact may result in mild irritation, rash and dermatitis.

Ingestion Low to moderate toxicity. Ingestion may result in gastrointestinal irritation, nausea, vomiting, headache, abdominal pain and diarrhoea. However, due to product form ingestion is considered unlikely. Maintain good personal hygiene standards.

Toxicity Data DIETHYLENE GLYCOL MONOBUTYL ETHER (112-34-5)
LD50 (Ingestion): 2000 mg/kg (guinea pig)
LD50 (Skin): 2700 mg/kg (rabbit)

12. ECOLOGICAL INFORMATION

Environment Limited ecotoxicity data was available for this product at the time this report was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment.

Ecotoxicity Diethylene glycol monobutyl ether: Fish LC50 (96hrs) = 1,300 mg/L (Lepomis marcrochinus); LC50 (24hrs) = 2,700 mg/L (Carrassius auratus).

Persistence / Degradability Diethylene glycol monobutyl ether: Indirect photodegradation is about 50% in 3.5 hours. Aerobic degradation with adapted sludge is 60% after 28 days. COD = 2080 mg/g substance. BOD5 = 250 mg O2/g substance. Theoretical oxygen demand = 2.17 mg/mg. Should not bioaccumulate - estimated bioaccumulation factor (log BCF) = 0.46.

Mobility Diethylene glycol monobutyl ether: Should not partition from a water column to organic matter contained in sediments and suspended solids.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Export the substance from New Zealand as waste ; or Treat the substance so that it is no longer a hazardous substance ; or Discharge the substance into the environment so that, after reasonable mixing, the concentration of the substance in an environmental medium does not exceed any relevant tolerable exposure limit and/or environmental exposure limit set for the substance or any of its components.

Legislation Dispose of in accordance with local government legislation.

14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD ACCORDING TO LAND TRANSPORT RULE: DANGEROUS GOODS 2005 NZS 5433:2007, UN, IMDG OR IATA

Shipping Name	None Allocated				
UN No.	None Allocated	**DG Class**	None Allocated	**Subsidiary Risk(s)**	None Allocated
Pkg Group	None Allocated	**Hazchem Code**	None Allocated	**EPG**	None Allocated

15. REGULATORY INFORMATION

Approval Code HSR002573

Group Name Fire Fighting Chemicals Group Standard 2006

HSNO Controls **Refer to the ERMA website for more information: www.ermanz.govt.nz**

16. OTHER INFORMATION

Additional Information

ABBREVIATIONS:
ADB - Air-Dry Basis.
BEI - Biological Exposure Indice(s)
CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.
CNS - Central Nervous System.
EINECS - European INventory of Existing Commercial chemical Substances.
IARC - International Agency for Research on Cancer.
M - moles per litre, a unit of concentration.
mg/m3 - Milligrams per cubic metre.
NOS - Not Otherwise Specified.
NTP - National Toxicology Program.
OSHA - Occupational Safety and Health Administration.
pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).
ppm - Parts Per Million.
RTECS - Registry of Toxic Effects of Chemical Substances.
TWA/ES - Time Weighted Average or Exposure Standard.

HEALTH EFFECTS FROM EXPOSURE:
It should be noted that the effects from exposure to this product will depend on several factors including: frequency
and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Chem Alert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:
The recommendation for protective equipment contained within this SDS report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

Report Status

This document has been compiled by RMT on behalf of the manufacturer of the product and serves as the manufacturer's Safety Data Sheet ('SDS').

It is based on information concerning the product which has been provided to RMT by the manufacturer or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer.

While RMT has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, RMT accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

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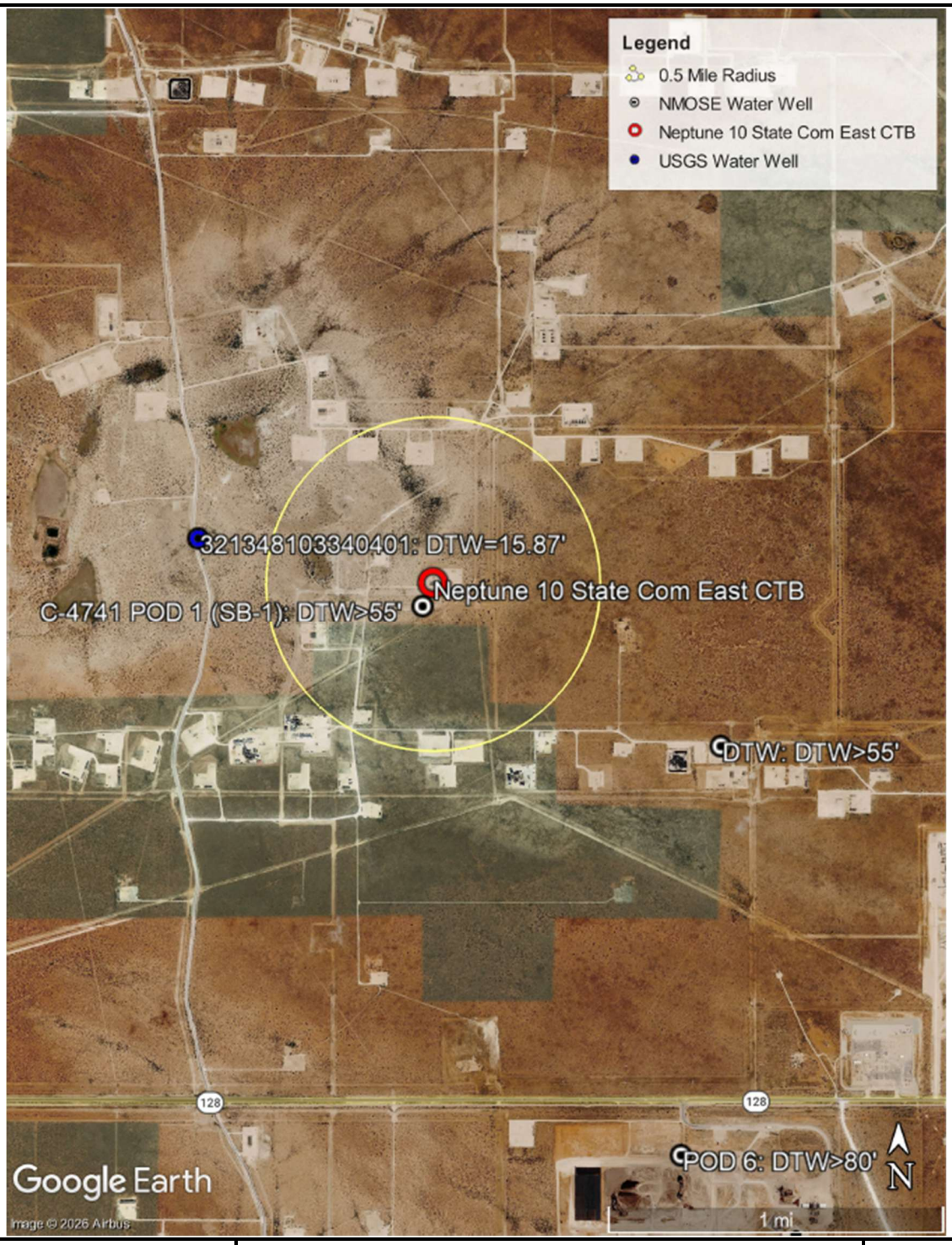
SDS Date:23 May 2008

Reviewed by Responsible Care NZ 15 August 2013

End of Report

APPENDIX B

Site Characterization and Groundwater



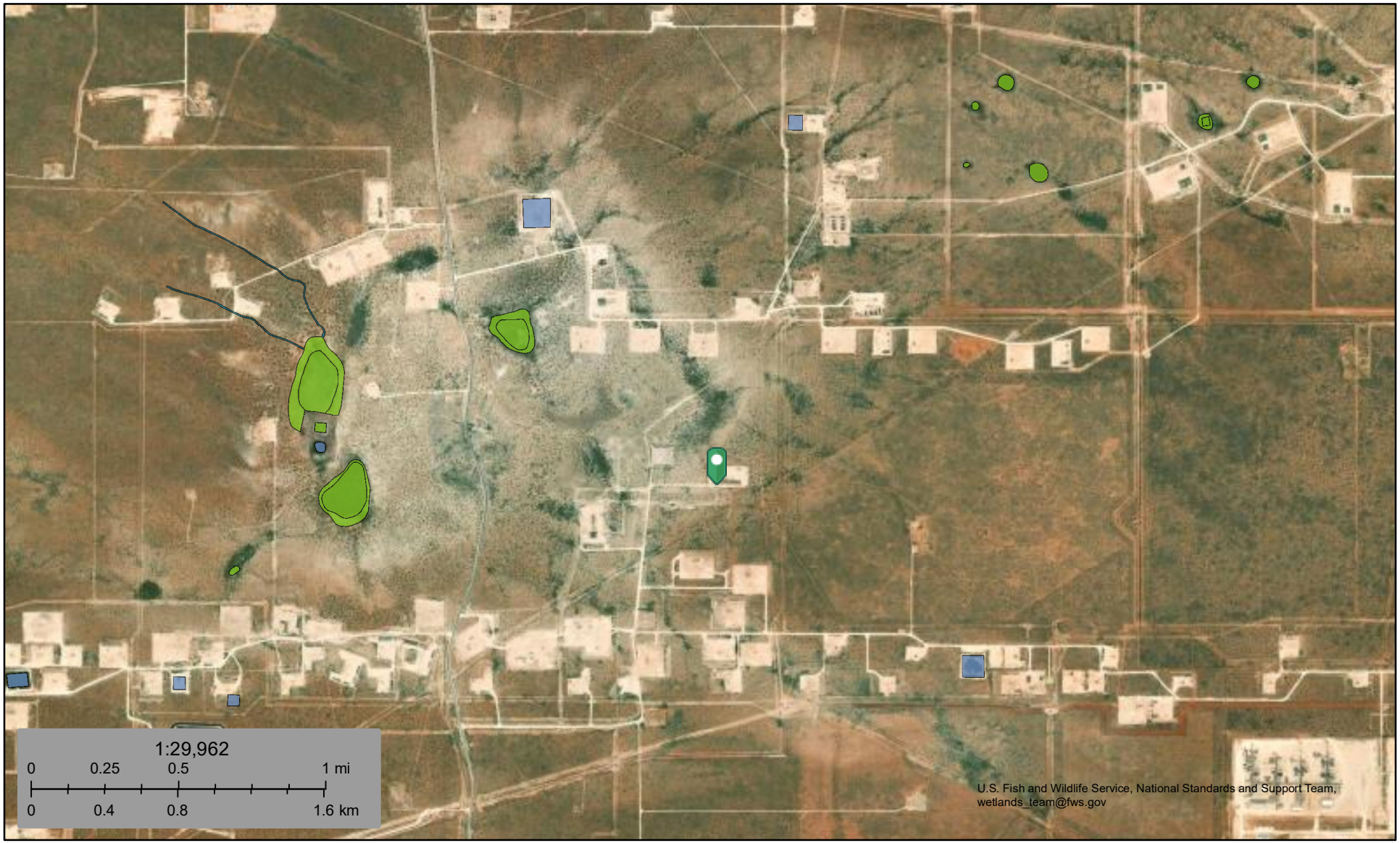
eog resources	**0.5 Mile Radius Water Well Map** EOG Resources, Inc. Neptune 10 State Com East CTB Incident Number nAPP2604135535 Unit H, Section 10, T24S, R33E Lea County, New Mexico	**FIGURE A**

Received by OCD: 6/16/2026 1:56:02 PM

U.S. Fish and Wildlife Service

National Wetlands Inventory

Figure B: National Wetlands Inventory Map



March 4, 2026

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

Released to Imaging: 6/26/2026 11:12:03 AM

Received by OCD: 6/16/2026 1:56:02 PM

Figure C: FEMA Flood Map

FEMA

103°33'37"W 32°14'13"N

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

1:6,000

103°33'W 32°13'42"N

Basemap Imagery Source: USGS National Map 2023

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

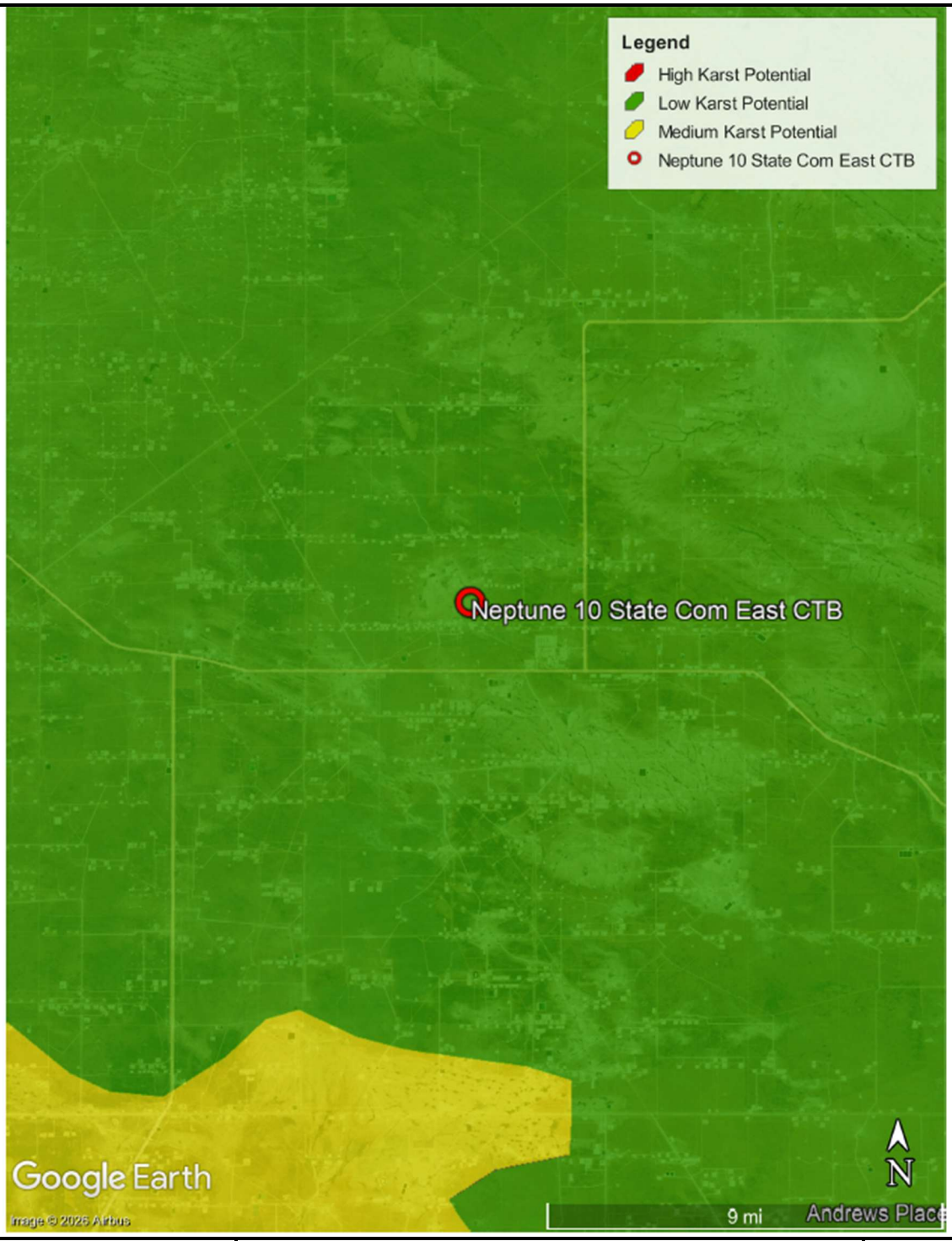
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 3/4/2026 at 3:29 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Released to Imaging: 6/26/2026 11:12:03 AM



eog resources	**Karst Potential Map** EOG Resources, Inc. Dauntless 7 Fed CTB Incident Number nAPP2534354925 Unit N, Section 07, T25S, R33E Lea County, New Mexico	**FIGURE D**

APPENDIX C

Referenced Well Records

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
C-4741 POD-1 (SB-1)		C-4741

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Plains All American	

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
1106 Griffith Drive	Midland	TX	79706

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	15	53.91	N
	LONGITUDE	103	33	20.72	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND

* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

Neptune

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1456	John W. White	White Drilling Company, Inc.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
5/8/2023	5/11/2023		55.0	

COMPLETED WELL IS:	STATIC WATER LEVEL IN COMPLETED WELL (FT)	DATE STATIC MEASURED
☐ ARTESIAN *add Centralizer info below ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)		

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY: CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)

OSE DIT JUN 15 2023 PM 1:40

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
0.0	55.0	6.0	Cement-Bentonite Slurry	10.8	Tremie Pipe

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO. C-4741	POD NO. 1	TRN NO. 746179	
LOCATION 24S.33E.10 1 2 4		WELL TAG ID NO. NA	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES **(attach supplemental sheets to fully describe all units)**	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0.0	10.0	10.0	Brown sand	Y ✓ N	
10.0	15.0	5.0	Yellow brown sand	Y ✓ N	
15.0	21.0	6.0	Light tan sand/sandstone	Y ✓ N	
21.0	26.0	5.0	Brown sand /sandstone	Y ✓ N	
26.0	43.0	17.0	Red brown silty sandy shale	Y ✓ N	
43.0	55.0	12.0	Brown/red brown mudstone	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION:

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

William B. Atkins

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

John W. White — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

6/6/2023 — DATE

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO. C-4741	POD NO. 1	TRN NO. 746179	
LOCATION 24S. 33E. 10 1 24		WELL TAG ID NO. NA	PAGE 2 OF 2

APPENDIX D

Photographic Log

Photographic Log
EOG Resources, Inc.
Neptune 10 State Com East CTB
Incident Number nAPP2604135535

Photograph: 1 Date: 2/9/2026

Description: Initial Release Discovery

Photograph: 2 Date:2/12/2026

Description: Release Extent

PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 1

Facility: Neptune 10 State Com East CTB

County: Lea County, New Mexico

Description:
View North, area of CS-1 through CS-5, CS-10 through CS-14, and CS-19 through CS-23.

Photograph No. 2

Facility: Neptune 10 State Com East CTB

County: Lea County, New Mexico

Description:
View North, area of CS-6 through CS-9, CS-15 through CS-18, and CS-24 through CS-27.

Photograph No. 3

Facility: Neptune 10 State Com East CTB

County: Lea County, New Mexico

Description:
View West, area of CS-1 through CS-18.

PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 4

Facility: Neptune 10 State Com East CTB

County: Lea County, New Mexico

Description:
View West, area of CS-19 through CS-27.

Photographic Log
EOG Resources, Inc.
Neptune 10 State Com East CTB
Incident Number nAPP2604135535

Photograph: 1 Date: 3/20/2026

Description: Backfilling activities

Photograph: 2 Date: 3/20/2026

Description: Backfilling activities

Photograph: 3 Date: 3/20/2026

Description: Backfilling activities

Photograph: 4 Date: 3/20/2026

Description: Completed backfilling activities

APPENDIX E

Laboratory Analytical Reports & Chain-of-Custody Documentation

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

March 17, 2026

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: NEPTUNE 10 STATE COM EAST CTB

Enclosed are the results of analyses for samples received by the laboratory on 03/16/26 12:57.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/16/2026	Sampling Date:	03/16/2026
Reported:	03/17/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: CS-1 (0.5') (H261456-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2026	ND	2.03	102	2.00	0.131	
Toluene*	<0.050	0.050	03/16/2026	ND	1.82	91.1	2.00	0.981	
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	1.80	90.0	2.00	1.10	
Total Xylenes*	<0.150	0.150	03/16/2026	ND	5.33	88.9	6.00	1.27	
Total BTEX	<0.300	0.300	03/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *90.5 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**640**	16.0	03/16/2026	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2026	ND	196	98.2	200	3.74	
DRO >C10-C28*	**54.5**	10.0	03/16/2026	ND	207	104	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	03/16/2026	ND					

Surrogate: 1-Chlorooctane *87.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *87.9 %* *39.9-141*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/16/2026	Sampling Date:	03/16/2026
Reported:	03/17/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: CS-2 (0.5') (H261456-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2026	ND	2.03	102	2.00	0.131	
Toluene*	<0.050	0.050	03/16/2026	ND	1.82	91.1	2.00	0.981	
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	1.80	90.0	2.00	1.10	
Total Xylenes*	<0.150	0.150	03/16/2026	ND	5.33	88.9	6.00	1.27	
Total BTEX	<0.300	0.300	03/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *93.6 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1950**	16.0	03/16/2026	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2026	ND	196	98.2	200	3.74	
DRO >C10-C28*	**282**	10.0	03/16/2026	ND	207	104	200	5.27	
EXT DRO >C28-C36	**45.6**	10.0	03/16/2026	ND					

Surrogate: 1-Chlorooctane *83.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *82.6 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/16/2026	Sampling Date:	03/16/2026
Reported:	03/17/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: CS-3 (0.5') (H261456-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2026	ND	2.03	102	2.00	0.131	
Toluene*	<0.050	0.050	03/16/2026	ND	1.82	91.1	2.00	0.981	
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	1.80	90.0	2.00	1.10	
Total Xylenes*	<0.150	0.150	03/16/2026	ND	5.33	88.9	6.00	1.27	
Total BTEX	<0.300	0.300	03/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *90.9 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1360**	16.0	03/16/2026	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2026	ND	196	98.2	200	3.74	
DRO >C10-C28*	**89.3**	10.0	03/16/2026	ND	207	104	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	03/16/2026	ND					

Surrogate: 1-Chlorooctane *85.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *87.0 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/16/2026	Sampling Date:	03/16/2026
Reported:	03/17/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: CS-4 (0.5') (H261456-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2026	ND	2.03	102	2.00	0.131	
Toluene*	<0.050	0.050	03/16/2026	ND	1.82	91.1	2.00	0.981	
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	1.80	90.0	2.00	1.10	
Total Xylenes*	<0.150	0.150	03/16/2026	ND	5.33	88.9	6.00	1.27	
Total BTEX	<0.300	0.300	03/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *91.6 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**672**	16.0	03/16/2026	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2026	ND	196	98.2	200	3.74	
DRO >C10-C28*	**168**	10.0	03/16/2026	ND	207	104	200	5.27	
EXT DRO >C28-C36	**27.5**	10.0	03/16/2026	ND					

Surrogate: 1-Chlorooctane *86.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *84.6 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/16/2026	Sampling Date:	03/16/2026
Reported:	03/17/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: CS-5 (0.5') (H261456-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2026	ND	2.03	102	2.00	0.131	
Toluene*	<0.050	0.050	03/16/2026	ND	1.82	91.1	2.00	0.981	
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	1.80	90.0	2.00	1.10	
Total Xylenes*	<0.150	0.150	03/16/2026	ND	5.33	88.9	6.00	1.27	
Total BTEX	<0.300	0.300	03/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *90.5 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**512**	16.0	03/16/2026	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2026	ND	196	98.2	200	3.74	
DRO >C10-C28*	**71.4**	10.0	03/16/2026	ND	207	104	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	03/16/2026	ND					

Surrogate: 1-Chlorooctane *91.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *89.8 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/16/2026	Sampling Date:	03/16/2026
Reported:	03/17/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: CS-6 (0.5') (H261456-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2026	ND	2.21	110	2.00	3.60	
Toluene*	<0.050	0.050	03/16/2026	ND	2.12	106	2.00	6.86	
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.03	102	2.00	7.05	
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.06	101	6.00	4.09	
Total BTEX	<0.300	0.300	03/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2400**	16.0	03/16/2026	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2026	ND	196	98.2	200	3.74	
DRO >C10-C28*	**192**	10.0	03/16/2026	ND	207	104	200	5.27	
EXT DRO >C28-C36	**27.7**	10.0	03/16/2026	ND					

Surrogate: 1-Chlorooctane *87.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *89.8 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/16/2026	Sampling Date:	03/16/2026
Reported:	03/17/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: CS-7 (0.5') (H261456-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2026	ND	2.21	110	2.00	3.60	
Toluene*	<0.050	0.050	03/16/2026	ND	2.12	106	2.00	6.86	
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.03	102	2.00	7.05	
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.06	101	6.00	4.09	
Total BTEX	<0.300	0.300	03/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	03/16/2026	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2026	ND	196	98.2	200	3.74	
DRO >C10-C28*	**113**	10.0	03/16/2026	ND	207	104	200	5.27	
EXT DRO >C28-C36	**13.5**	10.0	03/16/2026	ND					

Surrogate: 1-Chlorooctane *79.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *79.4 %* *39.9-141*

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/16/2026	Sampling Date:	03/16/2026
Reported:	03/17/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: CS-8 (0.5') (H261456-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2026	ND	2.21	110	2.00	3.60	
Toluene*	<0.050	0.050	03/16/2026	ND	2.12	106	2.00	6.86	
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.03	102	2.00	7.05	
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.06	101	6.00	4.09	
Total BTEX	<0.300	0.300	03/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**640**	16.0	03/16/2026	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2026	ND	224	112	200	1.15	
DRO >C10-C28*	**193**	10.0	03/16/2026	ND	203	102	200	2.87	
EXT DRO >C28-C36	**29.8**	10.0	03/16/2026	ND					

Surrogate: 1-Chlorooctane *99.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *95.0 %* *39.9-141*

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/16/2026	Sampling Date:	03/16/2026
Reported:	03/17/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: CS-9 (0.5') (H261456-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2026	ND	2.21	110	2.00	3.60	
Toluene*	<0.050	0.050	03/16/2026	ND	2.12	106	2.00	6.86	
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.03	102	2.00	7.05	
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.06	101	6.00	4.09	
Total BTEX	<0.300	0.300	03/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**416**	16.0	03/16/2026	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2026	ND	224	112	200	1.15	
DRO >C10-C28*	**92.6**	10.0	03/16/2026	ND	203	102	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	03/16/2026	ND					

Surrogate: 1-Chlorooctane *95.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *93.4 %* *39.9-141*

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/16/2026	Sampling Date:	03/16/2026
Reported:	03/17/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: CS-10 (0.5') (H261456-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2026	ND	2.21	110	2.00	3.60	
Toluene*	<0.050	0.050	03/16/2026	ND	2.12	106	2.00	6.86	
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.03	102	2.00	7.05	GC-NC
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.06	101	6.00	4.09	
Total BTEX	<0.300	0.300	03/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**976**	16.0	03/16/2026	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2026	ND	224	112	200	1.15	
DRO >C10-C28*	**322**	10.0	03/16/2026	ND	203	102	200	2.87	
EXT DRO >C28-C36	**51.2**	10.0	03/16/2026	ND					

Surrogate: 1-Chlorooctane *97.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *95.8 %* *39.9-141*

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/16/2026	Sampling Date:	03/16/2026
Reported:	03/17/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: CS-11 (0.5') (H261456-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2026	ND	2.21	110	2.00	3.60	
Toluene*	<0.050	0.050	03/16/2026	ND	2.12	106	2.00	6.86	
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.03	102	2.00	7.05	
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.06	101	6.00	4.09	
Total BTEX	<0.300	0.300	03/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1540**	16.0	03/16/2026	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2026	ND	224	112	200	1.15	
DRO >C10-C28*	**236**	10.0	03/16/2026	ND	203	102	200	2.87	
EXT DRO >C28-C36	**36.6**	10.0	03/16/2026	ND					

Surrogate: 1-Chlorooctane *92.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *91.7 %* *39.9-141*

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/16/2026	Sampling Date:	03/16/2026
Reported:	03/17/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: CS-12 (0.5') (H261456-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2026	ND	2.21	110	2.00	3.60	
Toluene*	<0.050	0.050	03/16/2026	ND	2.12	106	2.00	6.86	
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.03	102	2.00	7.05	
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.06	101	6.00	4.09	
Total BTEX	<0.300	0.300	03/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**448**	16.0	03/16/2026	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2026	ND	224	112	200	1.15	
DRO >C10-C28*	**336**	10.0	03/16/2026	ND	203	102	200	2.87	
EXT DRO >C28-C36	**54.5**	10.0	03/16/2026	ND					

Surrogate: 1-Chlorooctane *96.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *97.0 %* *39.9-141*

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/16/2026	Sampling Date:	03/16/2026
Reported:	03/17/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: CS-13 (0.5') (H261456-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2026	ND	2.21	110	2.00	3.60	
Toluene*	<0.050	0.050	03/16/2026	ND	2.12	106	2.00	6.86	
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.03	102	2.00	7.05	
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.06	101	6.00	4.09	
Total BTEX	<0.300	0.300	03/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1070**	16.0	03/16/2026	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2026	ND	224	112	200	1.15	
DRO >C10-C28*	**72.4**	10.0	03/16/2026	ND	203	102	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	03/16/2026	ND					

Surrogate: 1-Chlorooctane *97.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *93.8 %* *39.9-141*

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/16/2026	Sampling Date:	03/16/2026
Reported:	03/17/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: CS-14 (0.5') (H261456-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2026	ND	2.21	110	2.00	3.60	
Toluene*	<0.050	0.050	03/16/2026	ND	2.12	106	2.00	6.86	
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.03	102	2.00	7.05	GC-NC
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.06	101	6.00	4.09	
Total BTEX	<0.300	0.300	03/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**224**	16.0	03/16/2026	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2026	ND	224	112	200	1.15	
DRO >C10-C28*	**319**	10.0	03/16/2026	ND	203	102	200	2.87	
EXT DRO >C28-C36	**52.7**	10.0	03/16/2026	ND					

Surrogate: 1-Chlorooctane *98.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *98.0 %* *39.9-141*

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/16/2026	Sampling Date:	03/16/2026
Reported:	03/17/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: CS-15 (0.5') (H261456-15)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2026	ND	2.21	110	2.00	3.60	
Toluene*	<0.050	0.050	03/16/2026	ND	2.12	106	2.00	6.86	
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.03	102	2.00	7.05	
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.06	101	6.00	4.09	
Total BTEX	<0.300	0.300	03/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1300**	16.0	03/16/2026	ND	432	108	400	0.00	QM-07

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2026	ND	224	112	200	1.15	
DRO >C10-C28*	**64.3**	10.0	03/16/2026	ND	203	102	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	03/16/2026	ND					

Surrogate: 1-Chlorooctane *95.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *92.7 %* *39.9-141*

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/16/2026	Sampling Date:	03/16/2026
Reported:	03/17/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: CS-16 (0.5') (H261456-16)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2026	ND	2.21	110	2.00	3.60	
Toluene*	<0.050	0.050	03/16/2026	ND	2.12	106	2.00	6.86	
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.03	102	2.00	7.05	
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.06	101	6.00	4.09	
Total BTEX	<0.300	0.300	03/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	03/16/2026	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2026	ND	224	112	200	1.15	
DRO >C10-C28*	**230**	10.0	03/16/2026	ND	203	102	200	2.87	
EXT DRO >C28-C36	**37.3**	10.0	03/16/2026	ND					

Surrogate: 1-Chlorooctane *98.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *96.3 %* *39.9-141*

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/16/2026	Sampling Date:	03/16/2026
Reported:	03/17/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: CS-17 (0.5') (H261456-17)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2026	ND	2.21	110	2.00	3.60	
Toluene*	<0.050	0.050	03/16/2026	ND	2.12	106	2.00	6.86	
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.03	102	2.00	7.05	
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.06	101	6.00	4.09	
Total BTEX	<0.300	0.300	03/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**768**	16.0	03/16/2026	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2026	ND	224	112	200	1.15	
DRO >C10-C28*	**55.4**	10.0	03/16/2026	ND	203	102	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	03/16/2026	ND					

Surrogate: 1-Chlorooctane *97.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *94.2 %* *39.9-141*

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/16/2026	Sampling Date:	03/16/2026
Reported:	03/17/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: CS-18 (0.5') (H261456-18)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2026	ND	2.21	110	2.00	3.60	
Toluene*	<0.050	0.050	03/16/2026	ND	2.12	106	2.00	6.86	
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.03	102	2.00	7.05	
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.06	101	6.00	4.09	
Total BTEX	<0.300	0.300	03/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**528**	16.0	03/16/2026	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2026	ND	224	112	200	1.15	
DRO >C10-C28*	**374**	10.0	03/16/2026	ND	203	102	200	2.87	
EXT DRO >C28-C36	**61.0**	10.0	03/16/2026	ND					

Surrogate: 1-Chlorooctane *96.1 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *95.0 %* *39.9-141*

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Analytical Results For:

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310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/16/2026	Sampling Date:	03/16/2026
Reported:	03/17/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: CS-19 (0.5') (H261456-19)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2026	ND	2.21	110	2.00	3.60	
Toluene*	<0.050	0.050	03/16/2026	ND	2.12	106	2.00	6.86	
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.03	102	2.00	7.05	
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.06	101	6.00	4.09	
Total BTEX	<0.300	0.300	03/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1420**	16.0	03/16/2026	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2026	ND	224	112	200	1.15	
DRO >C10-C28*	**97.3**	10.0	03/16/2026	ND	203	102	200	2.87	
EXT DRO >C28-C36	**11.1**	10.0	03/16/2026	ND					

Surrogate: 1-Chlorooctane *92.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *92.2 %* *39.9-141*

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/16/2026	Sampling Date:	03/16/2026
Reported:	03/17/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: CS-20 (0.5') (H261456-20)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2026	ND	2.21	110	2.00	3.60	
Toluene*	<0.050	0.050	03/16/2026	ND	2.12	106	2.00	6.86	
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.03	102	2.00	7.05	GC-NC
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.06	101	6.00	4.09	
Total BTEX	<0.300	0.300	03/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1820**	16.0	03/16/2026	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2026	ND	224	112	200	1.15	
DRO >C10-C28*	**373**	10.0	03/16/2026	ND	203	102	200	2.87	
EXT DRO >C28-C36	**64.1**	10.0	03/16/2026	ND					

Surrogate: 1-Chlorooctane *92.2 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *94.5 %* *39.9-141*

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/16/2026	Sampling Date:	03/16/2026
Reported:	03/17/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: CS-21 (0.5') (H261456-21)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2026	ND	2.21	110	2.00	3.60	
Toluene*	<0.050	0.050	03/16/2026	ND	2.12	106	2.00	6.86	
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.03	102	2.00	7.05	
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.06	101	6.00	4.09	
Total BTEX	<0.300	0.300	03/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1040**	16.0	03/16/2026	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2026	ND	224	112	200	1.15	
DRO >C10-C28*	**92.1**	10.0	03/16/2026	ND	203	102	200	2.87	
EXT DRO >C28-C36	**11.2**	10.0	03/16/2026	ND					

Surrogate: 1-Chlorooctane *96.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *94.8 %* *39.9-141*

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/16/2026	Sampling Date:	03/16/2026
Reported:	03/17/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: CS-22 (0.5') (H261456-22)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2026	ND	2.21	110	2.00	3.60	
Toluene*	<0.050	0.050	03/16/2026	ND	2.12	106	2.00	6.86	
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.03	102	2.00	7.05	
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.06	101	6.00	4.09	
Total BTEX	<0.300	0.300	03/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**800**	16.0	03/16/2026	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2026	ND	224	112	200	1.15	
DRO >C10-C28*	**339**	10.0	03/16/2026	ND	203	102	200	2.87	
EXT DRO >C28-C36	**64.2**	10.0	03/16/2026	ND					

Surrogate: 1-Chlorooctane *96.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *95.3 %* *39.9-141*

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/16/2026	Sampling Date:	03/16/2026
Reported:	03/17/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: CS-23 (0.5') (H261456-23)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2026	ND	2.21	110	2.00	3.60	
Toluene*	<0.050	0.050	03/16/2026	ND	2.12	106	2.00	6.86	
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.03	102	2.00	7.05	
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.06	101	6.00	4.09	
Total BTEX	<0.300	0.300	03/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1200**	16.0	03/16/2026	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2026	ND	224	112	200	1.15	
DRO >C10-C28*	**111**	10.0	03/16/2026	ND	203	102	200	2.87	
EXT DRO >C28-C36	**11.6**	10.0	03/16/2026	ND					

Surrogate: 1-Chlorooctane *95.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *93.0 %* *39.9-141*

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310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/16/2026	Sampling Date:	03/16/2026
Reported:	03/17/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: CS-24 (0.5') (H261456-24)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2026	ND	2.21	110	2.00	3.60	
Toluene*	<0.050	0.050	03/16/2026	ND	2.12	106	2.00	6.86	
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.03	102	2.00	7.05	
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.06	101	6.00	4.09	
Total BTEX	<0.300	0.300	03/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1060**	16.0	03/16/2026	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2026	ND	224	112	200	1.15	
DRO >C10-C28*	**248**	10.0	03/16/2026	ND	203	102	200	2.87	
EXT DRO >C28-C36	**46.5**	10.0	03/16/2026	ND					

Surrogate: 1-Chlorooctane *94.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *93.0 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/16/2026	Sampling Date:	03/16/2026
Reported:	03/17/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: CS-25 (0.5') (H261456-25)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2026	ND	2.21	110	2.00	3.60	
Toluene*	<0.050	0.050	03/16/2026	ND	2.12	106	2.00	6.86	
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.03	102	2.00	7.05	
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.06	101	6.00	4.09	
Total BTEX	<0.300	0.300	03/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**416**	16.0	03/16/2026	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2026	ND	224	112	200	1.15	
DRO >C10-C28*	**261**	10.0	03/16/2026	ND	203	102	200	2.87	
EXT DRO >C28-C36	**44.9**	10.0	03/16/2026	ND					

Surrogate: 1-Chlorooctane *96.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *96.2 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/16/2026	Sampling Date:	03/16/2026
Reported:	03/17/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: CS-26 (0.5') (H261456-26)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2026	ND	2.23	111	2.00	5.35	
Toluene*	<0.050	0.050	03/16/2026	ND	2.22	111	2.00	4.39	
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.21	111	2.00	4.05	
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.69	111	6.00	2.99	
Total BTEX	<0.300	0.300	03/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1330**	16.0	03/16/2026	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2026	ND	224	112	200	1.15	
DRO >C10-C28*	**290**	10.0	03/16/2026	ND	203	102	200	2.87	
EXT DRO >C28-C36	**47.5**	10.0	03/16/2026	ND					

Surrogate: 1-Chlorooctane *95.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *95.0 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/16/2026	Sampling Date:	03/16/2026
Reported:	03/17/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: CS-27 (0.5') (H261456-27)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2026	ND	2.23	111	2.00	5.35	
Toluene*	<0.050	0.050	03/16/2026	ND	2.22	111	2.00	4.39	
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.21	111	2.00	4.05	
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.69	111	6.00	2.99	
Total BTEX	<0.300	0.300	03/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: KH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**992**	16.0	03/16/2026	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2026	ND	224	112	200	1.15	
DRO >C10-C28*	**76.8**	10.0	03/16/2026	ND	203	102	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	03/16/2026	ND					

Surrogate: 1-Chlorooctane *94.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *92.7 %* *39.9-141*

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

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Chain of Custody

Work Order No: H3201450

Page 1 of 3

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Neptune 10 State Com East CTB	Turn Around	
Project Number:	3197	☐ Routine	☑ Rush
Project Location	Lea County, NM	Due Date:	24 HR TAT
Sampler's Name:	CMM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)	
Received Intact:	(Yes) No	Thermometer ID:	140	
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	+0.1	
Sample Custody Seals:	(Yes) No N/A	Temperature Reading:	2.8	
Total Containers:		Corrected Temperature:	2.9	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
1	CS-1 (0.5')	3/16/2026		X		C	1		X	X	X	
2	CS-2 (0.5')	3/16/2026		X		C	1		X	X	X	
3	CS-3 (0.5')	3/16/2026		X		C	1		X	X	X	
4	CS-4 (0.5')	3/16/2026		X		C	1		X	X	X	
5	CS-5 (0.5')	3/16/2026		X		C	1		X	X	X	
6	CS-6 (0.5')	3/16/2026		X		C	1		X	X	X	
7	CS-7 (0.5')	3/16/2026		X		C	1		X	X	X	
8	CS-8 (0.5')	3/16/2026		X		C	1		X	X	X	
9	CS-9 (0.5')	3/16/2026		X		C	1		X	X	X	
10	CS-10 (0.5')	3/16/2026		X		C	1		X	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

CLS OAD2401116

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	3-16-26		3.16.26 1257

Received by OCD: 6/16/2026 1:56:02 PM

Released to Imaging: 6/26/2026 11:12:03 AM

Chain of Custody

Work Order No: H241456

Page 2 of 3

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	210 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Neptune 10 State Com East CTB	Turn Around	
Project Number:	3197	☐ Routine ☑ Rush	
Project Location	Lea County, NM	Due Date:	24 HR TAT
Sampler's Name:	CMM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	140
Cooler Custody Seals:	Yes No N/A	Correction Factor:	+0.1
Sample Custody Seals:	Yes No N/A	Temperature Reading:	2.8
Total Containers:		Corrected Temperature:	2.9

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
11 CS-11 (0.5')	3/16/2026		X		C	1		X	X	X	
12 CS-12 (0.5')	3/16/2026		X		C	1		X	X	X	
13 CS-13 (0.5')	3/16/2026		X		C	1		X	X	X	
14 CS-14 (0.5')	3/16/2026		X		C	1		X	X	X	
15 CS-15 (0.5')	3/16/2026		X		C	1		X	X	X	
16 CS-16 (0.5')	3/16/2026		X		C	1		X	X	X	
17 CS-17 (0.5')	3/16/2026		X		C	1		X	X	X	
18 CS-18 (0.5')	3/16/2026		X		C	1		X	X	X	
19 CS-19 (0.5')	3/16/2026		X		C	1		X	X	X	
20 CS-20 (0.5')	3/16/2026		X		C	1		X	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	3-16-26		3.16.26 1257

Received by OCD: 6/16/2026 1:56:02 PM

Released to Imaging: 6/26/2026 11:12:03 AM

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Chain of Custody

Work Order No: H241454

Page 3 of 3

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Neptune 10 State Com East CTB	Turn Around	
Project Number:	3197	☐ Routine	☑ Rush
Project Location	Lea County, NM	Due Date:	24 HR TAT
Sampler's Name:	CMM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)	
Received Intact:	(Yes) No	Thermometer ID:	140	
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	+0.1	
Sample Custody Seals:	(Yes) No N/A	Temperature Reading:	2.8	
Total Containers:		Corrected Temperature:	2.9	

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
21	CS-21 (0.5')	3/16/2026		X		C	1	X	X	X	
22	CS-22 (0.5')	3/16/2026		X		C	1	X	X	X	
23	CS-23 (0.5')	3/16/2026		X		C	1	X	X	X	
24	CS-24 (0.5')	3/16/2026		X		C	1	X	X	X	
25	CS-25 (0.5')	3/16/2026		X		C	1	X	X	X	
26	CS-26 (0.5')	3/16/2026		X		C	1	X	X	X	
27	CS-27 (0.5')	3/16/2026		X		C	1	X	X	X	

Pres. Code / Parameters

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	3-16-26		3.16.26 1257

Received by OCD: 6/16/2026 1:56:02 PM

Released to Imaging: 6/26/2026 11:12:03 AM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

March 19, 2026

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: NEPTUNE 10 STATE COM EAST CTB

Enclosed are the results of analyses for samples received by the laboratory on 03/18/26 14:14.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/18/2026	Sampling Date:	03/16/2026
Reported:	03/19/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW-1 (0.5') (H261506-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2026	ND	2.20	110	2.00	1.93	QM-07
Toluene*	<0.050	0.050	03/18/2026	ND	2.10	105	2.00	1.24	
Ethylbenzene*	<0.050	0.050	03/18/2026	ND	1.99	99.7	2.00	0.678	
Total Xylenes*	<0.150	0.150	03/18/2026	ND	6.20	103	6.00	0.795	
Total BTEX	<0.300	0.300	03/18/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/19/2026	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2026	ND	200	99.9	200	5.97	
DRO >C10-C28*	<10.0	10.0	03/18/2026	ND	212	106	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	03/18/2026	ND					

Surrogate: 1-Chlorooctane *99.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *90.7 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/18/2026	Sampling Date:	03/16/2026
Reported:	03/19/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW-2 (0.5') (H261506-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2026	ND	2.20	110	2.00	1.93	
Toluene*	<0.050	0.050	03/18/2026	ND	2.10	105	2.00	1.24	
Ethylbenzene*	<0.050	0.050	03/18/2026	ND	1.99	99.7	2.00	0.678	
Total Xylenes*	<0.150	0.150	03/18/2026	ND	6.20	103	6.00	0.795	
Total BTEX	<0.300	0.300	03/18/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/19/2026	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2026	ND	200	99.9	200	5.97	
DRO >C10-C28*	<10.0	10.0	03/18/2026	ND	212	106	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	03/18/2026	ND					

Surrogate: 1-Chlorooctane *88.9 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *77.2 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/18/2026	Sampling Date:	03/16/2026
Reported:	03/19/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW-3 (0.5') (H261506-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2026	ND	2.20	110	2.00	1.93	
Toluene*	<0.050	0.050	03/18/2026	ND	2.10	105	2.00	1.24	
Ethylbenzene*	<0.050	0.050	03/18/2026	ND	1.99	99.7	2.00	0.678	
Total Xylenes*	<0.150	0.150	03/18/2026	ND	6.20	103	6.00	0.795	
Total BTEX	<0.300	0.300	03/18/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	03/19/2026	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2026	ND	200	99.9	200	5.97	
DRO >C10-C28*	<10.0	10.0	03/18/2026	ND	212	106	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	03/18/2026	ND					

Surrogate: 1-Chlorooctane *90.0 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *79.2 %* *39.9-141*

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/18/2026	Sampling Date:	03/16/2026
Reported:	03/19/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW-4 (0.5') (H261506-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2026	ND	2.20	110	2.00	1.93	
Toluene*	<0.050	0.050	03/18/2026	ND	2.10	105	2.00	1.24	
Ethylbenzene*	<0.050	0.050	03/18/2026	ND	1.99	99.7	2.00	0.678	
Total Xylenes*	<0.150	0.150	03/18/2026	ND	6.20	103	6.00	0.795	
Total BTEX	<0.300	0.300	03/18/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/19/2026	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2026	ND	200	99.9	200	5.97	
DRO >C10-C28*	<10.0	10.0	03/18/2026	ND	212	106	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	03/18/2026	ND					

Surrogate: 1-Chlorooctane *96.7 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *86.1 %* *39.9-141*

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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: H2601506

Page 1 of 1

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Neptune 10 State Com East CTB	Turn Around	
Project Number:	3197	☐ Routine ☑ Rush	
Project Location	Lea County, NM	Due Date:	24 HR TAT
Sampler's Name	CMM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:	140	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	TO.1	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	2.4	
Total Containers:		Corrected Temperature:	2.5	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
1	SW-1 (0.5')	3/16/2026		X		C	1		X	X	X	
2	SW-2 (0.5')	3/16/2026		X		C	1		X	X	X	
3	SW-3 (0.5')	3/16/2026		X		C	1		X	X	X	
4	SW-4 (0.5')	3/16/2026		X		C	1		X	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

CLS 040340116

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Cole Hle	3-18-26	Cypress	3.18.26 1414

Received by OCD: 6/16/2026 1:56:02 PM

Released to Imaging: 6/26/2026 11:12:03 AM

CARDINAL Laboratories

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March 17, 2026

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: NEPTUNE 10 STATE COM EAST CTB

Enclosed are the results of analyses for samples received by the laboratory on 03/16/26 12:57.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/16/2026	Sampling Date:	03/16/2026
Reported:	03/17/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: H-1 (0-0.5') (H261455-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2026	ND	2.03	102	2.00	0.131	
Toluene*	<0.050	0.050	03/16/2026	ND	1.82	91.1	2.00	0.981	
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	1.80	90.0	2.00	1.10	
Total Xylenes*	<0.150	0.150	03/16/2026	ND	5.33	88.9	6.00	1.27	
Total BTEX	<0.300	0.300	03/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *91.7 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/16/2026	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2026	ND	196	98.2	200	3.74	
DRO >C10-C28*	<10.0	10.0	03/16/2026	ND	207	104	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	03/16/2026	ND					

Surrogate: 1-Chlorooctane *82.3 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *80.0 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/16/2026	Sampling Date:	03/16/2026
Reported:	03/17/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: H-2 (0-0.5') (H261455-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2026	ND	2.03	102	2.00	0.131	
Toluene*	<0.050	0.050	03/16/2026	ND	1.82	91.1	2.00	0.981	
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	1.80	90.0	2.00	1.10	
Total Xylenes*	<0.150	0.150	03/16/2026	ND	5.33	88.9	6.00	1.27	
Total BTEX	<0.300	0.300	03/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *91.6 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/16/2026	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2026	ND	196	98.2	200	3.74	
DRO >C10-C28*	<10.0	10.0	03/16/2026	ND	207	104	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	03/16/2026	ND					

Surrogate: 1-Chlorooctane *87.8 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *85.8 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/16/2026	Sampling Date:	03/16/2026
Reported:	03/17/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: H-3 (0-0.5') (H261455-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2026	ND	2.03	102	2.00	0.131	
Toluene*	<0.050	0.050	03/16/2026	ND	1.82	91.1	2.00	0.981	
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	1.80	90.0	2.00	1.10	
Total Xylenes*	<0.150	0.150	03/16/2026	ND	5.33	88.9	6.00	1.27	
Total BTEX	<0.300	0.300	03/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *91.5 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/16/2026	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2026	ND	196	98.2	200	3.74	
DRO >C10-C28*	<10.0	10.0	03/16/2026	ND	207	104	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	03/16/2026	ND					

Surrogate: 1-Chlorooctane *81.5 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *78.1 %* *39.9-141*

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/16/2026	Sampling Date:	03/16/2026
Reported:	03/17/2026	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM EAST CTB	Sampling Condition:	Cool & Intact
Project Number:	3197	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: H-4 (0-0.5') (H261455-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2026	ND	2.03	102	2.00	0.131	
Toluene*	<0.050	0.050	03/16/2026	ND	1.82	91.1	2.00	0.981	
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	1.80	90.0	2.00	1.10	
Total Xylenes*	<0.150	0.150	03/16/2026	ND	5.33	88.9	6.00	1.27	
Total BTEX	<0.300	0.300	03/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID *91.5 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/16/2026	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: JF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2026	ND	196	98.2	200	3.74	
DRO >C10-C28*	<10.0	10.0	03/16/2026	ND	207	104	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	03/16/2026	ND					

Surrogate: 1-Chlorooctane *82.6 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *80.7 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

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Chain of Custody

Work Order No: H261450 AP 3-16-26

Page 1 of 1

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Neptune 10 State Com East CTB	Turn Around	
Project Number:	3197	☐ Routine	☑ Rush
Project Location	Lea County, NM	Due Date:	24 HR TAT
Sampler's Name:	CMM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:	140	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	+0.1	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	2.8	
Total Containers:		Corrected Temperature:	2.9	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
1 H-1 (0-0.5')	3/16/2026		X		G	1		X	X	X	
2 H-2 (0-0.5')	3/16/2026		X		G	1		X	X	X	
3 H-3 (0-0.5')	3/16/2026		X		G	1		X	X	X	
4 H-4 (0-0.5')	3/16/2026		X		G	1		X	X	X	

Preservative Codes

None: NO DI Water: H_2O

Cool: Cool MeOH: Me

HCL: HC HNO_3: HN

H_2S0_4: H_2 NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

CLS 04024012K

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	3-16-26		3.16.26 1257

Received by OCD: 6/16/2026 1:56:02 PM

Released to Imaging: 6/26/2026 11:12:03 AM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

December 26, 2025

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: NEPTUNE 10 STATE COM #751H

Enclosed are the results of analyses for samples received by the laboratory on 12/23/25 8:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	12/23/2025	Sampling Date:	12/22/2025
Reported:	12/26/2025	Sampling Type:	Soil
Project Name:	NEPTUNE 10 STATE COM #751H	Sampling Condition:	Cool & Intact
Project Number:	3029	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: CAPONE PIT (H257909-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/23/2025	ND	2.02	101	2.00	1.53	
Toluene*	<0.050	0.050	12/23/2025	ND	2.16	108	2.00	1.28	
Ethylbenzene*	<0.050	0.050	12/23/2025	ND	2.11	105	2.00	2.06	
Total Xylenes*	<0.150	0.150	12/23/2025	ND	6.25	104	6.00	2.30	
Total BTEX	<0.300	0.300	12/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *70.4-141*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	12/23/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/23/2025	ND	195	97.3	200	8.27	
DRO >C10-C28*	<10.0	10.0	12/23/2025	ND	191	95.5	200	2.09	
EXT DRO >C28-C36	<10.0	10.0	12/23/2025	ND					

Surrogate: 1-Chlorooctane *99.4 %* *52.4-130*

Surrogate: 1-Chlorooctadecane *102 %* *39.9-141*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

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Chain of Custody

Work Order No: H25790

Page 1 of 1

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Neptune 10 State Com #751H	Turn Around	
Project Number:	3029	☐ Routine	☑ Rush
Project Location	Lea County, NM	Due Date:	24 HR TAT
Sampler's Name:	JR		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)	
Received Intact:	(Yes) No	Thermometer ID:	#140	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	+0.3c	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	3.2c	
Total Containers:		Corrected Temperature:	3.5c	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500
Capone Pit	12/22/2025		X		C	1		X	X	X

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Comments

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	12.23.25 0855	Tamara Oldaker	

Received by OCD: 6/16/2026 1:56:02 PM

Released to Imaging: 6/26/2026 11:12:03 AM

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 5/29/2026 7:32:43 AM Revision 1

JOB DESCRIPTION

Neptune 10 State Com East CTB
3197

JOB NUMBER

880-70601-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 6/20/2026 11:12:05 AM

my EOL

Eurofins Midland

Job Notes

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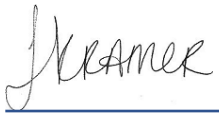
Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Revision 1

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Laboratory Job ID: 880-70601-1
SDG: 3197

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Definitions/Glossary

Client: Carmona Resources Job ID: 880-70601-1
Project/Site: Neptune 10 State Com East CTB SDG: 3197

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
I	Value is EMPC (estimated maximum possible concentration).
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
U	Indicates the analyte was analyzed for but not detected.

LCMS

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
*5+	Isotope dilution analyte is outside acceptance limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Definitions/Glossary

Client: Carmona Resources Job ID: 880-70601-1
Project/Site: Neptune 10 State Com East CTB SDG: 3197

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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: Carmona Resources Job ID: 880-70601-1
Project: Neptune 10 State Com East CTB

Job ID: 880-70601-1 Eurofins Midland

Job Narrative
880-70601-1

REVISION

The report being provided is a revision of the original report sent on 4/14/2026. The report (revision 1) is being revised due to Remaining data missing on final report..

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 4/7/2026 9:30 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 -9.4°C.

GC/MS Semi VOA
Method 8270E: The following sample(s) was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: CS-21 (0.5') (880-70601-21), CS-22 (0.5') (880-70601-22) and CS-26 (0.5') (880-70601-26).

Method 8270E: The following sample(s) was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: CS-2 (0.5') (880-70601-2), CS-3 (0.5') (880-70601-3), CS-4 (0.5') (880-70601-4), CS-6 (0.5') (880-70601-6), CS-8 (0.5') (880-70601-8), CS-9 (0.5') (880-70601-9), CS-12 (0.5') (880-70601-12), CS-19 (0.5') (880-70601-19), CS-20 (0.5') (880-70601-20), CS-23 (0.5') (880-70601-23), CS-24 (0.5') (880-70601-24) and CS-27 (0.5') (880-70601-27).

Method 8270E: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E: The continuing calibration verification (CCV) associated with batch 860-317141 recovered above the upper control limit for Nitrobenzene-d5 (Surr). The associated sample is:(CCVIS 860-317141/2).

Method 8270E: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

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

GC Semi VOA
Method 8015D - Soluble: The following samples were diluted due to physical characteristics, such as color, appearance, particulates in solution, etc.>>: CS-1 (0.5') (880-70601-1), CS-2 (0.5') (880-70601-2), CS-3 (0.5') (880-70601-3), CS-4 (0.5') (880-70601-4), CS-5 (0.5') (880-70601-5), CS-6 (0.5') (880-70601-6), CS-7 (0.5') (880-70601-7), CS-8 (0.5') (880-70601-8), CS-9

Case Narrative

Client: Carmona Resources Job ID: 880-70601-1
Project: Neptune 10 State Com East CTB

Job ID: 880-70601-1 (Continued) Eurofins Midland

(0.5') (880-70601-9), CS-10 (0.5') (880-70601-10), CS-11 (0.5') (880-70601-11), CS-12 (0.5') (880-70601-12), CS-13 (0.5') (880-70601-13), CS-14 (0.5') (880-70601-14), CS-15 (0.5') (880-70601-15), CS-16 (0.5') (880-70601-16), CS-17 (0.5') (880-70601-17), CS-18 (0.5') (880-70601-18), CS-19 (0.5') (880-70601-19) and CS-20 (0.5') (880-70601-20). Elevated reporting limits (RL) are provided.

Method 8015D - Soluble: The following samples were diluted due to physical characteristics, such as color, appearance, particulates in sample, etc.>>: CS-21 (0.5') (880-70601-21), CS-22 (0.5') (880-70601-22), CS-23 (0.5') (880-70601-23), CS-24 (0.5') (880-70601-24), CS-25 (0.5') (880-70601-25), CS-26 (0.5') (880-70601-26) and CS-27 (0.5') (880-70601-27). Elevated reporting limits (RL) are provided.

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

HPLC/IC

Method 8330B: Samples CS-1 (0.5') (880-70601-1), CS-2 (0.5') (880-70601-2), CS-3 (0.5') (880-70601-3), CS-4 (0.5') (880-70601-4), CS-5 (0.5') (880-70601-5), CS-6 (0.5') (880-70601-6), CS-7 (0.5') (880-70601-7), CS-8 (0.5') (880-70601-8), CS-9 (0.5') (880-70601-9), CS-10 (0.5') (880-70601-10), CS-11 (0.5') (880-70601-11), CS-12 (0.5') (880-70601-12), CS-13 (0.5') (880-70601-13), CS-14 (0.5') (880-70601-14), CS-15 (0.5') (880-70601-15), CS-16 (0.5') (880-70601-16), CS-17 (0.5') (880-70601-17), CS-18 (0.5') (880-70601-18), CS-19 (0.5') (880-70601-19), CS-20 (0.5') (880-70601-20), (880-70601-E-18 MS) and (880-70601-E-18 MSD) was/were received outside of holding time. In preparation batch 280-746675

Method 8330B: Samples CS-21 (0.5') (880-70601-21), CS-22 (0.5') (880-70601-22), CS-23 (0.5') (880-70601-23), CS-24 (0.5') (880-70601-24), CS-25 (0.5') (880-70601-25), CS-26 (0.5') (880-70601-26) and CS-27 (0.5') (880-70601-27) was/were received outside of holding time. In preparation batch 280-746678

Method 8330B: Sample contains extraneous material (several rocks) which was excluded during the subsampling process.

CS-1 (0.5') (880-70601-1), CS-2 (0.5') (880-70601-2), CS-3 (0.5') (880-70601-3), CS-4 (0.5') (880-70601-4), CS-5 (0.5') (880-70601-5), CS-6 (0.5') (880-70601-6), CS-7 (0.5') (880-70601-7), CS-8 (0.5') (880-70601-8), CS-9 (0.5') (880-70601-9), CS-10 (0.5') (880-70601-10), CS-11 (0.5') (880-70601-11), CS-12 (0.5') (880-70601-12), CS-14 (0.5') (880-70601-14), CS-15 (0.5') (880-70601-15), CS-16 (0.5') (880-70601-16), CS-17 (0.5') (880-70601-17), CS-18 (0.5') (880-70601-18), CS-19 (0.5') (880-70601-19), CS-20 (0.5') (880-70601-20), (880-70601-E-18 MS) and (880-70601-E-18 MSD) in preparation batch 280-746675

Method 8330B: Sample contains extraneous material (several rocks) which was excluded during the subsampling process.

CS-25 (0.5') (880-70601-25) in preparation batch 280-746678

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

PFAS

Method 1633A: The low level laboratory control sample (LLCS) for preparation batch 320-911465 and analytical batch 320-919049 recovered outside control limits for the following analytes: Perfluorobutanesulfonate (PFBS-), Perfluorobutanesulfonic acid (PFBS) and Potassium Perfluorobutane Sulfonate. These analytes were biased high in the LLCS and were not detected in the associated samples; therefore, the data have been reported.

Method 1633A: Isotope Dilution Analyte (IDA) recovery is above the method recommended limit for the following sample: CS-21 (0.5') (880-70601-21). Quantitation by isotope dilution generally precludes any adverse effect on data quality due to elevated IDA recoveries.

Method 1633A: The transition mass ratio was outside of the established ratio limit for Perfluorododecanesulfonic acid (PFDoS) in (CCVL 320-911666/4) associated to this data set. This is indicated by the "R" flag in the raw data. As the flagged data is in control in the low level continuing calibration verification (CCVL), there is no adverse impact to the data.

Method 1633A: Isotope Dilution Analyte (IDA) recovery is above the method recommended limit for the following sample: (LLCS 320-911363/2-A). Quantitation by isotope dilution generally precludes any adverse effect on data quality due to elevated IDA recoveries.

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

General Chemistry

Method 9066 - Soluble: The method blank (MB) for analytical batch contained above the reporting limit (RL). All reported samples associated with this MB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value

Case Narrative

Client: Carmona Resources Job ID: 880-70601-1
Project: Neptune 10 State Com East CTB

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found in the MB; therefore, re-analysis of samples was not performed.

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

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-1 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-1

Matrix: Solid
Percent Solids: 93.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.00928	U H	0.00928		mg/Kg		04/22/26 09:22	04/25/26 19:31	1
Phenol	<0.0186	U H	0.0186		mg/Kg		04/22/26 09:22	04/25/26 19:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*65*		*37 - 130*	*04/22/26 09:22*	*04/25/26 19:31*	*1*
Nitrobenzene-d5 (Surr)	*64*		*36 - 131*	*04/22/26 09:22*	*04/25/26 19:31*	*1*
p-Terphenyl-d14 (Surr)	*65*		*40 - 130*	*04/22/26 09:22*	*04/25/26 19:31*	*1*
2,4,6-Tribromophenol (Surr)	*78*		*35 - 140*	*04/22/26 09:22*	*04/25/26 19:31*	*1*
2-Fluorophenol (Surr)	*43*		*37 - 130*	*04/22/26 09:22*	*04/25/26 19:31*	*1*
Phenol-d5 (Surr)	*58*		*37 - 130*	*04/22/26 09:22*	*04/25/26 19:31*	*1*

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<25.0	U	25.0		mg/Kg			04/10/26 20:50	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.195	U H	0.195		mg/Kg		05/08/26 14:29	05/12/26 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene	*109*		*70 - 130*	*05/08/26 14:29*	*05/12/26 16:21*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.203	U	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.203	U	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.203	U	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.203	U	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.789**		0.406		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.406	U	0.406		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**26.3**		0.406		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.203	U	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.203	U	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<1.02	U	1.02		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.203	U	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.203	U	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<1.02	U	1.02		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.203	U	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
Perfluorobutanoic acid (PFBA)	<0.406	U	0.406		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
Perfluorodecanesulfonic acid (PFDS)	<0.203	U	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-1 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-1
Matrix: Solid
Percent Solids: 93.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanoic acid (PFDA)	<0.203	U	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
Perfluorododecanesulfonic acid (PFDoS)	<0.203	U *1	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
Perfluorododecanoic acid (PFDoA)	<0.203	U	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.203	U	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.203	U	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
Perfluoroheptanoic acid (PFHpA)	<0.203	U	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<1.02	U	1.02		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
Perfluorohexanesulfonate (PFHxS-)	<0.203	U	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
Perfluorohexanesulfonic acid (PFHxS)	<0.203	U	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
Perfluorohexanoic acid (PFHxA)	**1.92**		0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.203	U	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.203	U	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
Perfluorononanesulfonic acid (PFNS)	<0.203	U	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
Perfluorononanoate (PFNA-)	<0.203	U	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
Perfluorononanoic acid (PFNA)	<0.203	U	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
Perfluorooctanesulfonamide (PFOSA)	<0.203	U	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
Perfluorooctanoate (PFOA-)	<0.203	U	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
Perfluorooctanoic acid (PFOA)	<0.203	U	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
Perfluoropentanesulfonic acid (PFPeS)	<0.203	U	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
Perfluoropentanoic acid (PFPeA)	<0.203	U	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<1.02	U	1.02		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.406	U	0.406		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
Perfluorotetradecanoic acid (PFTeDA)	<0.203	U	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
Perfluorotridecanoic acid (PFTrDA)	<0.203	U	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
Perfluoroundecanoic acid (PFUnA)	<0.203	U	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*87.2*		*8 - 130*	*04/13/26 11:46*	*04/14/26 11:27*	*1*
13C5 PFPeA	*97.3*		*35 - 130*	*04/13/26 11:46*	*04/14/26 11:27*	*1*
13C5 PFHxA	*87.6*		*40 - 130*	*04/13/26 11:46*	*04/14/26 11:27*	*1*
13C4 PFHpA	*94.4*		*40 - 130*	*04/13/26 11:46*	*04/14/26 11:27*	*1*
13C8 PFOA	*95.1*		*40 - 130*	*04/13/26 11:46*	*04/14/26 11:27*	*1*
13C9 PFNA	*84.2*		*40 - 130*	*04/13/26 11:46*	*04/14/26 11:27*	*1*
13C6 PFDA	*73.4*		*40 - 130*	*04/13/26 11:46*	*04/14/26 11:27*	*1*
13C7 PFUnA	*69.4*		*40 - 130*	*04/13/26 11:46*	*04/14/26 11:27*	*1*
13C2 PFDoA	*57.8*		*40 - 130*	*04/13/26 11:46*	*04/14/26 11:27*	*1*
13C6 PFTrDA	*59.4*		*20 - 150*	*04/13/26 11:46*	*04/14/26 11:27*	*1*
13C2 PFTeDA	*72.9*		*20 - 130*	*04/13/26 11:46*	*04/14/26 11:27*	*1*
13C3 PFHxS	*83.4*		*40 - 130*	*04/13/26 11:46*	*04/14/26 11:27*	*1*
13C8 PFOS	*81.5*		*40 - 130*	*04/13/26 11:46*	*04/14/26 11:27*	*1*
13C8 FOSA	*67.6*		*40 - 130*	*04/13/26 11:46*	*04/14/26 11:27*	*1*
d3-NMeFOSAA	*58.4*		*40 - 135*	*04/13/26 11:46*	*04/14/26 11:27*	*1*
d5-NEtFOSAA	*53.1*		*40 - 150*	*04/13/26 11:46*	*04/14/26 11:27*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-1 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-1

Matrix: Solid
Percent Solids: 93.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 4:2 FTS	85.2		40 - 165	04/13/26 11:46	04/14/26 11:27	1
13C2 6:2 FTS	79.7		40 - 215	04/13/26 11:46	04/14/26 11:27	1
13C2 8:2 FTS	73.5		40 - 275	04/13/26 11:46	04/14/26 11:27	1
13C3 HFPO-DA	85.4		40 - 130	04/13/26 11:46	04/14/26 11:27	1
d7-N-MeFOSE-M	53.3		20 - 130	04/13/26 11:46	04/14/26 11:27	1
d9-N-EtFOSE-M	55.5		15 - 130	04/13/26 11:46	04/14/26 11:27	1
d5-NEtPFOSA	50.9		10 - 130	04/13/26 11:46	04/14/26 11:27	1
d3-NMePFOSA	44.1		10 - 130	04/13/26 11:46	04/14/26 11:27	1
13C3-3:3 FTCA	84.8		20 - 150	04/13/26 11:46	04/14/26 11:27	1
13C3-5:3 FTCA	86.6		20 - 150	04/13/26 11:46	04/14/26 11:27	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.203	U *+	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
Perfluorobutanesulfonic acid (PFBS)	<0.203	U *+	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
Perfluorooctanesulfonate (PFOS-)	<0.203	U	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
Perfluorooctanesulfonic acid (PFOS)	<0.203	U	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
Potassium Perfluorobutane Sulfonate	<0.203	U *+	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1
Potassium Perfluorooctanesulfonate	<0.203	U	0.203		ug/Kg	☼	04/13/26 11:46	04/14/26 11:27	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	81.9		40 - 135	04/13/26 11:46	04/14/26 11:27	1
13C8 PFOS	81.5		40 - 130	04/13/26 11:46	04/14/26 11:27	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0963	U	0.0963		mg/Kg			04/23/26 20:17	1

Client Sample ID: CS-2 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-2

Matrix: Solid
Percent Solids: 94.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.00921	U H	0.00921		mg/Kg		04/22/26 05:49	04/26/26 10:36	1
Phenol	<0.0184	U H	0.0184		mg/Kg		04/22/26 05:49	04/26/26 10:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	73		37 - 130	04/22/26 05:49	04/26/26 10:36	1
Nitrobenzene-d5 (Surr)	75		36 - 131	04/22/26 05:49	04/26/26 10:36	1
p-Terphenyl-d14 (Surr)	86		40 - 130	04/22/26 05:49	04/26/26 10:36	1
2,4,6-Tribromophenol (Surr)	80		35 - 140	04/22/26 05:49	04/26/26 10:36	1
2-Fluorophenol (Surr)	64		37 - 130	04/22/26 05:49	04/26/26 10:36	1
Phenol-d5 (Surr)	64		37 - 130	04/22/26 05:49	04/26/26 10:36	1

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<24.8	U	24.8		mg/Kg			04/10/26 21:08	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.194	U H	0.194		mg/Kg		05/08/26 14:29	05/12/26 16:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-2 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-2

Matrix: Solid
Percent Solids: 94.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dinitrobenzene	109		70 - 130	05/08/26 14:29	05/12/26 16:43	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.531**		0.387		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.387	U	0.387		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**17.7**		0.387		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.967	U	0.967		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.967	U	0.967		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
Perfluorobutanoic acid (PFBA)	<0.387	U	0.387		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
Perfluorodecanesulfonic acid (PFDS)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
Perfluorodecanoic acid (PFDA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
Perfluorododecanesulfonic acid (PFDoS)	<0.193	U *1	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
Perfluorododecanoic acid (PFDoA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
Perfluoroheptanoic acid (PFHpA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.967	U	0.967		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
Perfluorohexanesulfonate (PFHxS-)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
Perfluorohexanesulfonic acid (PFHxS)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
Perfluorohexanoic acid (PFHxA)	**1.12**		0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
Perfluorononanesulfonic acid (PFNS)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
Perfluorononanoate (PFNA-)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
Perfluorononanoic acid (PFNA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-2 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-2

Matrix: Solid
Percent Solids: 94.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonamide (PFOSA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
Perfluorooctanoate (PFOA-)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
Perfluorooctanoic acid (PFOA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
Perfluoropentanesulfonic acid (PFPeS)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
Perfluoropentanoic acid (PFPeA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.967	U	0.967		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.387	U	0.387		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
Perfluorotetradecanoic acid (PFTeDA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
Perfluorotridecanoic acid (PFTrDA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
Perfluoroundecanoic acid (PFUnA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*83.4*		*8 - 130*	*04/13/26 11:46*	*04/14/26 11:44*	*1*
13C5 PFPeA	*108*		*35 - 130*	*04/13/26 11:46*	*04/14/26 11:44*	*1*
13C5 PFHxA	*86.9*		*40 - 130*	*04/13/26 11:46*	*04/14/26 11:44*	*1*
13C4 PFHpA	*89.9*		*40 - 130*	*04/13/26 11:46*	*04/14/26 11:44*	*1*
13C8 PFOA	*90.2*		*40 - 130*	*04/13/26 11:46*	*04/14/26 11:44*	*1*
13C9 PFNA	*83.7*		*40 - 130*	*04/13/26 11:46*	*04/14/26 11:44*	*1*
13C6 PFDA	*73.9*		*40 - 130*	*04/13/26 11:46*	*04/14/26 11:44*	*1*
13C7 PFUnA	*71.0*		*40 - 130*	*04/13/26 11:46*	*04/14/26 11:44*	*1*
13C2 PFDoA	*67.7*		*40 - 130*	*04/13/26 11:46*	*04/14/26 11:44*	*1*
13C6 PFTrDA	*60.4*		*20 - 150*	*04/13/26 11:46*	*04/14/26 11:44*	*1*
13C2 PFTeDA	*62.1*		*20 - 130*	*04/13/26 11:46*	*04/14/26 11:44*	*1*
13C3 PFHxS	*78.4*		*40 - 130*	*04/13/26 11:46*	*04/14/26 11:44*	*1*
13C8 PFOS	*80.1*		*40 - 130*	*04/13/26 11:46*	*04/14/26 11:44*	*1*
13C8 FOSA	*85.3*		*40 - 130*	*04/13/26 11:46*	*04/14/26 11:44*	*1*
d3-NMeFOSAA	*62.1*		*40 - 135*	*04/13/26 11:46*	*04/14/26 11:44*	*1*
d5-NEtFOSAA	*61.1*		*40 - 150*	*04/13/26 11:46*	*04/14/26 11:44*	*1*
13C2 4:2 FTS	*73.3*		*40 - 165*	*04/13/26 11:46*	*04/14/26 11:44*	*1*
13C2 6:2 FTS	*77.9*		*40 - 215*	*04/13/26 11:46*	*04/14/26 11:44*	*1*
13C2 8:2 FTS	*70.5*		*40 - 275*	*04/13/26 11:46*	*04/14/26 11:44*	*1*
13C3 HFPO-DA	*84.5*		*40 - 130*	*04/13/26 11:46*	*04/14/26 11:44*	*1*
d7-N-MeFOSE-M	*45.1*		*20 - 130*	*04/13/26 11:46*	*04/14/26 11:44*	*1*
d9-N-EtFOSE-M	*50.8*		*15 - 130*	*04/13/26 11:46*	*04/14/26 11:44*	*1*
d5-NEtPFOSA	*50.3*		*10 - 130*	*04/13/26 11:46*	*04/14/26 11:44*	*1*
d3-NMePFOSA	*58.2*		*10 - 130*	*04/13/26 11:46*	*04/14/26 11:44*	*1*
13C3-3:3 FTCA	*74.4*		*20 - 150*	*04/13/26 11:46*	*04/14/26 11:44*	*1*
13C3-5:3 FTCA	*85.8*		*20 - 150*	*04/13/26 11:46*	*04/14/26 11:44*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.193	U *+	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
Perfluorobutanesulfonic acid (PFBS)	<0.193	U *+	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
Perfluorooctanesulfonate (PFOS-)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
Perfluorooctanesulfonic acid (PFOS)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
Potassium Perfluorobutane Sulfonate	<0.193	U *+	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1
Potassium Perfluorooctanesulfonate	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/14/26 11:44	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-2 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-2

Matrix: Solid
Percent Solids: 94.9

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFBS	*75.2*		*40 - 135*	*04/13/26 11:46*	*04/14/26 11:44*	*1*
13C8 PFOS	*80.1*		*40 - 130*	*04/13/26 11:46*	*04/14/26 11:44*	*1*

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0945	U	0.0945		mg/Kg			04/23/26 20:32	1

Client Sample ID: CS-3 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-3

Matrix: Solid
Percent Solids: 94.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.00893	U H	0.00893		mg/Kg		04/22/26 05:49	04/26/26 11:49	1
Phenol	<0.0179	U H	0.0179		mg/Kg		04/22/26 05:49	04/26/26 11:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*86*		*37 - 130*	*04/22/26 05:49*	*04/26/26 11:49*	*1*
Nitrobenzene-d5 (Surr)	*91*		*36 - 131*	*04/22/26 05:49*	*04/26/26 11:49*	*1*
p-Terphenyl-d14 (Surr)	*97*		*40 - 130*	*04/22/26 05:49*	*04/26/26 11:49*	*1*
2,4,6-Tribromophenol (Surr)	*110*		*35 - 140*	*04/22/26 05:49*	*04/26/26 11:49*	*1*
2-Fluorophenol (Surr)	*75*		*37 - 130*	*04/22/26 05:49*	*04/26/26 11:49*	*1*
Phenol-d5 (Surr)	*68*		*37 - 130*	*04/22/26 05:49*	*04/26/26 11:49*	*1*

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<24.8	U	24.8		mg/Kg			04/10/26 21:25	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.198	U H	0.198		mg/Kg		05/08/26 14:29	05/12/26 17:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene	*107*		*70 - 130*	*05/08/26 14:29*	*05/12/26 17:05*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.752**		0.404		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.404	U	0.404		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**24.5**		0.404		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-3 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-3
Matrix: Solid
Percent Solids: 94.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<1.01	U	1.01		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<1.01	U	1.01		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
Perfluorobutanoic acid (PFBA)	<0.404	U	0.404		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
Perfluorodecanesulfonic acid (PFDS)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
Perfluorodecanoic acid (PFDA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
Perfluorododecanesulfonic acid (PFDoS)	<0.202	U *1	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
Perfluorododecanoic acid (PFDoA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
Perfluoroheptanoic acid (PFHpA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<1.01	U	1.01		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
Perfluorohexanesulfonate (PFHxS-)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
Perfluorohexanesulfonic acid (PFHxS)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
Perfluorohexanoic acid (PFHxA)	**1.65**		0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
Perfluorononanesulfonic acid (PFNS)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
Perfluorononanoate (PFNA-)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
Perfluorononanoic acid (PFNA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
Perfluorooctanesulfonamide (PFOSA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
Perfluorooctanoate (PFOA-)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
Perfluorooctanoic acid (PFOA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
Perfluoropentanesulfonic acid (PFPeS)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
Perfluoropentanoic acid (PFPeA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<1.01	U	1.01		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.404	U	0.404		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
Perfluorotetradecanoic acid (PFTeDA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
Perfluorotridecanoic acid (PFTrDA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
Perfluoroundecanoic acid (PFUnA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*90.5*		*8 - 130*	*04/13/26 11:46*	*04/14/26 12:01*	*1*
13C5 PFPeA	*105*		*35 - 130*	*04/13/26 11:46*	*04/14/26 12:01*	*1*
13C5 PFHxA	*91.3*		*40 - 130*	*04/13/26 11:46*	*04/14/26 12:01*	*1*
13C4 PFHpA	*90.9*		*40 - 130*	*04/13/26 11:46*	*04/14/26 12:01*	*1*
13C8 PFOA	*99.7*		*40 - 130*	*04/13/26 11:46*	*04/14/26 12:01*	*1*
13C9 PFNA	*83.0*		*40 - 130*	*04/13/26 11:46*	*04/14/26 12:01*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-3 (0.5')

Lab Sample ID: 880-70601-3
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 94.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C6 PFDA	72.9		40 - 130	04/13/26 11:46	04/14/26 12:01	1
13C7 PFUnA	72.0		40 - 130	04/13/26 11:46	04/14/26 12:01	1
13C2 PFDoA	72.0		40 - 130	04/13/26 11:46	04/14/26 12:01	1
13C6 PFTrDA	64.3		20 - 150	04/13/26 11:46	04/14/26 12:01	1
13C2 PFTeDA	72.6		20 - 130	04/13/26 11:46	04/14/26 12:01	1
13C3 PFHxS	87.6		40 - 130	04/13/26 11:46	04/14/26 12:01	1
13C8 PFOS	77.6		40 - 130	04/13/26 11:46	04/14/26 12:01	1
13C8 FOSA	80.7		40 - 130	04/13/26 11:46	04/14/26 12:01	1
d3-NMeFOSAA	68.2		40 - 135	04/13/26 11:46	04/14/26 12:01	1
d5-NEtFOSAA	66.0		40 - 150	04/13/26 11:46	04/14/26 12:01	1
13C2 4:2 FTS	84.3		40 - 165	04/13/26 11:46	04/14/26 12:01	1
13C2 6:2 FTS	87.8		40 - 215	04/13/26 11:46	04/14/26 12:01	1
13C2 8:2 FTS	71.6		40 - 275	04/13/26 11:46	04/14/26 12:01	1
13C3 HFPO-DA	92.0		40 - 130	04/13/26 11:46	04/14/26 12:01	1
d7-N-MeFOSE-M	54.3		20 - 130	04/13/26 11:46	04/14/26 12:01	1
d9-N-EtFOSE-M	61.4		15 - 130	04/13/26 11:46	04/14/26 12:01	1
d5-NEtPFOSA	45.8		10 - 130	04/13/26 11:46	04/14/26 12:01	1
d3-NMePFOSA	50.3		10 - 130	04/13/26 11:46	04/14/26 12:01	1
13C3-3:3 FTCA	88.3		20 - 150	04/13/26 11:46	04/14/26 12:01	1
13C3-5:3 FTCA	89.8		20 - 150	04/13/26 11:46	04/14/26 12:01	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.202	U *+	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
Perfluorobutanesulfonic acid (PFBS)	<0.202	U *+	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
Perfluorooctanesulfonate (PFOS-)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
Perfluorooctanesulfonic acid (PFOS)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
Potassium Perfluorobutane Sulfonate	<0.202	U *+	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1
Potassium Perfluorooctanesulfonate	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:01	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	88.4		40 - 135	04/13/26 11:46	04/14/26 12:01	1
13C8 PFOS	77.6		40 - 130	04/13/26 11:46	04/14/26 12:01	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0982	U	0.0982		mg/Kg			04/23/26 20:35	1

Client Sample ID: CS-4 (0.5')

Lab Sample ID: 880-70601-4
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 94.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	**0.0121**	**H**	0.00962		mg/Kg		04/22/26 05:49	04/26/26 11:04	1
Phenol	<0.0192	U H	0.0192		mg/Kg		04/22/26 05:49	04/26/26 11:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	77		37 - 130	04/22/26 05:49	04/26/26 11:04	1
Nitrobenzene-d5 (Surr)	75		36 - 131	04/22/26 05:49	04/26/26 11:04	1
p-Terphenyl-d14 (Surr)	86		40 - 130	04/22/26 05:49	04/26/26 11:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-4 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-4

Matrix: Solid
Percent Solids: 94.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	*80*		*35 - 140*	*04/22/26 05:49*	*04/26/26 11:04*	*1*
2-Fluorophenol (Surr)	*66*		*37 - 130*	*04/22/26 05:49*	*04/26/26 11:04*	*1*
Phenol-d5 (Surr)	*65*		*37 - 130*	*04/22/26 05:49*	*04/26/26 11:04*	*1*

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<25.0	U	25.0		mg/Kg			04/10/26 21:42	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.188	U H	0.188		mg/Kg		05/08/26 14:29	05/12/26 17:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dinitrobenzene	*109*		*70 - 130*	*05/08/26 14:29*	*05/12/26 17:27*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.691**		0.404		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.404	U	0.404		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**22.7**		0.404		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<1.01	U	1.01		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<1.01	U	1.01		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
Perfluorobutanoic acid (PFBA)	<0.404	U	0.404		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
Perfluorodecanesulfonic acid (PFDS)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
Perfluorodecanoic acid (PFDA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
Perfluorododecanesulfonic acid (PFDoS)	<0.202	U *1	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
Perfluorododecanoic acid (PFDoA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-4 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-4

Matrix: Solid
Percent Solids: 94.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanesulfonic acid (PFHpS)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
Perfluoroheptanoic acid (PFHpA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<1.01	U	1.01		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
Perfluorohexanesulfonate (PFHxS-)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
Perfluorohexanesulfonic acid (PFHxS)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
Perfluorohexanoic acid (PFHxA)	**2.05**		0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
Perfluorononanesulfonic acid (PFNS)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
Perfluorononanoate (PFNA-)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
Perfluorononanoic acid (PFNA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
Perfluorooctanesulfonamide (PFOSA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
Perfluorooctanoate (PFOA-)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
Perfluorooctanoic acid (PFOA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
Perfluoropentanesulfonic acid (PFPeS)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
Perfluoropentanoic acid (PFPeA)	**0.260**		0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<1.01	U	1.01		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.404	U	0.404		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
Perfluorotetradecanoic acid (PFTeDA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
Perfluorotridecanoic acid (PFTrDA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
Perfluoroundecanoic acid (PFUnA)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*91.0*		*8 - 130*	*04/13/26 11:46*	*04/14/26 12:17*	*1*
13C5 PFPeA	*113*		*35 - 130*	*04/13/26 11:46*	*04/14/26 12:17*	*1*
13C5 PFHxA	*93.4*		*40 - 130*	*04/13/26 11:46*	*04/14/26 12:17*	*1*
13C4 PFHpA	*92.9*		*40 - 130*	*04/13/26 11:46*	*04/14/26 12:17*	*1*
13C8 PFOA	*103*		*40 - 130*	*04/13/26 11:46*	*04/14/26 12:17*	*1*
13C9 PFNA	*92.8*		*40 - 130*	*04/13/26 11:46*	*04/14/26 12:17*	*1*
13C6 PFDA	*82.7*		*40 - 130*	*04/13/26 11:46*	*04/14/26 12:17*	*1*
13C7 PFUnA	*79.7*		*40 - 130*	*04/13/26 11:46*	*04/14/26 12:17*	*1*
13C2 PFDoA	*78.5*		*40 - 130*	*04/13/26 11:46*	*04/14/26 12:17*	*1*
13C6 PFTrDA	*78.0*		*20 - 150*	*04/13/26 11:46*	*04/14/26 12:17*	*1*
13C2 PFTeDA	*83.4*		*20 - 130*	*04/13/26 11:46*	*04/14/26 12:17*	*1*
13C3 PFHxS	*85.5*		*40 - 130*	*04/13/26 11:46*	*04/14/26 12:17*	*1*
13C8 PFOS	*86.4*		*40 - 130*	*04/13/26 11:46*	*04/14/26 12:17*	*1*
13C8 FOSA	*82.5*		*40 - 130*	*04/13/26 11:46*	*04/14/26 12:17*	*1*
d3-NMeFOSAA	*76.9*		*40 - 135*	*04/13/26 11:46*	*04/14/26 12:17*	*1*
d5-NEtFOSAA	*74.1*		*40 - 150*	*04/13/26 11:46*	*04/14/26 12:17*	*1*
13C2 4:2 FTS	*83.8*		*40 - 165*	*04/13/26 11:46*	*04/14/26 12:17*	*1*
13C2 6:2 FTS	*78.2*		*40 - 215*	*04/13/26 11:46*	*04/14/26 12:17*	*1*
13C2 8:2 FTS	*79.4*		*40 - 275*	*04/13/26 11:46*	*04/14/26 12:17*	*1*
13C3 HFPO-DA	*86.7*		*40 - 130*	*04/13/26 11:46*	*04/14/26 12:17*	*1*
d7-N-MeFOSE-M	*75.4*		*20 - 130*	*04/13/26 11:46*	*04/14/26 12:17*	*1*
d9-N-EtFOSE-M	*76.7*		*15 - 130*	*04/13/26 11:46*	*04/14/26 12:17*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-4 (0.5')

Lab Sample ID: 880-70601-4
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 94.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtPFOSA	63.0		10 - 130	04/13/26 11:46	04/14/26 12:17	1
d3-NMePFOSA	57.2		10 - 130	04/13/26 11:46	04/14/26 12:17	1
13C3-3:3 FTCA	89.4		20 - 150	04/13/26 11:46	04/14/26 12:17	1
13C3-5:3 FTCA	94.2		20 - 150	04/13/26 11:46	04/14/26 12:17	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.202	U *+	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
Perfluorobutanesulfonic acid (PFBS)	<0.202	U *+	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
Perfluorooctanesulfonate (PFOS-)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
Perfluorooctanesulfonic acid (PFOS)	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
Potassium Perfluorobutane Sulfonate	<0.202	U *+	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1
Potassium Perfluorooctanesulfonate	<0.202	U	0.202		ug/Kg	☼	04/13/26 11:46	04/14/26 12:17	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	84.2		40 - 135	04/13/26 11:46	04/14/26 12:17	1
13C8 PFOS	86.4		40 - 130	04/13/26 11:46	04/14/26 12:17	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0926	U	0.0926		mg/Kg			04/23/26 20:38	1

Client Sample ID: CS-5 (0.5')

Lab Sample ID: 880-70601-5
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 94.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	0.0148	H	0.00838		mg/Kg		04/22/26 09:22	04/25/26 19:59	1
Phenol	<0.0168	U H	0.0168		mg/Kg		04/22/26 09:22	04/25/26 19:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	71		37 - 130	04/22/26 09:22	04/25/26 19:59	1
Nitrobenzene-d5 (Surr)	71		36 - 131	04/22/26 09:22	04/25/26 19:59	1
p-Terphenyl-d14 (Surr)	68		40 - 130	04/22/26 09:22	04/25/26 19:59	1
2,4,6-Tribromophenol (Surr)	88		35 - 140	04/22/26 09:22	04/25/26 19:59	1
2-Fluorophenol (Surr)	49		37 - 130	04/22/26 09:22	04/25/26 19:59	1
Phenol-d5 (Surr)	63		37 - 130	04/22/26 09:22	04/25/26 19:59	1

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<24.5	U	24.5		mg/Kg			04/10/26 22:00	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.184	U H	0.184		mg/Kg		05/08/26 14:29	05/12/26 17:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dinitrobenzene	109		70 - 130	05/08/26 14:29	05/12/26 17:48	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-5 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-5

Matrix: Solid
Percent Solids: 94.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.198	U	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.198	U	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.198	U	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.198	U	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.771**		0.397		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.397	U	0.397		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**24.7**		0.397		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.198	U	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.198	U	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.992	U	0.992		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.198	U	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.198	U	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.992	U	0.992		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.198	U	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
Perfluorobutanoic acid (PFBA)	<0.397	U	0.397		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
Perfluorodecanesulfonic acid (PFDS)	<0.198	U	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
Perfluorodecanoic acid (PFDA)	<0.198	U	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
Perfluorododecanesulfonic acid (PFDoS)	<0.198	U *1	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
Perfluorododecanoic acid (PFDoA)	<0.198	U	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.198	U	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.198	U	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
Perfluoroheptanoic acid (PFHpA)	<0.198	U	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.992	U	0.992		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
Perfluorohexanesulfonate (PFHxS-)	<0.198	U	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
Perfluorohexanesulfonic acid (PFHxS)	<0.198	U	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
Perfluorohexanoic acid (PFHxA)	**1.71**		0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.198	U	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.198	U	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
Perfluorononanesulfonic acid (PFNS)	<0.198	U	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
Perfluorononanoate (PFNA-)	<0.198	U	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
Perfluorononanoic acid (PFNA)	<0.198	U	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
Perfluorooctanesulfonamide (PFOSA)	<0.198	U	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
Perfluorooctanoate (PFOA-)	<0.198	U	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
Perfluorooctanoic acid (PFOA)	<0.198	U	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-5 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-5

Matrix: Solid
Percent Solids: 94.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanesulfonic acid (PFPeS)	<0.198	U	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
Perfluoropentanoic acid (PFPeA)	<0.198	U	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.992	U	0.992		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.397	U	0.397		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
Perfluorotetradecanoic acid (PFTeDA)	<0.198	U	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
Perfluorotridecanoic acid (PFTrDA)	<0.198	U	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
Perfluoroundecanoic acid (PFUnA)	<0.198	U	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*84.4*		*8 - 130*	*04/13/26 11:46*	*04/14/26 12:34*	*1*
13C5 PFPeA	*106*		*35 - 130*	*04/13/26 11:46*	*04/14/26 12:34*	*1*
13C5 PFHxA	*90.3*		*40 - 130*	*04/13/26 11:46*	*04/14/26 12:34*	*1*
13C4 PFHpA	*96.8*		*40 - 130*	*04/13/26 11:46*	*04/14/26 12:34*	*1*
13C8 PFOA	*88.0*		*40 - 130*	*04/13/26 11:46*	*04/14/26 12:34*	*1*
13C9 PFNA	*86.3*		*40 - 130*	*04/13/26 11:46*	*04/14/26 12:34*	*1*
13C6 PFDA	*75.4*		*40 - 130*	*04/13/26 11:46*	*04/14/26 12:34*	*1*
13C7 PFUnA	*71.8*		*40 - 130*	*04/13/26 11:46*	*04/14/26 12:34*	*1*
13C2 PFDoA	*68.8*		*40 - 130*	*04/13/26 11:46*	*04/14/26 12:34*	*1*
13C6 PFTrDA	*63.8*		*20 - 150*	*04/13/26 11:46*	*04/14/26 12:34*	*1*
13C2 PFTeDA	*70.8*		*20 - 130*	*04/13/26 11:46*	*04/14/26 12:34*	*1*
13C3 PFHxS	*86.3*		*40 - 130*	*04/13/26 11:46*	*04/14/26 12:34*	*1*
13C8 PFOS	*78.9*		*40 - 130*	*04/13/26 11:46*	*04/14/26 12:34*	*1*
13C8 FOSA	*77.7*		*40 - 130*	*04/13/26 11:46*	*04/14/26 12:34*	*1*
d3-NMeFOSAA	*66.8*		*40 - 135*	*04/13/26 11:46*	*04/14/26 12:34*	*1*
d5-NEtFOSAA	*68.8*		*40 - 150*	*04/13/26 11:46*	*04/14/26 12:34*	*1*
13C2 4:2 FTS	*82.4*		*40 - 165*	*04/13/26 11:46*	*04/14/26 12:34*	*1*
13C2 6:2 FTS	*76.7*		*40 - 215*	*04/13/26 11:46*	*04/14/26 12:34*	*1*
13C2 8:2 FTS	*71.1*		*40 - 275*	*04/13/26 11:46*	*04/14/26 12:34*	*1*
13C3 HFPO-DA	*86.0*		*40 - 130*	*04/13/26 11:46*	*04/14/26 12:34*	*1*
d7-N-MeFOSE-M	*62.9*		*20 - 130*	*04/13/26 11:46*	*04/14/26 12:34*	*1*
d9-N-EtFOSE-M	*66.6*		*15 - 130*	*04/13/26 11:46*	*04/14/26 12:34*	*1*
d5-NEtPFOSA	*59.7*		*10 - 130*	*04/13/26 11:46*	*04/14/26 12:34*	*1*
d3-NMePFOSA	*52.9*		*10 - 130*	*04/13/26 11:46*	*04/14/26 12:34*	*1*
13C3-3:3 FTCA	*88.1*		*20 - 150*	*04/13/26 11:46*	*04/14/26 12:34*	*1*
13C3-5:3 FTCA	*88.1*		*20 - 150*	*04/13/26 11:46*	*04/14/26 12:34*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.198	U *+	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
Perfluorobutanesulfonic acid (PFBS)	<0.198	U *+	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
Perfluorooctanesulfonate (PFOS-)	<0.198	U	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
Perfluorooctanesulfonic acid (PFOS)	<0.198	U	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
Potassium Perfluorobutane Sulfonate	<0.198	U *+	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1
Potassium Perfluorooctanesulfonate	<0.198	U	0.198		ug/Kg	☼	04/13/26 11:46	04/14/26 12:34	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFBS	*78.2*		*40 - 135*	*04/13/26 11:46*	*04/14/26 12:34*	*1*
13C8 PFOS	*78.9*		*40 - 130*	*04/13/26 11:46*	*04/14/26 12:34*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-5 (0.5')

Lab Sample ID: 880-70601-5
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 94.2

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0942	U	0.0942		mg/Kg			04/23/26 20:41	1

Client Sample ID: CS-6 (0.5')

Lab Sample ID: 880-70601-6
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 95.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.00940	U H	0.00940		mg/Kg		04/22/26 05:49	04/26/26 10:21	1
Phenol	<0.0188	U H	0.0188		mg/Kg		04/22/26 05:49	04/26/26 10:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*37 - 130*	*04/22/26 05:49*	*04/26/26 10:21*	*1*
Nitrobenzene-d5 (Surr)	*76*		*36 - 131*	*04/22/26 05:49*	*04/26/26 10:21*	*1*
p-Terphenyl-d14 (Surr)	*88*		*40 - 130*	*04/22/26 05:49*	*04/26/26 10:21*	*1*
2,4,6-Tribromophenol (Surr)	*101*		*35 - 140*	*04/22/26 05:49*	*04/26/26 10:21*	*1*
2-Fluorophenol (Surr)	*63*		*37 - 130*	*04/22/26 05:49*	*04/26/26 10:21*	*1*
Phenol-d5 (Surr)	*58*		*37 - 130*	*04/22/26 05:49*	*04/26/26 10:21*	*1*

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<25.0	U	25.0		mg/Kg			04/10/26 22:17	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.188	U H	0.188		mg/Kg		05/08/26 14:29	05/12/26 18:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene	*108*		*70 - 130*	*05/08/26 14:29*	*05/12/26 18:10*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.537**		0.390		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.390	U	0.390		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**15.4**		0.390		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.974	U	0.974		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-6 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-6
Matrix: Solid
Percent Solids: 95.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.974	U	0.974		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
Perfluorobutanoic acid (PFBA)	<0.390	U	0.390		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
Perfluorodecanesulfonic acid (PFDS)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
Perfluorodecanoic acid (PFDA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
Perfluorododecanesulfonic acid (PFDoS)	<0.195	U *1	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
Perfluorododecanoic acid (PFDoA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
Perfluoroheptanoic acid (PFHpA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.974	U	0.974		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
Perfluorohexanesulfonate (PFHxS-)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
Perfluorohexanesulfonic acid (PFHxS)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
Perfluorohexanoic acid (PFHxA)	**0.970**		0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
Perfluorononanesulfonic acid (PFNS)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
Perfluorononanoate (PFNA-)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
Perfluorononanoic acid (PFNA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
Perfluorooctanesulfonamide (PFOSA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
Perfluorooctanoate (PFOA-)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
Perfluorooctanoic acid (PFOA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
Perfluoropentanesulfonic acid (PFPeS)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
Perfluoropentanoic acid (PFPeA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.974	U	0.974		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.390	U	0.390		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
Perfluorotetradecanoic acid (PFTeDA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
Perfluorotridecanoic acid (PFTrDA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
Perfluoroundecanoic acid (PFUnA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*80.0*		*8 - 130*	*04/13/26 11:46*	*04/14/26 12:51*	*1*
13C5 PFPeA	*104*		*35 - 130*	*04/13/26 11:46*	*04/14/26 12:51*	*1*
13C5 PFHxA	*87.8*		*40 - 130*	*04/13/26 11:46*	*04/14/26 12:51*	*1*
13C4 PFHpA	*95.7*		*40 - 130*	*04/13/26 11:46*	*04/14/26 12:51*	*1*
13C8 PFOA	*92.2*		*40 - 130*	*04/13/26 11:46*	*04/14/26 12:51*	*1*
13C9 PFNA	*83.5*		*40 - 130*	*04/13/26 11:46*	*04/14/26 12:51*	*1*
13C6 PFDA	*78.7*		*40 - 130*	*04/13/26 11:46*	*04/14/26 12:51*	*1*
13C7 PFUnA	*78.9*		*40 - 130*	*04/13/26 11:46*	*04/14/26 12:51*	*1*
13C2 PFDoA	*74.4*		*40 - 130*	*04/13/26 11:46*	*04/14/26 12:51*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-6 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-6

Matrix: Solid
Percent Solids: 95.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C6 PFTrDA	68.3		20 - 150	04/13/26 11:46	04/14/26 12:51	1
13C2 PFTeDA	69.0		20 - 130	04/13/26 11:46	04/14/26 12:51	1
13C3 PFHxS	82.0		40 - 130	04/13/26 11:46	04/14/26 12:51	1
13C8 PFOS	82.4		40 - 130	04/13/26 11:46	04/14/26 12:51	1
13C8 FOSA	88.5		40 - 130	04/13/26 11:46	04/14/26 12:51	1
d3-NMeFOSAA	73.1		40 - 135	04/13/26 11:46	04/14/26 12:51	1
d5-NEtFOSAA	71.0		40 - 150	04/13/26 11:46	04/14/26 12:51	1
13C2 4:2 FTS	80.2		40 - 165	04/13/26 11:46	04/14/26 12:51	1
13C2 6:2 FTS	79.0		40 - 215	04/13/26 11:46	04/14/26 12:51	1
13C2 8:2 FTS	77.5		40 - 275	04/13/26 11:46	04/14/26 12:51	1
13C3 HFPO-DA	88.7		40 - 130	04/13/26 11:46	04/14/26 12:51	1
d7-N-MeFOSE-M	62.5		20 - 130	04/13/26 11:46	04/14/26 12:51	1
d9-N-EtFOSE-M	64.2		15 - 130	04/13/26 11:46	04/14/26 12:51	1
d5-NEtPFOSA	72.2		10 - 130	04/13/26 11:46	04/14/26 12:51	1
d3-NMePFOSA	77.3		10 - 130	04/13/26 11:46	04/14/26 12:51	1
13C3-3:3 FTCA	88.7		20 - 150	04/13/26 11:46	04/14/26 12:51	1
13C3-5:3 FTCA	81.3		20 - 150	04/13/26 11:46	04/14/26 12:51	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.195	U *+	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
Perfluorobutanesulfonic acid (PFBS)	<0.195	U *+	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
Perfluorooctanesulfonate (PFOS-)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
Perfluorooctanesulfonic acid (PFOS)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
Potassium Perfluorobutane Sulfonate	<0.195	U *+	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1
Potassium Perfluorooctanesulfonate	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/14/26 12:51	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	80.8		40 - 135	04/13/26 11:46	04/14/26 12:51	1
13C8 PFOS	82.4		40 - 130	04/13/26 11:46	04/14/26 12:51	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0963	U	0.0963		mg/Kg			04/23/26 20:44	1

Client Sample ID: CS-7 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-7

Matrix: Solid
Percent Solids: 96.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.00874	U H	0.00874		mg/Kg		04/22/26 09:22	04/25/26 20:27	1
Phenol	<0.0175	U H	0.0175		mg/Kg		04/22/26 09:22	04/25/26 20:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	74		37 - 130	04/22/26 09:22	04/25/26 20:27	1
Nitrobenzene-d5 (Surr)	74		36 - 131	04/22/26 09:22	04/25/26 20:27	1
p-Terphenyl-d14 (Surr)	73		40 - 130	04/22/26 09:22	04/25/26 20:27	1
2,4,6-Tribromophenol (Surr)	98		35 - 140	04/22/26 09:22	04/25/26 20:27	1
2-Fluorophenol (Surr)	55		37 - 130	04/22/26 09:22	04/25/26 20:27	1
Phenol-d5 (Surr)	67		37 - 130	04/22/26 09:22	04/25/26 20:27	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-7 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-7

Matrix: Solid
Percent Solids: 96.4

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<24.5	U	24.5		mg/Kg			04/10/26 22:34	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.199	U H	0.199		mg/Kg		05/08/26 14:29	05/12/26 18:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene	*107*		*70 - 130*	*05/08/26 14:29*	*05/12/26 18:32*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.189	U	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.189	U	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.189	U	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.189	U	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.537**		0.379		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.379	U	0.379		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**19.0**		0.379		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.189	U	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.189	U	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.947	U	0.947		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.189	U	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.189	U	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.947	U	0.947		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.189	U	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
Perfluorobutanoic acid (PFBA)	<0.379	U	0.379		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
Perfluorodecanesulfonic acid (PFDS)	<0.189	U	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
Perfluorodecanoic acid (PFDA)	<0.189	U	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
Perfluorododecanesulfonic acid (PFDoS)	<0.189	U *1	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
Perfluorododecanoic acid (PFDoA)	<0.189	U	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.189	U	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.189	U	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
Perfluoroheptanoic acid (PFHpA)	<0.189	U	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.947	U	0.947		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
Perfluorohexanesulfonate (PFHxS-)	<0.189	U	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
Perfluorohexanesulfonic acid (PFHxS)	<0.189	U	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
Perfluorohexanoic acid (PFHxA)	**1.04**		0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-7 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-7

Matrix: Solid
Percent Solids: 96.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.189	U	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.189	U	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
Perfluorononanesulfonic acid (PFNS)	<0.189	U	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
Perfluorononanoate (PFNA-)	<0.189	U	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
Perfluorononanoic acid (PFNA)	<0.189	U	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
Perfluorooctanesulfonamide (PFOSA)	<0.189	U	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
Perfluorooctanoate (PFOA-)	<0.189	U	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
Perfluorooctanoic acid (PFOA)	<0.189	U	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
Perfluoropentanesulfonic acid (PFPeS)	<0.189	U	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
Perfluoropentanoic acid (PFPeA)	<0.189	U	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.947	U	0.947		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.379	U	0.379		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
Perfluorotetradecanoic acid (PFTeDA)	<0.189	U	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
Perfluorotridecanoic acid (PFTrDA)	<0.189	U	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
Perfluoroundecanoic acid (PFUnA)	<0.189	U	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*83.1*		*8 - 130*	*04/13/26 11:46*	*04/15/26 19:27*	*1*
13C5 PFPeA	*104*		*35 - 130*	*04/13/26 11:46*	*04/15/26 19:27*	*1*
13C5 PFHxA	*86.1*		*40 - 130*	*04/13/26 11:46*	*04/15/26 19:27*	*1*
13C4 PFHpA	*92.5*		*40 - 130*	*04/13/26 11:46*	*04/15/26 19:27*	*1*
13C8 PFOA	*88.3*		*40 - 130*	*04/13/26 11:46*	*04/15/26 19:27*	*1*
13C9 PFNA	*84.7*		*40 - 130*	*04/13/26 11:46*	*04/15/26 19:27*	*1*
13C6 PFDA	*69.4*		*40 - 130*	*04/13/26 11:46*	*04/15/26 19:27*	*1*
13C7 PFUnA	*70.9*		*40 - 130*	*04/13/26 11:46*	*04/15/26 19:27*	*1*
13C2 PFDoA	*69.7*		*40 - 130*	*04/13/26 11:46*	*04/15/26 19:27*	*1*
13C6 PFTrDA	*54.9*		*20 - 150*	*04/13/26 11:46*	*04/15/26 19:27*	*1*
13C2 PFTeDA	*67.4*		*20 - 130*	*04/13/26 11:46*	*04/15/26 19:27*	*1*
13C3 PFHxS	*78.8*		*40 - 130*	*04/13/26 11:46*	*04/15/26 19:27*	*1*
13C8 PFOS	*74.7*		*40 - 130*	*04/13/26 11:46*	*04/15/26 19:27*	*1*
13C8 FOSA	*82.2*		*40 - 130*	*04/13/26 11:46*	*04/15/26 19:27*	*1*
d3-NMeFOSAA	*72.0*		*40 - 135*	*04/13/26 11:46*	*04/15/26 19:27*	*1*
d5-NEtFOSAA	*64.2*		*40 - 150*	*04/13/26 11:46*	*04/15/26 19:27*	*1*
13C2 4:2 FTS	*77.7*		*40 - 165*	*04/13/26 11:46*	*04/15/26 19:27*	*1*
13C2 6:2 FTS	*81.4*		*40 - 215*	*04/13/26 11:46*	*04/15/26 19:27*	*1*
13C2 8:2 FTS	*75.1*		*40 - 275*	*04/13/26 11:46*	*04/15/26 19:27*	*1*
13C3 HFPO-DA	*82.7*		*40 - 130*	*04/13/26 11:46*	*04/15/26 19:27*	*1*
d7-N-MeFOSE-M	*48.4*		*20 - 130*	*04/13/26 11:46*	*04/15/26 19:27*	*1*
d9-N-EtFOSE-M	*55.5*		*15 - 130*	*04/13/26 11:46*	*04/15/26 19:27*	*1*
d5-NEtPFOSA	*52.1*		*10 - 130*	*04/13/26 11:46*	*04/15/26 19:27*	*1*
d3-NMePFOSA	*58.7*		*10 - 130*	*04/13/26 11:46*	*04/15/26 19:27*	*1*
13C3-3:3 FTCA	*80.4*		*20 - 150*	*04/13/26 11:46*	*04/15/26 19:27*	*1*
13C3-5:3 FTCA	*80.4*		*20 - 150*	*04/13/26 11:46*	*04/15/26 19:27*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.189	U *+	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-7 (0.5')

Lab Sample ID: 880-70601-7
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 96.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid (PFBS)	<0.189	U *+	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
Perfluorooctanesulfonate (PFOS-)	<0.189	U	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
Perfluorooctanesulfonic acid (PFOS)	<0.189	U	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
Potassium Perfluorobutane Sulfonate	<0.189	U *+	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1
Potassium Perfluorooctanesulfonate	<0.189	U	0.189		ug/Kg	☼	04/13/26 11:46	04/15/26 19:27	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFBS	*77.2*		*40 - 135*	*04/13/26 11:46*	*04/15/26 19:27*	*1*
13C8 PFOS	*74.7*		*40 - 130*	*04/13/26 11:46*	*04/15/26 19:27*	*1*

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0909	U	0.0909		mg/Kg			04/23/26 20:47	1

Client Sample ID: CS-8 (0.5')

Lab Sample ID: 880-70601-8
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 95.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.00942	U H	0.00942		mg/Kg		04/22/26 05:49	04/26/26 09:22	1
Phenol	<0.0188	U H	0.0188		mg/Kg		04/22/26 05:49	04/26/26 09:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*75*		*37 - 130*	*04/22/26 05:49*	*04/26/26 09:22*	*1*
Nitrobenzene-d5 (Surr)	*75*		*36 - 131*	*04/22/26 05:49*	*04/26/26 09:22*	*1*
p-Terphenyl-d14 (Surr)	*91*		*40 - 130*	*04/22/26 05:49*	*04/26/26 09:22*	*1*
2,4,6-Tribromophenol (Surr)	*98*		*35 - 140*	*04/22/26 05:49*	*04/26/26 09:22*	*1*
2-Fluorophenol (Surr)	*60*		*37 - 130*	*04/22/26 05:49*	*04/26/26 09:22*	*1*
Phenol-d5 (Surr)	*56*		*37 - 130*	*04/22/26 05:49*	*04/26/26 09:22*	*1*

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<25.0	U	25.0		mg/Kg			04/10/26 22:52	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.200	U H	0.200		mg/Kg		05/08/26 14:29	05/12/26 18:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene	*108*		*70 - 130*	*05/08/26 14:29*	*05/12/26 18:54*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-8 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-8
Matrix: Solid
Percent Solids: 95.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.533**		0.387		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.387	U	0.387		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**18.1**		0.387		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.967	U	0.967		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.967	U	0.967		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
Perfluorobutanoic acid (PFBA)	<0.387	U	0.387		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
Perfluorodecanesulfonic acid (PFDS)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
Perfluorodecanoic acid (PFDA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
Perfluorododecanesulfonic acid (PFDoS)	<0.193	U *1	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
Perfluorododecanoic acid (PFDoA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
Perfluoroheptanoic acid (PFHpA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.967	U	0.967		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
Perfluorohexanesulfonate (PFHxS-)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
Perfluorohexanesulfonic acid (PFHxS)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
Perfluorohexanoic acid (PFHxA)	**1.01**		0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
Perfluorononanesulfonic acid (PFNS)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
Perfluorononanoate (PFNA-)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
Perfluorononanoic acid (PFNA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
Perfluorooctanesulfonamide (PFOSA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
Perfluorooctanoate (PFOA-)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
Perfluorooctanoic acid (PFOA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
Perfluoropentanesulfonic acid (PFPeS)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
Perfluoropentanoic acid (PFPeA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.967	U	0.967		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.387	U	0.387		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
Perfluorotetradecanoic acid (PFTeDA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-8 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-8

Matrix: Solid
Percent Solids: 95.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotridecanoic acid (PFTrDA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
Perfluoroundecanoic acid (PFUnA)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*85.1*		*8 - 130*	*04/13/26 11:46*	*04/15/26 19:44*	*1*
13C5 PFPeA	*102*		*35 - 130*	*04/13/26 11:46*	*04/15/26 19:44*	*1*
13C5 PFHxA	*88.4*		*40 - 130*	*04/13/26 11:46*	*04/15/26 19:44*	*1*
13C4 PFHpA	*92.8*		*40 - 130*	*04/13/26 11:46*	*04/15/26 19:44*	*1*
13C8 PFOA	*89.8*		*40 - 130*	*04/13/26 11:46*	*04/15/26 19:44*	*1*
13C9 PFNA	*80.1*		*40 - 130*	*04/13/26 11:46*	*04/15/26 19:44*	*1*
13C6 PFDA	*70.6*		*40 - 130*	*04/13/26 11:46*	*04/15/26 19:44*	*1*
13C7 PFUnA	*72.1*		*40 - 130*	*04/13/26 11:46*	*04/15/26 19:44*	*1*
13C2 PFDoA	*62.6*		*40 - 130*	*04/13/26 11:46*	*04/15/26 19:44*	*1*
13C6 PFTrDA	*49.2*		*20 - 150*	*04/13/26 11:46*	*04/15/26 19:44*	*1*
13C2 PFTeDA	*66.4*		*20 - 130*	*04/13/26 11:46*	*04/15/26 19:44*	*1*
13C3 PFHxS	*79.7*		*40 - 130*	*04/13/26 11:46*	*04/15/26 19:44*	*1*
13C8 PFOS	*75.2*		*40 - 130*	*04/13/26 11:46*	*04/15/26 19:44*	*1*
13C8 FOSA	*76.7*		*40 - 130*	*04/13/26 11:46*	*04/15/26 19:44*	*1*
d3-NMeFOSAA	*62.1*		*40 - 135*	*04/13/26 11:46*	*04/15/26 19:44*	*1*
d5-NEtFOSAA	*62.0*		*40 - 150*	*04/13/26 11:46*	*04/15/26 19:44*	*1*
13C2 4:2 FTS	*81.0*		*40 - 165*	*04/13/26 11:46*	*04/15/26 19:44*	*1*
13C2 6:2 FTS	*81.5*		*40 - 215*	*04/13/26 11:46*	*04/15/26 19:44*	*1*
13C2 8:2 FTS	*72.3*		*40 - 275*	*04/13/26 11:46*	*04/15/26 19:44*	*1*
13C3 HFPO-DA	*76.7*		*40 - 130*	*04/13/26 11:46*	*04/15/26 19:44*	*1*
d7-N-MeFOSE-M	*42.6*		*20 - 130*	*04/13/26 11:46*	*04/15/26 19:44*	*1*
d9-N-EtFOSE-M	*49.6*		*15 - 130*	*04/13/26 11:46*	*04/15/26 19:44*	*1*
d5-NEtPFOSA	*53.6*		*10 - 130*	*04/13/26 11:46*	*04/15/26 19:44*	*1*
d3-NMePFOSA	*59.1*		*10 - 130*	*04/13/26 11:46*	*04/15/26 19:44*	*1*
13C3-3:3 FTCA	*76.5*		*20 - 150*	*04/13/26 11:46*	*04/15/26 19:44*	*1*
13C3-5:3 FTCA	*74.7*		*20 - 150*	*04/13/26 11:46*	*04/15/26 19:44*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.193	U *+	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
Perfluorobutanesulfonic acid (PFBS)	<0.193	U *+	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
Perfluorooctanesulfonate (PFOS-)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
Perfluorooctanesulfonic acid (PFOS)	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
Potassium Perfluorobutane Sulfonate	<0.193	U *+	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1
Potassium Perfluorooctanesulfonate	<0.193	U	0.193		ug/Kg	☼	04/13/26 11:46	04/15/26 19:44	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFBS	*76.5*		*40 - 135*	*04/13/26 11:46*	*04/15/26 19:44*	*1*
13C8 PFOS	*75.2*		*40 - 130*	*04/13/26 11:46*	*04/15/26 19:44*	*1*

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0975	U	0.0975		mg/Kg			04/23/26 20:50	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-9 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-9

Matrix: Solid
Percent Solids: 95.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.00960	U H	0.00960		mg/Kg		04/22/26 05:49	04/26/26 09:52	1
Phenol	<0.0192	U H	0.0192		mg/Kg		04/22/26 05:49	04/26/26 09:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*77*		*37 - 130*	*04/22/26 05:49*	*04/26/26 09:52*	*1*
Nitrobenzene-d5 (Surr)	*76*		*36 - 131*	*04/22/26 05:49*	*04/26/26 09:52*	*1*
p-Terphenyl-d14 (Surr)	*88*		*40 - 130*	*04/22/26 05:49*	*04/26/26 09:52*	*1*
2,4,6-Tribromophenol (Surr)	*103*		*35 - 140*	*04/22/26 05:49*	*04/26/26 09:52*	*1*
2-Fluorophenol (Surr)	*65*		*37 - 130*	*04/22/26 05:49*	*04/26/26 09:52*	*1*
Phenol-d5 (Surr)	*61*		*37 - 130*	*04/22/26 05:49*	*04/26/26 09:52*	*1*

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<24.0	U	24.0		mg/Kg			04/10/26 23:09	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.198	U H	0.198		mg/Kg		05/08/26 14:29	05/12/26 19:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene	*110*		*70 - 130*	*05/08/26 14:29*	*05/12/26 19:38*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.520**		0.383		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.383	U	0.383		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**16.5**		0.383		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.959	U	0.959		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.959	U	0.959		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
Perfluorobutanoic acid (PFBA)	<0.383	U	0.383		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
Perfluorodecanesulfonic acid (PFDS)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-9 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-9
Matrix: Solid
Percent Solids: 95.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanoic acid (PFDA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
Perfluorododecanesulfonic acid (PFDoS)	<0.192	U *1	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
Perfluorododecanoic acid (PFDoA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
Perfluoroheptanoic acid (PFHpA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.959	U	0.959		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
Perfluorohexanesulfonate (PFHxS-)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
Perfluorohexanesulfonic acid (PFHxS)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
Perfluorohexanoic acid (PFHxA)	**0.890**		0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
Perfluorononanesulfonic acid (PFNS)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
Perfluorononanoate (PFNA-)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
Perfluorononanoic acid (PFNA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
Perfluorooctanesulfonamide (PFOSA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
Perfluorooctanoate (PFOA-)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
Perfluorooctanoic acid (PFOA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
Perfluoropentanesulfonic acid (PFPeS)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
Perfluoropentanoic acid (PFPeA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.959	U	0.959		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.383	U	0.383		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
Perfluorotetradecanoic acid (PFTeDA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
Perfluorotridecanoic acid (PFTrDA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
Perfluoroundecanoic acid (PFUnA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*84.1*		*8 - 130*	*04/13/26 11:46*	*04/15/26 20:00*	*1*
13C5 PFPeA	*105*		*35 - 130*	*04/13/26 11:46*	*04/15/26 20:00*	*1*
13C5 PFHxA	*87.5*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:00*	*1*
13C4 PFHpA	*98.6*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:00*	*1*
13C8 PFOA	*98.6*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:00*	*1*
13C9 PFNA	*88.1*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:00*	*1*
13C6 PFDA	*79.5*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:00*	*1*
13C7 PFUnA	*91.1*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:00*	*1*
13C2 PFDoA	*80.7*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:00*	*1*
13C6 PFTrDA	*68.1*		*20 - 150*	*04/13/26 11:46*	*04/15/26 20:00*	*1*
13C2 PFTeDA	*76.6*		*20 - 130*	*04/13/26 11:46*	*04/15/26 20:00*	*1*
13C3 PFHxS	*82.0*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:00*	*1*
13C8 PFOS	*86.6*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:00*	*1*
13C8 FOSA	*84.0*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:00*	*1*
d3-NMeFOSAA	*75.7*		*40 - 135*	*04/13/26 11:46*	*04/15/26 20:00*	*1*
d5-NEtFOSAA	*76.8*		*40 - 150*	*04/13/26 11:46*	*04/15/26 20:00*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-9 (0.5')

Lab Sample ID: 880-70601-9
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 95.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 4:2 FTS	81.5		40 - 165	04/13/26 11:46	04/15/26 20:00	1
13C2 6:2 FTS	79.9		40 - 215	04/13/26 11:46	04/15/26 20:00	1
13C2 8:2 FTS	81.3		40 - 275	04/13/26 11:46	04/15/26 20:00	1
13C3 HFPO-DA	79.7		40 - 130	04/13/26 11:46	04/15/26 20:00	1
d7-N-MeFOSE-M	60.8		20 - 130	04/13/26 11:46	04/15/26 20:00	1
d9-N-EtFOSE-M	64.3		15 - 130	04/13/26 11:46	04/15/26 20:00	1
d5-NEtPFOSA	59.3		10 - 130	04/13/26 11:46	04/15/26 20:00	1
d3-NMePFOSA	56.5		10 - 130	04/13/26 11:46	04/15/26 20:00	1
13C3-3:3 FTCA	80.4		20 - 150	04/13/26 11:46	04/15/26 20:00	1
13C3-5:3 FTCA	80.3		20 - 150	04/13/26 11:46	04/15/26 20:00	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.192	U *+	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
Perfluorobutanesulfonic acid (PFBS)	<0.192	U *+	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
Perfluorooctanesulfonate (PFOS-)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
Perfluorooctanesulfonic acid (PFOS)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
Potassium Perfluorobutane Sulfonate	<0.192	U *+	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1
Potassium Perfluorooctanesulfonate	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 20:00	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	77.6		40 - 135	04/13/26 11:46	04/15/26 20:00	1
13C8 PFOS	86.6		40 - 130	04/13/26 11:46	04/15/26 20:00	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0947	U	0.0947		mg/Kg			04/23/26 20:53	1

Client Sample ID: CS-10 (0.5')

Lab Sample ID: 880-70601-10
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 97.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.00887	U H	0.00887		mg/Kg		04/22/26 09:22	04/25/26 20:55	1
Phenol	<0.0177	U H	0.0177		mg/Kg		04/22/26 09:22	04/25/26 20:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	152	S1+	37 - 130	04/22/26 09:22	04/25/26 20:55	1
Nitrobenzene-d5 (Surr)	161	S1+	36 - 131	04/22/26 09:22	04/25/26 20:55	1
p-Terphenyl-d14 (Surr)	128		40 - 130	04/22/26 09:22	04/25/26 20:55	1
2,4,6-Tribromophenol (Surr)	192	S1+	35 - 140	04/22/26 09:22	04/25/26 20:55	1
2-Fluorophenol (Surr)	112		37 - 130	04/22/26 09:22	04/25/26 20:55	1
Phenol-d5 (Surr)	140	S1+	37 - 130	04/22/26 09:22	04/25/26 20:55	1

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<25.0	U	25.0		mg/Kg			04/10/26 23:27	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.193	U H	0.193		mg/Kg		05/08/26 14:29	05/12/26 20:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-10 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-10

Matrix: Solid
Percent Solids: 97.8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dinitrobenzene	112		70 - 130	05/08/26 14:29	05/12/26 20:00	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.666**		0.392		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.392	U	0.392		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**21.5**		0.392		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.979	U	0.979		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.979	U	0.979		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
Perfluorobutanoic acid (PFBA)	<0.392	U	0.392		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
Perfluorodecanesulfonic acid (PFDS)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
Perfluorodecanoic acid (PFDA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
Perfluorododecanesulfonic acid (PFDoS)	<0.196	U *1	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
Perfluorododecanoic acid (PFDoA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
Perfluoroheptanoic acid (PFHpA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.979	U	0.979		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
Perfluorohexanesulfonate (PFHxS-)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
Perfluorohexanesulfonic acid (PFHxS)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
Perfluorohexanoic acid (PFHxA)	**1.36**		0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
Perfluorononanesulfonic acid (PFNS)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
Perfluorononanoate (PFNA-)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
Perfluorononanoic acid (PFNA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-10 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-10

Matrix: Solid
Percent Solids: 97.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonamide (PFOSA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
Perfluorooctanoate (PFOA-)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
Perfluorooctanoic acid (PFOA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
Perfluoropentanesulfonic acid (PFPeS)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
Perfluoropentanoic acid (PFPeA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.979	U	0.979		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.392	U	0.392		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
Perfluorotetradecanoic acid (PFTeDA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
Perfluorotridecanoic acid (PFTrDA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
Perfluoroundecanoic acid (PFUnA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*83.5*		*8 - 130*	*04/13/26 11:46*	*04/15/26 20:17*	*1*
13C5 PFPeA	*104*		*35 - 130*	*04/13/26 11:46*	*04/15/26 20:17*	*1*
13C5 PFHxA	*85.1*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:17*	*1*
13C4 PFHpA	*98.0*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:17*	*1*
13C8 PFOA	*93.4*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:17*	*1*
13C9 PFNA	*84.3*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:17*	*1*
13C6 PFDA	*79.2*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:17*	*1*
13C7 PFUnA	*77.6*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:17*	*1*
13C2 PFDoA	*69.8*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:17*	*1*
13C6 PFTrDA	*62.8*		*20 - 150*	*04/13/26 11:46*	*04/15/26 20:17*	*1*
13C2 PFTeDA	*81.0*		*20 - 130*	*04/13/26 11:46*	*04/15/26 20:17*	*1*
13C3 PFHxS	*82.7*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:17*	*1*
13C8 PFOS	*83.8*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:17*	*1*
13C8 FOSA	*85.7*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:17*	*1*
d3-NMeFOSAA	*73.9*		*40 - 135*	*04/13/26 11:46*	*04/15/26 20:17*	*1*
d5-NEtFOSAA	*73.0*		*40 - 150*	*04/13/26 11:46*	*04/15/26 20:17*	*1*
13C2 4:2 FTS	*81.3*		*40 - 165*	*04/13/26 11:46*	*04/15/26 20:17*	*1*
13C2 6:2 FTS	*84.2*		*40 - 215*	*04/13/26 11:46*	*04/15/26 20:17*	*1*
13C2 8:2 FTS	*82.4*		*40 - 275*	*04/13/26 11:46*	*04/15/26 20:17*	*1*
13C3 HFPO-DA	*83.0*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:17*	*1*
d7-N-MeFOSE-M	*60.5*		*20 - 130*	*04/13/26 11:46*	*04/15/26 20:17*	*1*
d9-N-EtFOSE-M	*65.5*		*15 - 130*	*04/13/26 11:46*	*04/15/26 20:17*	*1*
d5-NEtPFOSA	*56.0*		*10 - 130*	*04/13/26 11:46*	*04/15/26 20:17*	*1*
d3-NMePFOSA	*64.9*		*10 - 130*	*04/13/26 11:46*	*04/15/26 20:17*	*1*
13C3-3:3 FTCA	*70.6*		*20 - 150*	*04/13/26 11:46*	*04/15/26 20:17*	*1*
13C3-5:3 FTCA	*70.0*		*20 - 150*	*04/13/26 11:46*	*04/15/26 20:17*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.196	U *+	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
Perfluorobutanesulfonic acid (PFBS)	<0.196	U *+	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
Perfluorooctanesulfonate (PFOS-)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
Perfluorooctanesulfonic acid (PFOS)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
Potassium Perfluorobutane Sulfonate	<0.196	U *+	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1
Potassium Perfluorooctanesulfonate	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 20:17	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-10 (0.5')

Lab Sample ID: 880-70601-10
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 97.8

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFBS	*80.1*		*40 - 135*	*04/13/26 11:46*	*04/15/26 20:17*	*1*
13C8 PFOS	*83.8*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:17*	*1*

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0942	U	0.0942		mg/Kg			04/23/26 20:56	1

Client Sample ID: CS-11 (0.5')

Lab Sample ID: 880-70601-11
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 96.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.00874	U H	0.00874		mg/Kg		04/22/26 09:22	04/25/26 21:23	1
Phenol	<0.0175	U H	0.0175		mg/Kg		04/22/26 09:22	04/25/26 21:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*37 - 130*	*04/22/26 09:22*	*04/25/26 21:23*	*1*
Nitrobenzene-d5 (Surr)	*77*		*36 - 131*	*04/22/26 09:22*	*04/25/26 21:23*	*1*
p-Terphenyl-d14 (Surr)	*72*		*40 - 130*	*04/22/26 09:22*	*04/25/26 21:23*	*1*
2,4,6-Tribromophenol (Surr)	*101*		*35 - 140*	*04/22/26 09:22*	*04/25/26 21:23*	*1*
2-Fluorophenol (Surr)	*58*		*37 - 130*	*04/22/26 09:22*	*04/25/26 21:23*	*1*
Phenol-d5 (Surr)	*70*		*37 - 130*	*04/22/26 09:22*	*04/25/26 21:23*	*1*

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<25.0	U	25.0		mg/Kg			04/10/26 23:44	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.190	U H	0.190		mg/Kg		05/08/26 14:29	05/12/26 20:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene	*109*		*70 - 130*	*05/08/26 14:29*	*05/12/26 20:22*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.510**		0.381		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.381	U	0.381		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**28.4**		0.381		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-11 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-11
Matrix: Solid
Percent Solids: 96.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.953	U	0.953		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.953	U	0.953		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
Perfluorobutanoic acid (PFBA)	<0.381	U	0.381		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
Perfluorodecanesulfonic acid (PFDS)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
Perfluorodecanoic acid (PFDA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
Perfluorododecanesulfonic acid (PFDoS)	<0.191	U *1	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
Perfluorododecanoic acid (PFDoA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
Perfluoroheptanoic acid (PFHpA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.953	U	0.953		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
Perfluorohexanesulfonate (PFHxS-)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
Perfluorohexanesulfonic acid (PFHxS)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
Perfluorohexanoic acid (PFHxA)	**1.53**		0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
Perfluorononanesulfonic acid (PFNS)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
Perfluorononanoate (PFNA-)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
Perfluorononanoic acid (PFNA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
Perfluorooctanesulfonamide (PFOSA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
Perfluorooctanoate (PFOA-)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
Perfluorooctanoic acid (PFOA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
Perfluoropentanesulfonic acid (PFPeS)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
Perfluoropentanoic acid (PFPeA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.953	U	0.953		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.381	U	0.381		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
Perfluorotetradecanoic acid (PFTeDA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
Perfluorotridecanoic acid (PFTrDA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
Perfluoroundecanoic acid (PFUnA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*86.2*		*8 - 130*	*04/13/26 11:46*	*04/15/26 20:34*	*1*
13C5 PFPeA	*106*		*35 - 130*	*04/13/26 11:46*	*04/15/26 20:34*	*1*
13C5 PFHxA	*89.4*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:34*	*1*
13C4 PFHpA	*102*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:34*	*1*
13C8 PFOA	*98.1*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:34*	*1*
13C9 PFNA	*88.4*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:34*	*1*

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-11 (0.5')

Lab Sample ID: 880-70601-11
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 96.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C6 PFDA	81.6		40 - 130	04/13/26 11:46	04/15/26 20:34	1
13C7 PFUnA	84.9		40 - 130	04/13/26 11:46	04/15/26 20:34	1
13C2 PFDoA	83.4		40 - 130	04/13/26 11:46	04/15/26 20:34	1
13C6 PFTrDA	68.0		20 - 150	04/13/26 11:46	04/15/26 20:34	1
13C2 PFTeDA	80.3		20 - 130	04/13/26 11:46	04/15/26 20:34	1
13C3 PFHxS	89.7		40 - 130	04/13/26 11:46	04/15/26 20:34	1
13C8 PFOS	86.5		40 - 130	04/13/26 11:46	04/15/26 20:34	1
13C8 FOSA	86.7		40 - 130	04/13/26 11:46	04/15/26 20:34	1
d3-NMeFOSAA	74.2		40 - 135	04/13/26 11:46	04/15/26 20:34	1
d5-NEtFOSAA	71.1		40 - 150	04/13/26 11:46	04/15/26 20:34	1
13C2 4:2 FTS	79.3		40 - 165	04/13/26 11:46	04/15/26 20:34	1
13C2 6:2 FTS	90.7		40 - 215	04/13/26 11:46	04/15/26 20:34	1
13C2 8:2 FTS	86.1		40 - 275	04/13/26 11:46	04/15/26 20:34	1
13C3 HFPO-DA	86.9		40 - 130	04/13/26 11:46	04/15/26 20:34	1
d7-N-MeFOSE-M	53.7		20 - 130	04/13/26 11:46	04/15/26 20:34	1
d9-N-EtFOSE-M	61.7		15 - 130	04/13/26 11:46	04/15/26 20:34	1
d5-NEtPFOSA	51.7		10 - 130	04/13/26 11:46	04/15/26 20:34	1
d3-NMePFOSA	50.8		10 - 130	04/13/26 11:46	04/15/26 20:34	1
13C3-3:3 FTCA	82.2		20 - 150	04/13/26 11:46	04/15/26 20:34	1
13C3-5:3 FTCA	75.8		20 - 150	04/13/26 11:46	04/15/26 20:34	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.191	U *+	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
Perfluorobutanesulfonic acid (PFBS)	<0.191	U *+	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
Perfluorooctanesulfonate (PFOS-)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
Perfluorooctanesulfonic acid (PFOS)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
Potassium Perfluorobutane Sulfonate	<0.191	U *+	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1
Potassium Perfluorooctanesulfonate	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 20:34	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	87.5		40 - 135	04/13/26 11:46	04/15/26 20:34	1
13C8 PFOS	86.5		40 - 130	04/13/26 11:46	04/15/26 20:34	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0923	U	0.0923		mg/Kg			04/23/26 20:59	1

Client Sample ID: CS-12 (0.5')

Lab Sample ID: 880-70601-12
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 96.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.00986	U H	0.00986		mg/Kg		04/22/26 05:49	04/26/26 10:08	1
Phenol	<0.0197	U H	0.0197		mg/Kg		04/22/26 05:49	04/26/26 10:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	71		37 - 130	04/22/26 05:49	04/26/26 10:08	1
Nitrobenzene-d5 (Surr)	71		36 - 131	04/22/26 05:49	04/26/26 10:08	1
p-Terphenyl-d14 (Surr)	122		40 - 130	04/22/26 05:49	04/26/26 10:08	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-12 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-12

Matrix: Solid
Percent Solids: 96.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	*79*		*35 - 140*	*04/22/26 05:49*	*04/26/26 10:08*	*1*
2-Fluorophenol (Surr)	*61*		*37 - 130*	*04/22/26 05:49*	*04/26/26 10:08*	*1*
Phenol-d5 (Surr)	*65*		*37 - 130*	*04/22/26 05:49*	*04/26/26 10:08*	*1*

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<24.3	U	24.3		mg/Kg			04/11/26 00:02	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.183	U H	0.183		mg/Kg		05/08/26 14:29	05/12/26 20:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dinitrobenzene	*111*		*70 - 130*	*05/08/26 14:29*	*05/12/26 20:44*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.388	U	0.388		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.388	U	0.388		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**17.9**		0.388		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.971	U	0.971		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.971	U	0.971		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
Perfluorobutanoic acid (PFBA)	<0.388	U	0.388		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
Perfluorodecanesulfonic acid (PFDS)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
Perfluorodecanoic acid (PFDA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
Perfluorododecanesulfonic acid (PFDoS)	<0.194	U *1	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
Perfluorododecanoic acid (PFDoA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-12 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-12
Matrix: Solid
Percent Solids: 96.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanesulfonic acid (PFHpS)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
Perfluoroheptanoic acid (PFHpA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.971	U	0.971		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
Perfluorohexanesulfonate (PFHxS-)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
Perfluorohexanesulfonic acid (PFHxS)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
Perfluorohexanoic acid (PFHxA)	**1.20**		0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
Perfluorononanesulfonic acid (PFNS)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
Perfluorononanoate (PFNA-)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
Perfluorononanoic acid (PFNA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
Perfluorooctanesulfonamide (PFOSA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
Perfluorooctanoate (PFOA-)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
Perfluorooctanoic acid (PFOA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
Perfluoropentanesulfonic acid (PFPeS)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
Perfluoropentanoic acid (PFPeA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.971	U	0.971		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.388	U	0.388		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
Perfluorotetradecanoic acid (PFTeDA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
Perfluorotridecanoic acid (PFTrDA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
Perfluoroundecanoic acid (PFUnA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*84.8*		*8 - 130*	*04/13/26 11:46*	*04/15/26 20:50*	*1*
13C5 PFPeA	*107*		*35 - 130*	*04/13/26 11:46*	*04/15/26 20:50*	*1*
13C5 PFHxA	*89.9*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:50*	*1*
13C4 PFHpA	*103*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:50*	*1*
13C8 PFOA	*92.6*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:50*	*1*
13C9 PFNA	*96.4*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:50*	*1*
13C6 PFDA	*76.5*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:50*	*1*
13C7 PFUnA	*80.4*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:50*	*1*
13C2 PFDoA	*79.7*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:50*	*1*
13C6 PFTrDA	*59.6*		*20 - 150*	*04/13/26 11:46*	*04/15/26 20:50*	*1*
13C2 PFTeDA	*72.7*		*20 - 130*	*04/13/26 11:46*	*04/15/26 20:50*	*1*
13C3 PFHxS	*83.2*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:50*	*1*
13C8 PFOS	*83.0*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:50*	*1*
13C8 FOSA	*89.9*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:50*	*1*
d3-NMeFOSAA	*69.0*		*40 - 135*	*04/13/26 11:46*	*04/15/26 20:50*	*1*
d5-NEtFOSAA	*64.6*		*40 - 150*	*04/13/26 11:46*	*04/15/26 20:50*	*1*
13C2 4:2 FTS	*83.1*		*40 - 165*	*04/13/26 11:46*	*04/15/26 20:50*	*1*
13C2 6:2 FTS	*84.6*		*40 - 215*	*04/13/26 11:46*	*04/15/26 20:50*	*1*
13C2 8:2 FTS	*85.0*		*40 - 275*	*04/13/26 11:46*	*04/15/26 20:50*	*1*
13C3 HFPO-DA	*82.8*		*40 - 130*	*04/13/26 11:46*	*04/15/26 20:50*	*1*
d7-N-MeFOSE-M	*48.7*		*20 - 130*	*04/13/26 11:46*	*04/15/26 20:50*	*1*
d9-N-EtFOSE-M	*57.0*		*15 - 130*	*04/13/26 11:46*	*04/15/26 20:50*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-12 (0.5')

Lab Sample ID: 880-70601-12
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 96.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtPFOSA	66.6		10 - 130	04/13/26 11:46	04/15/26 20:50	1
d3-NMePFOSA	70.3		10 - 130	04/13/26 11:46	04/15/26 20:50	1
13C3-3:3 FTCA	78.1		20 - 150	04/13/26 11:46	04/15/26 20:50	1
13C3-5:3 FTCA	85.2		20 - 150	04/13/26 11:46	04/15/26 20:50	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.194	U *+	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
Perfluorobutanesulfonic acid (PFBS)	<0.194	U *+	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
Perfluorooctanesulfonate (PFOS-)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
Perfluorooctanesulfonic acid (PFOS)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
Potassium Perfluorobutane Sulfonate	<0.194	U *+	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1
Potassium Perfluorooctanesulfonate	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 20:50	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	81.3		40 - 135	04/13/26 11:46	04/15/26 20:50	1
13C8 PFOS	83.0		40 - 130	04/13/26 11:46	04/15/26 20:50	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0929	U	0.0929		mg/Kg			04/23/26 21:20	1

Client Sample ID: CS-13 (0.5')

Lab Sample ID: 880-70601-13
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 97.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.00893	U H	0.00893		mg/Kg		04/22/26 09:22	04/25/26 21:51	1
Phenol	<0.0179	U H	0.0179		mg/Kg		04/22/26 09:22	04/25/26 21:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	72		37 - 130	04/22/26 09:22	04/25/26 21:51	1
Nitrobenzene-d5 (Surr)	78		36 - 131	04/22/26 09:22	04/25/26 21:51	1
p-Terphenyl-d14 (Surr)	71		40 - 130	04/22/26 09:22	04/25/26 21:51	1
2,4,6-Tribromophenol (Surr)	108		35 - 140	04/22/26 09:22	04/25/26 21:51	1
2-Fluorophenol (Surr)	53		37 - 130	04/22/26 09:22	04/25/26 21:51	1
Phenol-d5 (Surr)	69		37 - 130	04/22/26 09:22	04/25/26 21:51	1

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<24.8	U	24.8		mg/Kg			04/11/26 00:19	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.186	U H	0.186		mg/Kg		05/08/26 14:29	05/12/26 21:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dinitrobenzene	109		70 - 130	05/08/26 14:29	05/12/26 21:06	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-13 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-13

Matrix: Solid
Percent Solids: 97.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.617**		0.393		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.393	U	0.393		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**23.5**		0.393		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.982	U	0.982		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.982	U	0.982		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
Perfluorobutanoic acid (PFBA)	<0.393	U	0.393		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
Perfluorodecanesulfonic acid (PFDS)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
Perfluorodecanoic acid (PFDA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
Perfluorododecanesulfonic acid (PFDoS)	<0.196	U *1	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
Perfluorododecanoic acid (PFDoA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
Perfluoroheptanoic acid (PFHpA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.982	U	0.982		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
Perfluorohexanesulfonate (PFHxS-)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
Perfluorohexanesulfonic acid (PFHxS)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
Perfluorohexanoic acid (PFHxA)	**1.51**		0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
Perfluorononanesulfonic acid (PFNS)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
Perfluorononanoate (PFNA-)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
Perfluorononanoic acid (PFNA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
Perfluorooctanesulfonamide (PFOSA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
Perfluorooctanoate (PFOA-)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
Perfluorooctanoic acid (PFOA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-13 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-13
Matrix: Solid
Percent Solids: 97.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanesulfonic acid (PFPeS)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
Perfluoropentanoic acid (PFPeA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.982	U	0.982		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.393	U	0.393		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
Perfluorotetradecanoic acid (PFTeDA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
Perfluorotridecanoic acid (PFTrDA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
Perfluoroundecanoic acid (PFUnA)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*83.7*		*8 - 130*	*04/13/26 11:46*	*04/15/26 21:07*	*1*
13C5 PFPeA	*104*		*35 - 130*	*04/13/26 11:46*	*04/15/26 21:07*	*1*
13C5 PFHxA	*83.7*		*40 - 130*	*04/13/26 11:46*	*04/15/26 21:07*	*1*
13C4 PFHpA	*93.3*		*40 - 130*	*04/13/26 11:46*	*04/15/26 21:07*	*1*
13C8 PFOA	*90.5*		*40 - 130*	*04/13/26 11:46*	*04/15/26 21:07*	*1*
13C9 PFNA	*86.8*		*40 - 130*	*04/13/26 11:46*	*04/15/26 21:07*	*1*
13C6 PFDA	*81.9*		*40 - 130*	*04/13/26 11:46*	*04/15/26 21:07*	*1*
13C7 PFUnA	*85.2*		*40 - 130*	*04/13/26 11:46*	*04/15/26 21:07*	*1*
13C2 PFDoA	*83.7*		*40 - 130*	*04/13/26 11:46*	*04/15/26 21:07*	*1*
13C6 PFTrDA	*67.9*		*20 - 150*	*04/13/26 11:46*	*04/15/26 21:07*	*1*
13C2 PFTeDA	*77.3*		*20 - 130*	*04/13/26 11:46*	*04/15/26 21:07*	*1*
13C3 PFHxS	*85.1*		*40 - 130*	*04/13/26 11:46*	*04/15/26 21:07*	*1*
13C8 PFOS	*84.4*		*40 - 130*	*04/13/26 11:46*	*04/15/26 21:07*	*1*
13C8 FOSA	*88.3*		*40 - 130*	*04/13/26 11:46*	*04/15/26 21:07*	*1*
d3-NMeFOSAA	*75.7*		*40 - 135*	*04/13/26 11:46*	*04/15/26 21:07*	*1*
d5-NEtFOSAA	*79.9*		*40 - 150*	*04/13/26 11:46*	*04/15/26 21:07*	*1*
13C2 4:2 FTS	*77.3*		*40 - 165*	*04/13/26 11:46*	*04/15/26 21:07*	*1*
13C2 6:2 FTS	*81.6*		*40 - 215*	*04/13/26 11:46*	*04/15/26 21:07*	*1*
13C2 8:2 FTS	*81.6*		*40 - 275*	*04/13/26 11:46*	*04/15/26 21:07*	*1*
13C3 HFPO-DA	*83.0*		*40 - 130*	*04/13/26 11:46*	*04/15/26 21:07*	*1*
d7-N-MeFOSE-M	*61.3*		*20 - 130*	*04/13/26 11:46*	*04/15/26 21:07*	*1*
d9-N-EtFOSE-M	*68.4*		*15 - 130*	*04/13/26 11:46*	*04/15/26 21:07*	*1*
d5-NEtPFOSA	*69.7*		*10 - 130*	*04/13/26 11:46*	*04/15/26 21:07*	*1*
d3-NMePFOSA	*72.2*		*10 - 130*	*04/13/26 11:46*	*04/15/26 21:07*	*1*
13C3-3:3 FTCA	*82.8*		*20 - 150*	*04/13/26 11:46*	*04/15/26 21:07*	*1*
13C3-5:3 FTCA	*76.0*		*20 - 150*	*04/13/26 11:46*	*04/15/26 21:07*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.196	U *+	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
Perfluorobutanesulfonic acid (PFBS)	<0.196	U *+	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
Perfluorooctanesulfonate (PFOS-)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
Perfluorooctanesulfonic acid (PFOS)	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
Potassium Perfluorobutane Sulfonate	<0.196	U *+	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1
Potassium Perfluorooctanesulfonate	<0.196	U	0.196		ug/Kg	☼	04/13/26 11:46	04/15/26 21:07	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFBS	*78.5*		*40 - 135*	*04/13/26 11:46*	*04/15/26 21:07*	*1*
13C8 PFOS	*84.4*		*40 - 130*	*04/13/26 11:46*	*04/15/26 21:07*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-13 (0.5')

Lab Sample ID: 880-70601-13
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 97.0

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0940	U	0.0940		mg/Kg			04/23/26 21:23	1

Client Sample ID: CS-14 (0.5')

Lab Sample ID: 880-70601-14
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 96.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.00899	U H	0.00899		mg/Kg		04/22/26 09:22	04/25/26 22:19	1
Phenol	<0.0180	U H	0.0180		mg/Kg		04/22/26 09:22	04/25/26 22:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*77*		*37 - 130*	*04/22/26 09:22*	*04/25/26 22:19*	*1*
Nitrobenzene-d5 (Surr)	*87*		*36 - 131*	*04/22/26 09:22*	*04/25/26 22:19*	*1*
p-Terphenyl-d14 (Surr)	*72*		*40 - 130*	*04/22/26 09:22*	*04/25/26 22:19*	*1*
2,4,6-Tribromophenol (Surr)	*113*		*35 - 140*	*04/22/26 09:22*	*04/25/26 22:19*	*1*
2-Fluorophenol (Surr)	*59*		*37 - 130*	*04/22/26 09:22*	*04/25/26 22:19*	*1*
Phenol-d5 (Surr)	*74*		*37 - 130*	*04/22/26 09:22*	*04/25/26 22:19*	*1*

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<23.8	U	23.8		mg/Kg			04/11/26 00:37	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.195	U H	0.195		mg/Kg		05/08/26 14:29	05/12/26 21:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene	*109*		*70 - 130*	*05/08/26 14:29*	*05/12/26 21:28*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.451**		0.391		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.391	U	0.391		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**20.0**		0.391		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.977	U	0.977		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-14 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-14
Matrix: Solid
Percent Solids: 96.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.977	U	0.977		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
Perfluorobutanoic acid (PFBA)	<0.391	U	0.391		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
Perfluorodecanesulfonic acid (PFDS)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
Perfluorodecanoic acid (PFDA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
Perfluorododecanesulfonic acid (PFDoS)	<0.195	U *1	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
Perfluorododecanoic acid (PFDoA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
Perfluoroheptanoic acid (PFHpA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.977	U	0.977		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
Perfluorohexanesulfonate (PFHxS-)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
Perfluorohexanesulfonic acid (PFHxS)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
Perfluorohexanoic acid (PFHxA)	**1.10**		0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
Perfluorononanesulfonic acid (PFNS)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
Perfluorononanoate (PFNA-)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
Perfluorononanoic acid (PFNA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
Perfluorooctanesulfonamide (PFOSA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
Perfluorooctanoate (PFOA-)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
Perfluorooctanoic acid (PFOA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
Perfluoropentanesulfonic acid (PFPeS)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
Perfluoropentanoic acid (PFPeA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.977	U	0.977		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.391	U	0.391		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
Perfluorotetradecanoic acid (PFTeDA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
Perfluorotridecanoic acid (PFTrDA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
Perfluoroundecanoic acid (PFUnA)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*85.7*		*8 - 130*	*04/13/26 11:46*	*04/15/26 21:24*	*1*
13C5 PFPeA	*104*		*35 - 130*	*04/13/26 11:46*	*04/15/26 21:24*	*1*
13C5 PFHxA	*87.5*		*40 - 130*	*04/13/26 11:46*	*04/15/26 21:24*	*1*
13C4 PFHpA	*95.9*		*40 - 130*	*04/13/26 11:46*	*04/15/26 21:24*	*1*
13C8 PFOA	*91.8*		*40 - 130*	*04/13/26 11:46*	*04/15/26 21:24*	*1*
13C9 PFNA	*89.9*		*40 - 130*	*04/13/26 11:46*	*04/15/26 21:24*	*1*
13C6 PFDA	*80.2*		*40 - 130*	*04/13/26 11:46*	*04/15/26 21:24*	*1*
13C7 PFUnA	*88.5*		*40 - 130*	*04/13/26 11:46*	*04/15/26 21:24*	*1*
13C2 PFDoA	*86.1*		*40 - 130*	*04/13/26 11:46*	*04/15/26 21:24*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-14 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-14

Matrix: Solid
Percent Solids: 96.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C6 PFTrDA	75.5		20 - 150	04/13/26 11:46	04/15/26 21:24	1
13C2 PFTeDA	86.8		20 - 130	04/13/26 11:46	04/15/26 21:24	1
13C3 PFHxS	84.7		40 - 130	04/13/26 11:46	04/15/26 21:24	1
13C8 PFOS	85.2		40 - 130	04/13/26 11:46	04/15/26 21:24	1
13C8 FOSA	86.2		40 - 130	04/13/26 11:46	04/15/26 21:24	1
d3-NMeFOSAA	77.1		40 - 135	04/13/26 11:46	04/15/26 21:24	1
d5-NEtFOSAA	78.5		40 - 150	04/13/26 11:46	04/15/26 21:24	1
13C2 4:2 FTS	81.3		40 - 165	04/13/26 11:46	04/15/26 21:24	1
13C2 6:2 FTS	81.9		40 - 215	04/13/26 11:46	04/15/26 21:24	1
13C2 8:2 FTS	83.4		40 - 275	04/13/26 11:46	04/15/26 21:24	1
13C3 HFPO-DA	78.9		40 - 130	04/13/26 11:46	04/15/26 21:24	1
d7-N-MeFOSE-M	79.4		20 - 130	04/13/26 11:46	04/15/26 21:24	1
d9-N-EtFOSE-M	79.9		15 - 130	04/13/26 11:46	04/15/26 21:24	1
d5-NEtPFOSA	61.6		10 - 130	04/13/26 11:46	04/15/26 21:24	1
d3-NMePFOSA	57.1		10 - 130	04/13/26 11:46	04/15/26 21:24	1
13C3-3:3 FTCA	76.7		20 - 150	04/13/26 11:46	04/15/26 21:24	1
13C3-5:3 FTCA	78.7		20 - 150	04/13/26 11:46	04/15/26 21:24	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.195	U *+	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
Perfluorobutanesulfonic acid (PFBS)	<0.195	U *+	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
Perfluorooctanesulfonate (PFOS-)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
Perfluorooctanesulfonic acid (PFOS)	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
Potassium Perfluorobutane Sulfonate	<0.195	U *+	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1
Potassium Perfluorooctanesulfonate	<0.195	U	0.195		ug/Kg	☼	04/13/26 11:46	04/15/26 21:24	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	85.6		40 - 135	04/13/26 11:46	04/15/26 21:24	1
13C8 PFOS	85.2		40 - 130	04/13/26 11:46	04/15/26 21:24	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0909	U	0.0909		mg/Kg			04/23/26 21:26	1

Client Sample ID: CS-15 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-15

Matrix: Solid
Percent Solids: 97.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	**0.0308**	**H**	0.00909		mg/Kg		04/22/26 09:22	04/25/26 22:48	1
Phenol	<0.0182	U H	0.0182		mg/Kg		04/22/26 09:22	04/25/26 22:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	48		37 - 130	04/22/26 09:22	04/25/26 22:48	1
Nitrobenzene-d5 (Surr)	49		36 - 131	04/22/26 09:22	04/25/26 22:48	1
p-Terphenyl-d14 (Surr)	44		40 - 130	04/22/26 09:22	04/25/26 22:48	1
2,4,6-Tribromophenol (Surr)	65		35 - 140	04/22/26 09:22	04/25/26 22:48	1
2-Fluorophenol (Surr)	31	S1-	37 - 130	04/22/26 09:22	04/25/26 22:48	1
Phenol-d5 (Surr)	42		37 - 130	04/22/26 09:22	04/25/26 22:48	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-15 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-15

Matrix: Solid
Percent Solids: 97.2

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<24.0	U	24.0		mg/Kg			04/11/26 00:54	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.190	U H	0.190		mg/Kg		05/08/26 14:29	05/12/26 21:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene	*110*		*70 - 130*	*05/08/26 14:29*	*05/12/26 21:50*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.383	U	0.383		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.383	U	0.383		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**16.4**		0.383		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.957	U	0.957		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.957	U	0.957		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
Perfluorobutanoic acid (PFBA)	<0.383	U	0.383		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
Perfluorodecanesulfonic acid (PFDS)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
Perfluorodecanoic acid (PFDA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
Perfluorododecanesulfonic acid (PFDoS)	<0.191	U *1	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
Perfluorododecanoic acid (PFDoA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
Perfluoroheptanoic acid (PFHpA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.957	U	0.957		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
Perfluorohexanesulfonate (PFHxS-)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
Perfluorohexanesulfonic acid (PFHxS)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
Perfluorohexanoic acid (PFHxA)	**1.11**		0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-15 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-15
Matrix: Solid
Percent Solids: 97.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
Perfluorononanesulfonic acid (PFNS)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
Perfluorononanoate (PFNA-)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
Perfluorononanoic acid (PFNA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
Perfluorooctanesulfonamide (PFOSA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
Perfluorooctanoate (PFOA-)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
Perfluorooctanoic acid (PFOA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
Perfluoropentanesulfonic acid (PFPeS)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
Perfluoropentanoic acid (PFPeA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.957	U	0.957		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.383	U	0.383		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
Perfluorotetradecanoic acid (PFTeDA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
Perfluorotridecanoic acid (PFTrDA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
Perfluoroundecanoic acid (PFUnA)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*87.6*		*8 - 130*	*04/13/26 11:46*	*04/15/26 21:40*	*1*
13C5 PFPeA	*105*		*35 - 130*	*04/13/26 11:46*	*04/15/26 21:40*	*1*
13C5 PFHxA	*87.3*		*40 - 130*	*04/13/26 11:46*	*04/15/26 21:40*	*1*
13C4 PFHpA	*96.4*		*40 - 130*	*04/13/26 11:46*	*04/15/26 21:40*	*1*
13C8 PFOA	*90.8*		*40 - 130*	*04/13/26 11:46*	*04/15/26 21:40*	*1*
13C9 PFNA	*92.6*		*40 - 130*	*04/13/26 11:46*	*04/15/26 21:40*	*1*
13C6 PFDA	*82.7*		*40 - 130*	*04/13/26 11:46*	*04/15/26 21:40*	*1*
13C7 PFUnA	*83.7*		*40 - 130*	*04/13/26 11:46*	*04/15/26 21:40*	*1*
13C2 PFDoA	*78.5*		*40 - 130*	*04/13/26 11:46*	*04/15/26 21:40*	*1*
13C6 PFTrDA	*64.7*		*20 - 150*	*04/13/26 11:46*	*04/15/26 21:40*	*1*
13C2 PFTeDA	*76.9*		*20 - 130*	*04/13/26 11:46*	*04/15/26 21:40*	*1*
13C3 PFHxS	*84.4*		*40 - 130*	*04/13/26 11:46*	*04/15/26 21:40*	*1*
13C8 PFOS	*85.3*		*40 - 130*	*04/13/26 11:46*	*04/15/26 21:40*	*1*
13C8 FOSA	*79.3*		*40 - 130*	*04/13/26 11:46*	*04/15/26 21:40*	*1*
d3-NMeFOSAA	*72.9*		*40 - 135*	*04/13/26 11:46*	*04/15/26 21:40*	*1*
d5-NEtFOSAA	*72.9*		*40 - 150*	*04/13/26 11:46*	*04/15/26 21:40*	*1*
13C2 4:2 FTS	*78.6*		*40 - 165*	*04/13/26 11:46*	*04/15/26 21:40*	*1*
13C2 6:2 FTS	*83.9*		*40 - 215*	*04/13/26 11:46*	*04/15/26 21:40*	*1*
13C2 8:2 FTS	*83.7*		*40 - 275*	*04/13/26 11:46*	*04/15/26 21:40*	*1*
13C3 HFPO-DA	*81.9*		*40 - 130*	*04/13/26 11:46*	*04/15/26 21:40*	*1*
d7-N-MeFOSE-M	*54.0*		*20 - 130*	*04/13/26 11:46*	*04/15/26 21:40*	*1*
d9-N-EtFOSE-M	*58.4*		*15 - 130*	*04/13/26 11:46*	*04/15/26 21:40*	*1*
d5-NEtPFOSA	*55.1*		*10 - 130*	*04/13/26 11:46*	*04/15/26 21:40*	*1*
d3-NMePFOSA	*51.0*		*10 - 130*	*04/13/26 11:46*	*04/15/26 21:40*	*1*
13C3-3:3 FTCA	*76.9*		*20 - 150*	*04/13/26 11:46*	*04/15/26 21:40*	*1*
13C3-5:3 FTCA	*68.7*		*20 - 150*	*04/13/26 11:46*	*04/15/26 21:40*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.191	U *+	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-15 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-15

Matrix: Solid
Percent Solids: 97.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid (PFBS)	<0.191	U *+	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
Perfluorooctanesulfonate (PFOS-)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
Perfluorooctanesulfonic acid (PFOS)	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
Potassium Perfluorobutane Sulfonate	<0.191	U *+	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1
Potassium Perfluorooctanesulfonate	<0.191	U	0.191		ug/Kg	☼	04/13/26 11:46	04/15/26 21:40	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFBS	*76.7*		*40 - 135*	*04/13/26 11:46*	*04/15/26 21:40*	*1*
13C8 PFOS	*85.3*		*40 - 130*	*04/13/26 11:46*	*04/15/26 21:40*	*1*

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0969	U	0.0969		mg/Kg			04/23/26 21:29	1

Client Sample ID: CS-16 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-16

Matrix: Solid
Percent Solids: 98.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.00952	U H	0.00952		mg/Kg		04/22/26 09:22	04/25/26 23:15	1
Phenol	<0.0190	U H	0.0190		mg/Kg		04/22/26 09:22	04/25/26 23:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*76*		*37 - 130*	*04/22/26 09:22*	*04/25/26 23:15*	*1*
Nitrobenzene-d5 (Surr)	*88*		*36 - 131*	*04/22/26 09:22*	*04/25/26 23:15*	*1*
p-Terphenyl-d14 (Surr)	*71*		*40 - 130*	*04/22/26 09:22*	*04/25/26 23:15*	*1*
2,4,6-Tribromophenol (Surr)	*110*		*35 - 140*	*04/22/26 09:22*	*04/25/26 23:15*	*1*
2-Fluorophenol (Surr)	*53*		*37 - 130*	*04/22/26 09:22*	*04/25/26 23:15*	*1*
Phenol-d5 (Surr)	*71*		*37 - 130*	*04/22/26 09:22*	*04/25/26 23:15*	*1*

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<24.5	U	24.5		mg/Kg			04/11/26 01:12	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.196	U H	0.196		mg/Kg		05/08/26 14:29	05/12/26 22:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene	*110*		*70 - 130*	*05/08/26 14:29*	*05/12/26 22:12*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.200	U	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.200	U	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.200	U	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.200	U	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-16 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-16
Matrix: Solid
Percent Solids: 98.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.905**		0.400		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.400	U	0.400		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**39.7**		0.400		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.200	U	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.200	U	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<1.00	U	1.00		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.200	U	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.200	U	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<1.00	U	1.00		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.200	U	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
Perfluorobutanoic acid (PFBA)	<0.400	U	0.400		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
Perfluorodecanesulfonic acid (PFDS)	<0.200	U	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
Perfluorodecanoic acid (PFDA)	<0.200	U	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
Perfluorododecanesulfonic acid (PFDoS)	<0.200	U *1	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
Perfluorododecanoic acid (PFDoA)	<0.200	U	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.200	U	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.200	U	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
Perfluoroheptanoic acid (PFHpA)	<0.200	U	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<1.00	U	1.00		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
Perfluorohexanesulfonate (PFHxS-)	<0.200	U	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
Perfluorohexanesulfonic acid (PFHxS)	<0.200	U	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
Perfluorohexanoic acid (PFHxA)	**2.66**		0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.200	U	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.200	U	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
Perfluorononanesulfonic acid (PFNS)	<0.200	U	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
Perfluorononanoate (PFNA-)	<0.200	U	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
Perfluorononanoic acid (PFNA)	<0.200	U	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
Perfluorooctanesulfonamide (PFOSA)	<0.200	U	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
Perfluorooctanoate (PFOA-)	<0.200	U	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
Perfluorooctanoic acid (PFOA)	<0.200	U	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
Perfluoropentanesulfonic acid (PFPeS)	<0.200	U	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
Perfluoropentanoic acid (PFPeA)	**0.240**		0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<1.00	U	1.00		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.400	U	0.400		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
Perfluorotetradecanoic acid (PFTeDA)	<0.200	U	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-16 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-16

Matrix: Solid
Percent Solids: 98.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotridecanoic acid (PFTrDA)	<0.200	U	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
Perfluoroundecanoic acid (PFUnA)	<0.200	U	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*83.6*		*8 - 130*	*04/13/26 11:46*	*04/15/26 22:47*	*1*
13C5 PFPeA	*105*		*35 - 130*	*04/13/26 11:46*	*04/15/26 22:47*	*1*
13C5 PFHxA	*84.7*		*40 - 130*	*04/13/26 11:46*	*04/15/26 22:47*	*1*
13C4 PFHpA	*101*		*40 - 130*	*04/13/26 11:46*	*04/15/26 22:47*	*1*
13C8 PFOA	*95.7*		*40 - 130*	*04/13/26 11:46*	*04/15/26 22:47*	*1*
13C9 PFNA	*91.6*		*40 - 130*	*04/13/26 11:46*	*04/15/26 22:47*	*1*
13C6 PFDA	*82.5*		*40 - 130*	*04/13/26 11:46*	*04/15/26 22:47*	*1*
13C7 PFUnA	*79.1*		*40 - 130*	*04/13/26 11:46*	*04/15/26 22:47*	*1*
13C2 PFDoA	*76.1*		*40 - 130*	*04/13/26 11:46*	*04/15/26 22:47*	*1*
13C6 PFTrDA	*70.4*		*20 - 150*	*04/13/26 11:46*	*04/15/26 22:47*	*1*
13C2 PFTeDA	*73.6*		*20 - 130*	*04/13/26 11:46*	*04/15/26 22:47*	*1*
13C3 PFHxS	*84.9*		*40 - 130*	*04/13/26 11:46*	*04/15/26 22:47*	*1*
13C8 PFOS	*85.8*		*40 - 130*	*04/13/26 11:46*	*04/15/26 22:47*	*1*
13C8 FOSA	*88.5*		*40 - 130*	*04/13/26 11:46*	*04/15/26 22:47*	*1*
d3-NMeFOSAA	*75.8*		*40 - 135*	*04/13/26 11:46*	*04/15/26 22:47*	*1*
d5-NEtFOSAA	*80.4*		*40 - 150*	*04/13/26 11:46*	*04/15/26 22:47*	*1*
13C2 4:2 FTS	*77.9*		*40 - 165*	*04/13/26 11:46*	*04/15/26 22:47*	*1*
13C2 6:2 FTS	*74.6*		*40 - 215*	*04/13/26 11:46*	*04/15/26 22:47*	*1*
13C2 8:2 FTS	*83.7*		*40 - 275*	*04/13/26 11:46*	*04/15/26 22:47*	*1*
13C3 HFPO-DA	*81.1*		*40 - 130*	*04/13/26 11:46*	*04/15/26 22:47*	*1*
d7-N-MeFOSE-M	*62.9*		*20 - 130*	*04/13/26 11:46*	*04/15/26 22:47*	*1*
d9-N-EtFOSE-M	*69.2*		*15 - 130*	*04/13/26 11:46*	*04/15/26 22:47*	*1*
d5-NEtPFOSA	*65.9*		*10 - 130*	*04/13/26 11:46*	*04/15/26 22:47*	*1*
d3-NMePFOSA	*70.9*		*10 - 130*	*04/13/26 11:46*	*04/15/26 22:47*	*1*
13C3-3:3 FTCA	*76.8*		*20 - 150*	*04/13/26 11:46*	*04/15/26 22:47*	*1*
13C3-5:3 FTCA	*65.8*		*20 - 150*	*04/13/26 11:46*	*04/15/26 22:47*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.200	U *+	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
Perfluorobutanesulfonic acid (PFBS)	<0.200	U *+	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
Perfluorooctanesulfonate (PFOS-)	<0.200	U	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
Perfluorooctanesulfonic acid (PFOS)	<0.200	U	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
Potassium Perfluorobutane Sulfonate	<0.200	U *+	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1
Potassium Perfluorooctanesulfonate	<0.200	U	0.200		ug/Kg	☼	04/13/26 11:46	04/15/26 22:47	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFBS	*82.8*		*40 - 135*	*04/13/26 11:46*	*04/15/26 22:47*	*1*
13C8 PFOS	*85.8*		*40 - 130*	*04/13/26 11:46*	*04/15/26 22:47*	*1*

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0933	U	0.0933		mg/Kg			04/23/26 21:32	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-17 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-17

Matrix: Solid
Percent Solids: 96.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.00912	U H	0.00912		mg/Kg		04/22/26 09:22	04/26/26 03:23	1
Phenol	<0.0182	U H	0.0182		mg/Kg		04/22/26 09:22	04/26/26 03:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*149*	*S1+*	*37 - 130*	*04/22/26 09:22*	*04/26/26 03:23*	*1*
Nitrobenzene-d5 (Surr)	*152*	*S1+*	*36 - 131*	*04/22/26 09:22*	*04/26/26 03:23*	*1*
p-Terphenyl-d14 (Surr)	*152*	*S1+*	*40 - 130*	*04/22/26 09:22*	*04/26/26 03:23*	*1*
2,4,6-Tribromophenol (Surr)	*146*	*S1+*	*35 - 140*	*04/22/26 09:22*	*04/26/26 03:23*	*1*
2-Fluorophenol (Surr)	*131*	*S1+*	*37 - 130*	*04/22/26 09:22*	*04/26/26 03:23*	*1*
Phenol-d5 (Surr)	*134*	*S1+*	*37 - 130*	*04/22/26 09:22*	*04/26/26 03:23*	*1*

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<25.0	U	25.0		mg/Kg			04/11/26 01:30	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.194	U H	0.194		mg/Kg		05/08/26 14:29	05/12/26 22:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene	*111*		*70 - 130*	*05/08/26 14:29*	*05/12/26 22:34*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.197	U	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.197	U	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.197	U	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.197	U	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.443**		0.394		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.394	U	0.394		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**14.9**		0.394		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.197	U	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.197	U	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.986	U	0.986		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.197	U	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.197	U	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.986	U	0.986		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.197	U	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
Perfluorobutanoic acid (PFBA)	<0.394	U	0.394		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
Perfluorodecanesulfonic acid (PFDS)	<0.197	U	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-17 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-17
Matrix: Solid
Percent Solids: 96.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanoic acid (PFDA)	<0.197	U	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
Perfluorododecanesulfonic acid (PFDoS)	<0.197	U *1	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
Perfluorododecanoic acid (PFDoA)	<0.197	U	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.197	U	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.197	U	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
Perfluoroheptanoic acid (PFHpA)	<0.197	U	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.986	U	0.986		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
Perfluorohexanesulfonate (PFHxS-)	<0.197	U	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
Perfluorohexanesulfonic acid (PFHxS)	<0.197	U	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
Perfluorohexanoic acid (PFHxA)	**0.770**		0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.197	U	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.197	U	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
Perfluorononanesulfonic acid (PFNS)	<0.197	U	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
Perfluorononanoate (PFNA-)	<0.197	U	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
Perfluorononanoic acid (PFNA)	<0.197	U	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
Perfluorooctanesulfonamide (PFOSA)	<0.197	U	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
Perfluorooctanoate (PFOA-)	<0.197	U	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
Perfluorooctanoic acid (PFOA)	<0.197	U	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
Perfluoropentanesulfonic acid (PFPeS)	<0.197	U	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
Perfluoropentanoic acid (PFPeA)	<0.197	U	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.986	U	0.986		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.394	U	0.394		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
Perfluorotetradecanoic acid (PFTeDA)	<0.197	U	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
Perfluorotridecanoic acid (PFTrDA)	<0.197	U	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
Perfluoroundecanoic acid (PFUnA)	<0.197	U	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*87.5*		*8 - 130*	*04/13/26 11:46*	*04/15/26 23:04*	*1*
13C5 PFPeA	*101*		*35 - 130*	*04/13/26 11:46*	*04/15/26 23:04*	*1*
13C5 PFHxA	*89.3*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:04*	*1*
13C4 PFHpA	*95.6*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:04*	*1*
13C8 PFOA	*89.9*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:04*	*1*
13C9 PFNA	*85.6*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:04*	*1*
13C6 PFDA	*69.6*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:04*	*1*
13C7 PFUnA	*75.3*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:04*	*1*
13C2 PFDoA	*63.5*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:04*	*1*
13C6 PFTrDA	*54.5*		*20 - 150*	*04/13/26 11:46*	*04/15/26 23:04*	*1*
13C2 PFTeDA	*68.0*		*20 - 130*	*04/13/26 11:46*	*04/15/26 23:04*	*1*
13C3 PFHxS	*84.9*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:04*	*1*
13C8 PFOS	*76.0*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:04*	*1*
13C8 FOSA	*74.9*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:04*	*1*
d3-NMeFOSAA	*63.6*		*40 - 135*	*04/13/26 11:46*	*04/15/26 23:04*	*1*
d5-NEtFOSAA	*62.5*		*40 - 150*	*04/13/26 11:46*	*04/15/26 23:04*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-17 (0.5')

Lab Sample ID: 880-70601-17
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 96.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 4:2 FTS	77.2		40 - 165	04/13/26 11:46	04/15/26 23:04	1
13C2 6:2 FTS	81.7		40 - 215	04/13/26 11:46	04/15/26 23:04	1
13C2 8:2 FTS	74.6		40 - 275	04/13/26 11:46	04/15/26 23:04	1
13C3 HFPO-DA	81.4		40 - 130	04/13/26 11:46	04/15/26 23:04	1
d7-N-MeFOSE-M	45.9		20 - 130	04/13/26 11:46	04/15/26 23:04	1
d9-N-EtFOSE-M	51.2		15 - 130	04/13/26 11:46	04/15/26 23:04	1
d5-NEtPFOSA	48.2		10 - 130	04/13/26 11:46	04/15/26 23:04	1
d3-NMePFOSA	53.9		10 - 130	04/13/26 11:46	04/15/26 23:04	1
13C3-3:3 FTCA	77.2		20 - 150	04/13/26 11:46	04/15/26 23:04	1
13C3-5:3 FTCA	81.1		20 - 150	04/13/26 11:46	04/15/26 23:04	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.197	U *+	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
Perfluorobutanesulfonic acid (PFBS)	<0.197	U *+	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
Perfluorooctanesulfonate (PFOS-)	<0.197	U	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
Perfluorooctanesulfonic acid (PFOS)	<0.197	U	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
Potassium Perfluorobutane Sulfonate	<0.197	U *+	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1
Potassium Perfluorooctanesulfonate	<0.197	U	0.197		ug/Kg	☼	04/13/26 11:46	04/15/26 23:04	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	81.1		40 - 135	04/13/26 11:46	04/15/26 23:04	1
13C8 PFOS	76.0		40 - 130	04/13/26 11:46	04/15/26 23:04	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0919	U	0.0919		mg/Kg			04/23/26 21:35	1

Client Sample ID: CS-18 (0.5')

Lab Sample ID: 880-70601-18
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 95.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.00933	U H	0.00933		mg/Kg		04/22/26 09:22	04/25/26 23:13	1
Phenol	<0.0187	U H	0.0187		mg/Kg		04/22/26 09:22	04/25/26 23:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	77		37 - 130	04/22/26 09:22	04/25/26 23:13	1
Nitrobenzene-d5 (Surr)	77		36 - 131	04/22/26 09:22	04/25/26 23:13	1
p-Terphenyl-d14 (Surr)	80		40 - 130	04/22/26 09:22	04/25/26 23:13	1
2,4,6-Tribromophenol (Surr)	93		35 - 140	04/22/26 09:22	04/25/26 23:13	1
2-Fluorophenol (Surr)	60		37 - 130	04/22/26 09:22	04/25/26 23:13	1
Phenol-d5 (Surr)	82		37 - 130	04/22/26 09:22	04/25/26 23:13	1

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<24.5	U	24.5		mg/Kg			04/11/26 01:47	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.191	U H	0.191		mg/Kg		05/08/26 14:29	05/12/26 23:18	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-18 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-18

Matrix: Solid
Percent Solids: 95.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dinitrobenzene	110		70 - 130	05/08/26 14:29	05/12/26 23:18	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.199	U	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.199	U	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.199	U	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.199	U	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.397	U	0.397		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.397	U	0.397		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**11.5**		0.397		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.199	U	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.199	U	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.993	U	0.993		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.199	U	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.199	U	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.993	U	0.993		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.199	U	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
Perfluorobutanoic acid (PFBA)	<0.397	U	0.397		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
Perfluorodecanesulfonic acid (PFDS)	<0.199	U	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
Perfluorodecanoic acid (PFDA)	<0.199	U	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
Perfluorododecanesulfonic acid (PFDoS)	<0.199	U *1	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
Perfluorododecanoic acid (PFDoA)	<0.199	U	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.199	U	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.199	U	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
Perfluoroheptanoic acid (PFHpA)	<0.199	U	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.993	U	0.993		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
Perfluorohexanesulfonate (PFHxS-)	<0.199	U	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
Perfluorohexanesulfonic acid (PFHxS)	<0.199	U	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
Perfluorohexanoic acid (PFHxA)	**0.643**		0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.199	U	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.199	U	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
Perfluorononanesulfonic acid (PFNS)	<0.199	U	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
Perfluorononanoate (PFNA-)	<0.199	U	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
Perfluorononanoic acid (PFNA)	<0.199	U	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-18 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-18
Matrix: Solid
Percent Solids: 95.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonamide (PFOSA)	<0.199	U	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
Perfluorooctanoate (PFOA-)	<0.199	U	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
Perfluorooctanoic acid (PFOA)	<0.199	U	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
Perfluoropentanesulfonic acid (PFPeS)	<0.199	U	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
Perfluoropentanoic acid (PFPeA)	<0.199	U	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.993	U	0.993		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.397	U	0.397		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
Perfluorotetradecanoic acid (PFTeDA)	<0.199	U	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
Perfluorotridecanoic acid (PFTrDA)	<0.199	U	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
Perfluoroundecanoic acid (PFUnA)	<0.199	U	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*86.8*		*8 - 130*	*04/13/26 11:46*	*04/15/26 23:21*	*1*
13C5 PFPeA	*107*		*35 - 130*	*04/13/26 11:46*	*04/15/26 23:21*	*1*
13C5 PFHxA	*90.7*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:21*	*1*
13C4 PFHpA	*99.3*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:21*	*1*
13C8 PFOA	*88.4*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:21*	*1*
13C9 PFNA	*91.1*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:21*	*1*
13C6 PFDA	*81.5*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:21*	*1*
13C7 PFUnA	*79.0*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:21*	*1*
13C2 PFDoA	*76.3*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:21*	*1*
13C6 PFTrDA	*65.3*		*20 - 150*	*04/13/26 11:46*	*04/15/26 23:21*	*1*
13C2 PFTeDA	*83.1*		*20 - 130*	*04/13/26 11:46*	*04/15/26 23:21*	*1*
13C3 PFHxS	*85.4*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:21*	*1*
13C8 PFOS	*84.5*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:21*	*1*
13C8 FOSA	*80.0*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:21*	*1*
d3-NMeFOSAA	*74.4*		*40 - 135*	*04/13/26 11:46*	*04/15/26 23:21*	*1*
d5-NEtFOSAA	*73.6*		*40 - 150*	*04/13/26 11:46*	*04/15/26 23:21*	*1*
13C2 4:2 FTS	*83.9*		*40 - 165*	*04/13/26 11:46*	*04/15/26 23:21*	*1*
13C2 6:2 FTS	*86.9*		*40 - 215*	*04/13/26 11:46*	*04/15/26 23:21*	*1*
13C2 8:2 FTS	*84.0*		*40 - 275*	*04/13/26 11:46*	*04/15/26 23:21*	*1*
13C3 HFPO-DA	*85.1*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:21*	*1*
d7-N-MeFOSE-M	*63.8*		*20 - 130*	*04/13/26 11:46*	*04/15/26 23:21*	*1*
d9-N-EtFOSE-M	*66.9*		*15 - 130*	*04/13/26 11:46*	*04/15/26 23:21*	*1*
d5-NEtPFOSA	*56.2*		*10 - 130*	*04/13/26 11:46*	*04/15/26 23:21*	*1*
d3-NMePFOSA	*57.4*		*10 - 130*	*04/13/26 11:46*	*04/15/26 23:21*	*1*
13C3-3:3 FTCA	*81.6*		*20 - 150*	*04/13/26 11:46*	*04/15/26 23:21*	*1*
13C3-5:3 FTCA	*85.4*		*20 - 150*	*04/13/26 11:46*	*04/15/26 23:21*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.199	U *+	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
Perfluorobutanesulfonic acid (PFBS)	<0.199	U *+	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
Perfluorooctanesulfonate (PFOS-)	<0.199	U	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
Perfluorooctanesulfonic acid (PFOS)	<0.199	U	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
Potassium Perfluorobutane Sulfonate	<0.199	U *+	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1
Potassium Perfluorooctanesulfonate	<0.199	U	0.199		ug/Kg	☼	04/13/26 11:46	04/15/26 23:21	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-18 (0.5')

Lab Sample ID: 880-70601-18
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 95.9

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFBS	*83.7*		*40 - 135*	*04/13/26 11:46*	*04/15/26 23:21*	*1*
13C8 PFOS	*84.5*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:21*	*1*

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0982	U	0.0982		mg/Kg			04/23/26 21:38	1

Client Sample ID: CS-19 (0.5')

Lab Sample ID: 880-70601-19
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 95.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.00958	U H	0.00958		mg/Kg		04/22/26 05:49	04/26/26 04:28	1
Phenol	<0.0192	U H	0.0192		mg/Kg		04/22/26 05:49	04/26/26 04:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*76*		*37 - 130*	*04/22/26 05:49*	*04/26/26 04:28*	*1*
Nitrobenzene-d5 (Surr)	*78*		*36 - 131*	*04/22/26 05:49*	*04/26/26 04:28*	*1*
p-Terphenyl-d14 (Surr)	*82*		*40 - 130*	*04/22/26 05:49*	*04/26/26 04:28*	*1*
2,4,6-Tribromophenol (Surr)	*94*		*35 - 140*	*04/22/26 05:49*	*04/26/26 04:28*	*1*
2-Fluorophenol (Surr)	*66*		*37 - 130*	*04/22/26 05:49*	*04/26/26 04:28*	*1*
Phenol-d5 (Surr)	*59*		*37 - 130*	*04/22/26 05:49*	*04/26/26 04:28*	*1*

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<24.0	U	24.0		mg/Kg			04/11/26 02:04	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.199	U H	0.199		mg/Kg		05/08/26 14:29	05/13/26 00:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene	*110*		*70 - 130*	*05/08/26 14:29*	*05/13/26 00:23*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.593**		0.390		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.390	U	0.390		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**19.1**		0.390		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-19 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-19
Matrix: Solid
Percent Solids: 95.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.975	U	0.975		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.975	U	0.975		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
Perfluorobutanoic acid (PFBA)	<0.390	U	0.390		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
Perfluorodecanesulfonic acid (PFDS)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
Perfluorodecanoic acid (PFDA)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
Perfluorododecanesulfonic acid (PFDoS)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
Perfluorododecanoic acid (PFDoA)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
Perfluoroheptanoic acid (PFHpA)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.975	U	0.975		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
Perfluorohexanesulfonate (PFHxS-)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
Perfluorohexanesulfonic acid (PFHxS)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
Perfluorohexanoic acid (PFHxA)	**1.32**		0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
Perfluorononanesulfonic acid (PFNS)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
Perfluorononanoate (PFNA-)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
Perfluorononanoic acid (PFNA)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
Perfluorooctanesulfonamide (PFOSA)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
Perfluorooctanoate (PFOA-)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
Perfluorooctanoic acid (PFOA)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
Perfluoropentanesulfonic acid (PFPeS)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
Perfluoropentanoic acid (PFPeA)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.975	U	0.975		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.390	U	0.390		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
Perfluorotetradecanoic acid (PFTeDA)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
Perfluorotridecanoic acid (PFTrDA)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
Perfluoroundecanoic acid (PFUnA)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*77.2*		*8 - 130*	*04/12/26 20:14*	*04/14/26 14:34*	*1*
13C5 PFPeA	*91.7*		*35 - 130*	*04/12/26 20:14*	*04/14/26 14:34*	*1*
13C5 PFHxA	*83.3*		*40 - 130*	*04/12/26 20:14*	*04/14/26 14:34*	*1*
13C4 PFHpA	*77.6*		*40 - 130*	*04/12/26 20:14*	*04/14/26 14:34*	*1*
13C8 PFOA	*80.3*		*40 - 130*	*04/12/26 20:14*	*04/14/26 14:34*	*1*
13C9 PFNA	*80.1*		*40 - 130*	*04/12/26 20:14*	*04/14/26 14:34*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-19 (0.5')

Lab Sample ID: 880-70601-19
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 95.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C6 PFDA	78.6		40 - 130	04/12/26 20:14	04/14/26 14:34	1
13C7 PFUnA	86.1		40 - 130	04/12/26 20:14	04/14/26 14:34	1
13C2 PFDoA	83.7		40 - 130	04/12/26 20:14	04/14/26 14:34	1
13C6 PFTrDA	80.1		20 - 150	04/12/26 20:14	04/14/26 14:34	1
13C2 PFTeDA	84.0		20 - 130	04/12/26 20:14	04/14/26 14:34	1
13C3 PFHxS	77.3		40 - 130	04/12/26 20:14	04/14/26 14:34	1
13C8 PFOS	83.4		40 - 130	04/12/26 20:14	04/14/26 14:34	1
13C8 FOSA	69.8		40 - 130	04/12/26 20:14	04/14/26 14:34	1
d3-NMeFOSAA	70.9		40 - 135	04/12/26 20:14	04/14/26 14:34	1
d5-NEtFOSAA	68.2		40 - 150	04/12/26 20:14	04/14/26 14:34	1
13C2 4:2 FTS	102		40 - 165	04/12/26 20:14	04/14/26 14:34	1
13C2 6:2 FTS	77.4		40 - 215	04/12/26 20:14	04/14/26 14:34	1
13C2 8:2 FTS	77.0		40 - 275	04/12/26 20:14	04/14/26 14:34	1
13C3 HFPO-DA	75.9		40 - 130	04/12/26 20:14	04/14/26 14:34	1
d7-N-MeFOSE-M	68.8		20 - 130	04/12/26 20:14	04/14/26 14:34	1
d9-N-EtFOSE-M	72.1		15 - 130	04/12/26 20:14	04/14/26 14:34	1
d5-NEtPFOSA	71.1		10 - 130	04/12/26 20:14	04/14/26 14:34	1
d3-NMePFOSA	67.0		10 - 130	04/12/26 20:14	04/14/26 14:34	1
13C3-3:3 FTCA	74.2		20 - 150	04/12/26 20:14	04/14/26 14:34	1
13C3-5:3 FTCA	65.2		20 - 150	04/12/26 20:14	04/14/26 14:34	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
Perfluorobutanesulfonic acid (PFBS)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
Perfluorooctanesulfonate (PFOS-)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
Perfluorooctanesulfonic acid (PFOS)	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
Potassium Perfluorobutane Sulfonate	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1
Potassium Perfluorooctanesulfonate	<0.195	U	0.195		ug/Kg	☼	04/12/26 20:14	04/14/26 14:34	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	83.2		40 - 135	04/12/26 20:14	04/14/26 14:34	1
13C8 PFOS	83.4		40 - 130	04/12/26 20:14	04/14/26 14:34	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0982	U	0.0982		mg/Kg			04/23/26 21:41	1

Client Sample ID: CS-20 (0.5')

Lab Sample ID: 880-70601-20
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 95.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.00980	U H	0.00980		mg/Kg		04/22/26 05:49	04/26/26 05:27	1
Phenol	<0.0196	U H	0.0196		mg/Kg		04/22/26 05:49	04/26/26 05:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	74		37 - 130	04/22/26 05:49	04/26/26 05:27	1
Nitrobenzene-d5 (Surr)	77		36 - 131	04/22/26 05:49	04/26/26 05:27	1
p-Terphenyl-d14 (Surr)	84		40 - 130	04/22/26 05:49	04/26/26 05:27	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-20 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-20

Matrix: Solid
Percent Solids: 95.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	*95*		*35 - 140*	*04/22/26 05:49*	*04/26/26 05:27*	*1*
2-Fluorophenol (Surr)	*64*		*37 - 130*	*04/22/26 05:49*	*04/26/26 05:27*	*1*
Phenol-d5 (Surr)	*57*		*37 - 130*	*04/22/26 05:49*	*04/26/26 05:27*	*1*

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<24.6	U	24.6		mg/Kg			04/11/26 02:22	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.195	U H	0.195		mg/Kg		05/08/26 14:29	05/13/26 00:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dinitrobenzene	*111*		*70 - 130*	*05/08/26 14:29*	*05/13/26 00:45*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.396	U	0.396		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.396	U	0.396		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.396	U	0.396		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.989	U	0.989		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.989	U	0.989		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
Perfluorobutanoic acid (PFBA)	<0.396	U	0.396		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
Perfluorodecanesulfonic acid (PFDS)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
Perfluorodecanoic acid (PFDA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
Perfluorododecanesulfonic acid (PFDoS)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
Perfluorododecanoic acid (PFDoA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-20 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-20
Matrix: Solid
Percent Solids: 95.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanesulfonic acid (PFHpS)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
Perfluoroheptanoic acid (PFHpA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.989	U	0.989		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
Perfluorohexanesulfonate (PFHxS-)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
Perfluorohexanesulfonic acid (PFHxS)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
Perfluorohexanoic acid (PFHxA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
Perfluorononanesulfonic acid (PFNS)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
Perfluorononanoate (PFNA-)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
Perfluorononanoic acid (PFNA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
Perfluorooctanesulfonamide (PFOSA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
Perfluorooctanoate (PFOA-)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
Perfluorooctanoic acid (PFOA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
Perfluoropentanesulfonic acid (PFPeS)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
Perfluoropentanoic acid (PFPeA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.989	U	0.989		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.396	U	0.396		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
Perfluorotetradecanoic acid (PFTeDA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
Perfluorotridecanoic acid (PFTrDA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
Perfluoroundecanoic acid (PFUnA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*79.8*		*8 - 130*	*04/12/26 20:14*	*04/14/26 14:51*	*1*
13C5 PFPeA	*93.0*		*35 - 130*	*04/12/26 20:14*	*04/14/26 14:51*	*1*
13C5 PFHxA	*85.5*		*40 - 130*	*04/12/26 20:14*	*04/14/26 14:51*	*1*
13C4 PFHpA	*77.6*		*40 - 130*	*04/12/26 20:14*	*04/14/26 14:51*	*1*
13C8 PFOA	*79.4*		*40 - 130*	*04/12/26 20:14*	*04/14/26 14:51*	*1*
13C9 PFNA	*78.0*		*40 - 130*	*04/12/26 20:14*	*04/14/26 14:51*	*1*
13C6 PFDA	*77.3*		*40 - 130*	*04/12/26 20:14*	*04/14/26 14:51*	*1*
13C7 PFUnA	*84.5*		*40 - 130*	*04/12/26 20:14*	*04/14/26 14:51*	*1*
13C2 PFDoA	*78.2*		*40 - 130*	*04/12/26 20:14*	*04/14/26 14:51*	*1*
13C6 PFTrDA	*73.5*		*20 - 150*	*04/12/26 20:14*	*04/14/26 14:51*	*1*
13C2 PFTeDA	*80.5*		*20 - 130*	*04/12/26 20:14*	*04/14/26 14:51*	*1*
13C3 PFHxS	*74.3*		*40 - 130*	*04/12/26 20:14*	*04/14/26 14:51*	*1*
13C8 PFOS	*82.6*		*40 - 130*	*04/12/26 20:14*	*04/14/26 14:51*	*1*
13C8 FOSA	*70.1*		*40 - 130*	*04/12/26 20:14*	*04/14/26 14:51*	*1*
d3-NMeFOSAA	*73.6*		*40 - 135*	*04/12/26 20:14*	*04/14/26 14:51*	*1*
d5-NEtFOSAA	*71.5*		*40 - 150*	*04/12/26 20:14*	*04/14/26 14:51*	*1*
13C2 4:2 FTS	*93.4*		*40 - 165*	*04/12/26 20:14*	*04/14/26 14:51*	*1*
13C2 6:2 FTS	*75.0*		*40 - 215*	*04/12/26 20:14*	*04/14/26 14:51*	*1*
13C2 8:2 FTS	*68.4*		*40 - 275*	*04/12/26 20:14*	*04/14/26 14:51*	*1*
13C3 HFPO-DA	*72.3*		*40 - 130*	*04/12/26 20:14*	*04/14/26 14:51*	*1*
d7-N-MeFOSE-M	*62.8*		*20 - 130*	*04/12/26 20:14*	*04/14/26 14:51*	*1*
d9-N-EtFOSE-M	*66.7*		*15 - 130*	*04/12/26 20:14*	*04/14/26 14:51*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-20 (0.5')

Lab Sample ID: 880-70601-20
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 95.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtPFOSA	65.2		10 - 130	04/12/26 20:14	04/14/26 14:51	1
d3-NMePFOSA	60.3		10 - 130	04/12/26 20:14	04/14/26 14:51	1
13C3-3:3 FTCA	143		20 - 150	04/12/26 20:14	04/14/26 14:51	1
13C3-5:3 FTCA	64.2		20 - 150	04/12/26 20:14	04/14/26 14:51	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
Perfluorobutanesulfonic acid (PFBS)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
Perfluorooctanesulfonate (PFOS-)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
Perfluorooctanesulfonic acid (PFOS)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
Potassium Perfluorobutane Sulfonate	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1
Potassium Perfluorooctanesulfonate	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 14:51	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	80.6		40 - 135	04/12/26 20:14	04/14/26 14:51	1
13C8 PFOS	82.6		40 - 130	04/12/26 20:14	04/14/26 14:51	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0982	U	0.0982		mg/Kg			04/23/26 21:44	1

Client Sample ID: CS-21 (0.5')

Lab Sample ID: 880-70601-21
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 96.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.00862	U H	0.00862		mg/Kg		04/22/26 05:16	05/01/26 01:26	1
Phenol	<0.0172	U H	0.0172		mg/Kg		04/22/26 05:16	05/01/26 01:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	56		37 - 130	04/22/26 05:16	05/01/26 01:26	1
Nitrobenzene-d5 (Surr)	61		36 - 131	04/22/26 05:16	05/01/26 01:26	1
p-Terphenyl-d14 (Surr)	64		40 - 130	04/22/26 05:16	05/01/26 01:26	1
2,4,6-Tribromophenol (Surr)	62		35 - 140	04/22/26 05:16	05/01/26 01:26	1
2-Fluorophenol (Surr)	50		37 - 130	04/22/26 05:16	05/01/26 01:26	1
Phenol-d5 (Surr)	58		37 - 130	04/22/26 05:16	05/01/26 01:26	1

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<24.1	U	24.1		mg/Kg			04/13/26 19:54	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.195	U H	0.195		mg/Kg		05/08/26 14:29	05/10/26 00:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dinitrobenzene	106		70 - 130	05/08/26 14:29	05/10/26 00:30	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-21 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-21
Matrix: Solid
Percent Solids: 96.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.385	U	0.385		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.385	U	0.385		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.385	U	0.385		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.962	U	0.962		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.962	U	0.962		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
Perfluorobutanoic acid (PFBA)	<0.385	U	0.385		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
Perfluorodecanesulfonic acid (PFDS)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
Perfluorodecanoic acid (PFDA)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
Perfluorododecanesulfonic acid (PFDoS)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
Perfluorododecanoic acid (PFDoA)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
Perfluoroheptanoic acid (PFHpA)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.962	U	0.962		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
Perfluorohexanesulfonate (PFHxS-)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
Perfluorohexanesulfonic acid (PFHxS)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
Perfluorohexanoic acid (PFHxA)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
Perfluorononanesulfonic acid (PFNS)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
Perfluorononanoate (PFNA-)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
Perfluorononanoic acid (PFNA)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
Perfluorooctanesulfonamide (PFOSA)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
Perfluorooctanoate (PFOA-)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
Perfluorooctanoic acid (PFOA)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-21 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-21

Matrix: Solid
Percent Solids: 96.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanesulfonic acid (PFPeS)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
Perfluoropentanoic acid (PFPeA)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.962	U	0.962		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.385	U	0.385		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
Perfluorotetradecanoic acid (PFTeDA)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
Perfluorotridecanoic acid (PFTrDA)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
Perfluoroundecanoic acid (PFUnA)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*77.8*		*8 - 130*	*04/12/26 20:14*	*04/14/26 15:07*	*1*
13C5 PFPeA	*103*		*35 - 130*	*04/12/26 20:14*	*04/14/26 15:07*	*1*
13C5 PFHxA	*86.2*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:07*	*1*
13C4 PFHpA	*81.8*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:07*	*1*
13C8 PFOA	*80.3*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:07*	*1*
13C9 PFNA	*80.0*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:07*	*1*
13C6 PFDA	*77.7*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:07*	*1*
13C7 PFUnA	*80.4*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:07*	*1*
13C2 PFDoA	*77.0*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:07*	*1*
13C6 PFTrDA	*63.8*		*20 - 150*	*04/12/26 20:14*	*04/14/26 15:07*	*1*
13C2 PFTeDA	*71.2*		*20 - 130*	*04/12/26 20:14*	*04/14/26 15:07*	*1*
13C3 PFHxS	*77.9*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:07*	*1*
13C8 PFOS	*80.5*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:07*	*1*
13C8 FOSA	*69.9*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:07*	*1*
d3-NMeFOSAA	*73.9*		*40 - 135*	*04/12/26 20:14*	*04/14/26 15:07*	*1*
d5-NEtFOSAA	*71.9*		*40 - 150*	*04/12/26 20:14*	*04/14/26 15:07*	*1*
13C2 4:2 FTS	*110*		*40 - 165*	*04/12/26 20:14*	*04/14/26 15:07*	*1*
13C2 6:2 FTS	*81.1*		*40 - 215*	*04/12/26 20:14*	*04/14/26 15:07*	*1*
13C2 8:2 FTS	*74.7*		*40 - 275*	*04/12/26 20:14*	*04/14/26 15:07*	*1*
13C3 HFPO-DA	*75.9*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:07*	*1*
d7-N-MeFOSE-M	*64.5*		*20 - 130*	*04/12/26 20:14*	*04/14/26 15:07*	*1*
d9-N-EtFOSE-M	*65.8*		*15 - 130*	*04/12/26 20:14*	*04/14/26 15:07*	*1*
d5-NEtPFOSA	*64.7*		*10 - 130*	*04/12/26 20:14*	*04/14/26 15:07*	*1*
d3-NMePFOSA	*60.3*		*10 - 130*	*04/12/26 20:14*	*04/14/26 15:07*	*1*
13C3-3:3 FTCA	*153*	*5+	*20 - 150*	*04/12/26 20:14*	*04/14/26 15:07*	*1*
13C3-5:3 FTCA	*66.2*		*20 - 150*	*04/12/26 20:14*	*04/14/26 15:07*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
Perfluorobutanesulfonic acid (PFBS)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
Perfluorooctanesulfonate (PFOS-)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
Perfluorooctanesulfonic acid (PFOS)	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
Potassium Perfluorobutane Sulfonate	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1
Potassium Perfluorooctanesulfonate	<0.192	U	0.192		ug/Kg	☼	04/12/26 20:14	04/14/26 15:07	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFBS	*85.7*		*40 - 135*	*04/12/26 20:14*	*04/14/26 15:07*	*1*
13C8 PFOS	*80.5*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:07*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-21 (0.5')

Lab Sample ID: 880-70601-21
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 96.7

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0940	U	0.0940		mg/Kg			04/23/26 21:59	1

Client Sample ID: CS-22 (0.5')

Lab Sample ID: 880-70601-22
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 96.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.00894	U H	0.00894		mg/Kg		04/22/26 05:16	05/01/26 01:56	1
Phenol	<0.0179	U H	0.0179		mg/Kg		04/22/26 05:16	05/01/26 01:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*60*		*37 - 130*	*04/22/26 05:16*	*05/01/26 01:56*	*1*
Nitrobenzene-d5 (Surr)	*67*		*36 - 131*	*04/22/26 05:16*	*05/01/26 01:56*	*1*
p-Terphenyl-d14 (Surr)	*69*		*40 - 130*	*04/22/26 05:16*	*05/01/26 01:56*	*1*
2,4,6-Tribromophenol (Surr)	*69*		*35 - 140*	*04/22/26 05:16*	*05/01/26 01:56*	*1*
2-Fluorophenol (Surr)	*55*		*37 - 130*	*04/22/26 05:16*	*05/01/26 01:56*	*1*
Phenol-d5 (Surr)	*65*		*37 - 130*	*04/22/26 05:16*	*05/01/26 01:56*	*1*

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<24.4	U	24.4		mg/Kg			04/13/26 20:11	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.185	U H	0.185		mg/Kg		05/08/26 14:29	05/10/26 00:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene	*107*		*70 - 130*	*05/08/26 14:29*	*05/10/26 00:52*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.394	U	0.394		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.394	U	0.394		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.394	U	0.394		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.986	U	0.986		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-22 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-22
Matrix: Solid
Percent Solids: 96.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.986	U	0.986		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
Perfluorobutanoic acid (PFBA)	<0.394	U	0.394		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
Perfluorodecanesulfonic acid (PFDS)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
Perfluorodecanoic acid (PFDA)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
Perfluorododecanesulfonic acid (PFDoS)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
Perfluorododecanoic acid (PFDoA)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
Perfluoroheptanoic acid (PFHpA)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.986	U	0.986		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
Perfluorohexanesulfonate (PFHxS-)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
Perfluorohexanesulfonic acid (PFHxS)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
Perfluorohexanoic acid (PFHxA)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
Perfluorononanesulfonic acid (PFNS)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
Perfluorononanoate (PFNA-)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
Perfluorononanoic acid (PFNA)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
Perfluorooctanesulfonamide (PFOSA)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
Perfluorooctanoate (PFOA-)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
Perfluorooctanoic acid (PFOA)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
Perfluoropentanesulfonic acid (PFPeS)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
Perfluoropentanoic acid (PFPeA)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.986	U	0.986		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.394	U	0.394		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
Perfluorotetradecanoic acid (PFTeDA)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
Perfluorotridecanoic acid (PFTrDA)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
Perfluoroundecanoic acid (PFUnA)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*77.9*		*8 - 130*	*04/12/26 20:14*	*04/14/26 15:24*	*1*
13C5 PFPeA	*85.6*		*35 - 130*	*04/12/26 20:14*	*04/14/26 15:24*	*1*
13C5 PFHxA	*80.2*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:24*	*1*
13C4 PFHpA	*73.9*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:24*	*1*
13C8 PFOA	*77.3*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:24*	*1*
13C9 PFNA	*79.6*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:24*	*1*
13C6 PFDA	*76.9*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:24*	*1*
13C7 PFUnA	*81.3*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:24*	*1*
13C2 PFDoA	*76.7*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:24*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-22 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-22

Matrix: Solid
Percent Solids: 96.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C6 PFTrDA	73.2		20 - 150	04/12/26 20:14	04/14/26 15:24	1
13C2 PFTeDA	78.5		20 - 130	04/12/26 20:14	04/14/26 15:24	1
13C3 PFHxS	82.3		40 - 130	04/12/26 20:14	04/14/26 15:24	1
13C8 PFOS	80.5		40 - 130	04/12/26 20:14	04/14/26 15:24	1
13C8 FOSA	70.4		40 - 130	04/12/26 20:14	04/14/26 15:24	1
d3-NMeFOSAA	68.9		40 - 135	04/12/26 20:14	04/14/26 15:24	1
d5-NEtFOSAA	68.4		40 - 150	04/12/26 20:14	04/14/26 15:24	1
13C2 4:2 FTS	95.2		40 - 165	04/12/26 20:14	04/14/26 15:24	1
13C2 6:2 FTS	75.5		40 - 215	04/12/26 20:14	04/14/26 15:24	1
13C2 8:2 FTS	69.1		40 - 275	04/12/26 20:14	04/14/26 15:24	1
13C3 HFPO-DA	72.7		40 - 130	04/12/26 20:14	04/14/26 15:24	1
d7-N-MeFOSE-M	68.5		20 - 130	04/12/26 20:14	04/14/26 15:24	1
d9-N-EtFOSE-M	69.4		15 - 130	04/12/26 20:14	04/14/26 15:24	1
d5-NEtPFOSA	67.5		10 - 130	04/12/26 20:14	04/14/26 15:24	1
d3-NMePFOSA	60.7		10 - 130	04/12/26 20:14	04/14/26 15:24	1
13C3-3:3 FTCA	92.2		20 - 150	04/12/26 20:14	04/14/26 15:24	1
13C3-5:3 FTCA	65.8		20 - 150	04/12/26 20:14	04/14/26 15:24	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
Perfluorobutanesulfonic acid (PFBS)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
Perfluorooctanesulfonate (PFOS-)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
Perfluorooctanesulfonic acid (PFOS)	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
Potassium Perfluorobutane Sulfonate	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1
Potassium Perfluorooctanesulfonate	<0.197	U	0.197		ug/Kg	☼	04/12/26 20:14	04/14/26 15:24	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	79.2		40 - 135	04/12/26 20:14	04/14/26 15:24	1
13C8 PFOS	80.5		40 - 130	04/12/26 20:14	04/14/26 15:24	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0965	U	0.0965		mg/Kg			04/23/26 22:03	1

Client Sample ID: CS-23 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-23

Matrix: Solid
Percent Solids: 96.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.00954	U H	0.00954		mg/Kg		04/22/26 05:49	04/26/26 06:55	1
Phenol	<0.0191	U H	0.0191		mg/Kg		04/22/26 05:49	04/26/26 06:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	78		37 - 130	04/22/26 05:49	04/26/26 06:55	1
Nitrobenzene-d5 (Surr)	75		36 - 131	04/22/26 05:49	04/26/26 06:55	1
p-Terphenyl-d14 (Surr)	87		40 - 130	04/22/26 05:49	04/26/26 06:55	1
2,4,6-Tribromophenol (Surr)	100		35 - 140	04/22/26 05:49	04/26/26 06:55	1
2-Fluorophenol (Surr)	66		37 - 130	04/22/26 05:49	04/26/26 06:55	1
Phenol-d5 (Surr)	62		37 - 130	04/22/26 05:49	04/26/26 06:55	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-23 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-23

Matrix: Solid
Percent Solids: 96.7

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<25.0	U	25.0		mg/Kg			04/13/26 20:29	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.199	U H	0.199		mg/Kg		05/08/26 14:29	05/10/26 01:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene	*109*		*70 - 130*	*05/08/26 14:29*	*05/10/26 01:14*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.392	U	0.392		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.392	U	0.392		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.392	U	0.392		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.980	U	0.980		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.980	U	0.980		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
Perfluorobutanoic acid (PFBA)	<0.392	U	0.392		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
Perfluorodecanesulfonic acid (PFDS)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
Perfluorodecanoic acid (PFDA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
Perfluorododecanesulfonic acid (PFDoS)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
Perfluorododecanoic acid (PFDoA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
Perfluoroheptanoic acid (PFHpA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.980	U	0.980		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
Perfluorohexanesulfonate (PFHxS-)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
Perfluorohexanesulfonic acid (PFHxS)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
Perfluorohexanoic acid (PFHxA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-23 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-23
Matrix: Solid
Percent Solids: 96.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
Perfluorononanesulfonic acid (PFNS)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
Perfluorononanoate (PFNA-)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
Perfluorononanoic acid (PFNA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
Perfluorooctanesulfonamide (PFOSA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
Perfluorooctanoate (PFOA-)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
Perfluorooctanoic acid (PFOA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
Perfluoropentanesulfonic acid (PFPeS)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
Perfluoropentanoic acid (PFPeA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.980	U	0.980		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.392	U	0.392		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
Perfluorotetradecanoic acid (PFTeDA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
Perfluorotridecanoic acid (PFTrDA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
Perfluoroundecanoic acid (PFUnA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*77.4*		*8 - 130*	*04/12/26 20:14*	*04/14/26 15:41*	*1*
13C5 PFPeA	*87.5*		*35 - 130*	*04/12/26 20:14*	*04/14/26 15:41*	*1*
13C5 PFHxA	*78.2*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:41*	*1*
13C4 PFHpA	*84.3*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:41*	*1*
13C8 PFOA	*77.0*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:41*	*1*
13C9 PFNA	*76.3*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:41*	*1*
13C6 PFDA	*75.9*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:41*	*1*
13C7 PFUnA	*79.2*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:41*	*1*
13C2 PFDoA	*76.3*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:41*	*1*
13C6 PFTrDA	*68.8*		*20 - 150*	*04/12/26 20:14*	*04/14/26 15:41*	*1*
13C2 PFTeDA	*77.7*		*20 - 130*	*04/12/26 20:14*	*04/14/26 15:41*	*1*
13C3 PFHxS	*73.9*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:41*	*1*
13C8 PFOS	*79.3*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:41*	*1*
13C8 FOSA	*65.9*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:41*	*1*
d3-NMeFOSAA	*65.5*		*40 - 135*	*04/12/26 20:14*	*04/14/26 15:41*	*1*
d5-NEtFOSAA	*64.0*		*40 - 150*	*04/12/26 20:14*	*04/14/26 15:41*	*1*
13C2 4:2 FTS	*90.5*		*40 - 165*	*04/12/26 20:14*	*04/14/26 15:41*	*1*
13C2 6:2 FTS	*74.3*		*40 - 215*	*04/12/26 20:14*	*04/14/26 15:41*	*1*
13C2 8:2 FTS	*67.1*		*40 - 275*	*04/12/26 20:14*	*04/14/26 15:41*	*1*
13C3 HFPO-DA	*90.4*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:41*	*1*
d7-N-MeFOSE-M	*61.9*		*20 - 130*	*04/12/26 20:14*	*04/14/26 15:41*	*1*
d9-N-EtFOSE-M	*65.5*		*15 - 130*	*04/12/26 20:14*	*04/14/26 15:41*	*1*
d5-NEtPFOSA	*61.3*		*10 - 130*	*04/12/26 20:14*	*04/14/26 15:41*	*1*
d3-NMePFOSA	*59.0*		*10 - 130*	*04/12/26 20:14*	*04/14/26 15:41*	*1*
13C3-3:3 FTCA	*87.3*		*20 - 150*	*04/12/26 20:14*	*04/14/26 15:41*	*1*
13C3-5:3 FTCA	*67.4*		*20 - 150*	*04/12/26 20:14*	*04/14/26 15:41*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-23 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-23

Matrix: Solid
Percent Solids: 96.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid (PFBS)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
Perfluorooctanesulfonate (PFOS-)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
Perfluorooctanesulfonic acid (PFOS)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
Potassium Perfluorobutane Sulfonate	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1
Potassium Perfluorooctanesulfonate	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 15:41	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFBS	*79.4*		*40 - 135*	*04/12/26 20:14*	*04/14/26 15:41*	*1*
13C8 PFOS	*79.3*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:41*	*1*

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0947	U	0.0947		mg/Kg			04/23/26 22:06	1

Client Sample ID: CS-24 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-24

Matrix: Solid
Percent Solids: 96.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.00936	U H	0.00936		mg/Kg		04/22/26 05:49	04/26/26 07:24	1
Phenol	<0.0187	U H	0.0187		mg/Kg		04/22/26 05:49	04/26/26 07:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*84*		*37 - 130*	*04/22/26 05:49*	*04/26/26 07:24*	*1*
Nitrobenzene-d5 (Surr)	*87*		*36 - 131*	*04/22/26 05:49*	*04/26/26 07:24*	*1*
p-Terphenyl-d14 (Surr)	*84*		*40 - 130*	*04/22/26 05:49*	*04/26/26 07:24*	*1*
2,4,6-Tribromophenol (Surr)	*106*		*35 - 140*	*04/22/26 05:49*	*04/26/26 07:24*	*1*
2-Fluorophenol (Surr)	*75*		*37 - 130*	*04/22/26 05:49*	*04/26/26 07:24*	*1*
Phenol-d5 (Surr)	*69*		*37 - 130*	*04/22/26 05:49*	*04/26/26 07:24*	*1*

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<23.8	U	23.8		mg/Kg			04/13/26 20:47	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.192	U H	0.192		mg/Kg		05/08/26 14:29	05/10/26 01:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene	*107*		*70 - 130*	*05/08/26 14:29*	*05/10/26 01:36*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-24 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-24
Matrix: Solid
Percent Solids: 96.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.396	U	0.396		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.396	U	0.396		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.396	U	0.396		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.990	U	0.990		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.990	U	0.990		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
Perfluorobutanoic acid (PFBA)	<0.396	U	0.396		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
Perfluorodecanesulfonic acid (PFDS)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
Perfluorodecanoic acid (PFDA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
Perfluorododecanesulfonic acid (PFDoS)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
Perfluorododecanoic acid (PFDoA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
Perfluoroheptanoic acid (PFHpA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.990	U	0.990		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
Perfluorohexanesulfonate (PFHxS-)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
Perfluorohexanesulfonic acid (PFHxS)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
Perfluorohexanoic acid (PFHxA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
Perfluorononanesulfonic acid (PFNS)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
Perfluorononanoate (PFNA-)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
Perfluorononanoic acid (PFNA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
Perfluorooctanesulfonamide (PFOSA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
Perfluorooctanoate (PFOA-)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
Perfluorooctanoic acid (PFOA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
Perfluoropentanesulfonic acid (PFPeS)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
Perfluoropentanoic acid (PFPeA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.990	U	0.990		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.396	U	0.396		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
Perfluorotetradecanoic acid (PFTeDA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-24 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-24

Matrix: Solid
Percent Solids: 96.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotridecanoic acid (PFTrDA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
Perfluoroundecanoic acid (PFUnA)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*74.7*		*8 - 130*	*04/12/26 20:14*	*04/14/26 15:57*	*1*
13C5 PFPeA	*82.2*		*35 - 130*	*04/12/26 20:14*	*04/14/26 15:57*	*1*
13C5 PFHxA	*77.2*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:57*	*1*
13C4 PFHpA	*76.3*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:57*	*1*
13C8 PFOA	*74.4*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:57*	*1*
13C9 PFNA	*72.4*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:57*	*1*
13C6 PFDA	*73.5*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:57*	*1*
13C7 PFUnA	*76.8*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:57*	*1*
13C2 PFDoA	*73.6*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:57*	*1*
13C6 PFTrDA	*71.1*		*20 - 150*	*04/12/26 20:14*	*04/14/26 15:57*	*1*
13C2 PFTeDA	*77.4*		*20 - 130*	*04/12/26 20:14*	*04/14/26 15:57*	*1*
13C3 PFHxS	*69.9*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:57*	*1*
13C8 PFOS	*75.0*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:57*	*1*
13C8 FOSA	*65.5*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:57*	*1*
d3-NMeFOSAA	*66.5*		*40 - 135*	*04/12/26 20:14*	*04/14/26 15:57*	*1*
d5-NEtFOSAA	*66.3*		*40 - 150*	*04/12/26 20:14*	*04/14/26 15:57*	*1*
13C2 4:2 FTS	*98.6*		*40 - 165*	*04/12/26 20:14*	*04/14/26 15:57*	*1*
13C2 6:2 FTS	*73.0*		*40 - 215*	*04/12/26 20:14*	*04/14/26 15:57*	*1*
13C2 8:2 FTS	*69.1*		*40 - 275*	*04/12/26 20:14*	*04/14/26 15:57*	*1*
13C3 HFPO-DA	*70.3*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:57*	*1*
d7-N-MeFOSE-M	*63.1*		*20 - 130*	*04/12/26 20:14*	*04/14/26 15:57*	*1*
d9-N-EtFOSE-M	*68.3*		*15 - 130*	*04/12/26 20:14*	*04/14/26 15:57*	*1*
d5-NEtPFOSA	*64.1*		*10 - 130*	*04/12/26 20:14*	*04/14/26 15:57*	*1*
d3-NMePFOSA	*59.9*		*10 - 130*	*04/12/26 20:14*	*04/14/26 15:57*	*1*
13C3-3:3 FTCA	*91.7*		*20 - 150*	*04/12/26 20:14*	*04/14/26 15:57*	*1*
13C3-5:3 FTCA	*65.3*		*20 - 150*	*04/12/26 20:14*	*04/14/26 15:57*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
Perfluorobutanesulfonic acid (PFBS)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
Perfluorooctanesulfonate (PFOS-)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
Perfluorooctanesulfonic acid (PFOS)	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
Potassium Perfluorobutane Sulfonate	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1
Potassium Perfluorooctanesulfonate	<0.198	U	0.198		ug/Kg	☼	04/12/26 20:14	04/14/26 15:57	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFBS	*77.1*		*40 - 135*	*04/12/26 20:14*	*04/14/26 15:57*	*1*
13C8 PFOS	*75.0*		*40 - 130*	*04/12/26 20:14*	*04/14/26 15:57*	*1*

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0940	U	0.0940		mg/Kg			04/23/26 22:09	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-25 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-25

Matrix: Solid
Percent Solids: 95.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.00916	U H	0.00916		mg/Kg		04/22/26 09:22	04/25/26 23:43	1
Phenol	<0.0183	U H	0.0183		mg/Kg		04/22/26 09:22	04/25/26 23:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*56*		*37 - 130*	*04/22/26 09:22*	*04/25/26 23:43*	*1*
Nitrobenzene-d5 (Surr)	*64*		*36 - 131*	*04/22/26 09:22*	*04/25/26 23:43*	*1*
p-Terphenyl-d14 (Surr)	*65*		*40 - 130*	*04/22/26 09:22*	*04/25/26 23:43*	*1*
2,4,6-Tribromophenol (Surr)	*72*		*35 - 140*	*04/22/26 09:22*	*04/25/26 23:43*	*1*
2-Fluorophenol (Surr)	*47*		*37 - 130*	*04/22/26 09:22*	*04/25/26 23:43*	*1*
Phenol-d5 (Surr)	*64*		*37 - 130*	*04/22/26 09:22*	*04/25/26 23:43*	*1*

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<24.9	U	24.9		mg/Kg			04/13/26 21:04	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.197	U H	0.197		mg/Kg		05/08/26 14:29	05/10/26 01:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene	*106*		*70 - 130*	*05/08/26 14:29*	*05/10/26 01:58*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.389	U	0.389		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.389	U	0.389		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.389	U	0.389		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.972	U	0.972		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.972	U	0.972		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
Perfluorobutanoic acid (PFBA)	<0.389	U	0.389		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
Perfluorodecanesulfonic acid (PFDS)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-25 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-25
Matrix: Solid
Percent Solids: 95.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanoic acid (PFDA)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
Perfluorododecanesulfonic acid (PFDoS)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
Perfluorododecanoic acid (PFDoA)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
Perfluoroheptanoic acid (PFHpA)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.972	U	0.972		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
Perfluorohexanesulfonate (PFHxS-)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
Perfluorohexanesulfonic acid (PFHxS)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
Perfluorohexanoic acid (PFHxA)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
Perfluorononanesulfonic acid (PFNS)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
Perfluorononanoate (PFNA-)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
Perfluorononanoic acid (PFNA)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
Perfluorooctanesulfonamide (PFOSA)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
Perfluorooctanoate (PFOA-)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
Perfluorooctanoic acid (PFOA)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
Perfluoropentanesulfonic acid (PFPeS)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
Perfluoropentanoic acid (PFPeA)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.972	U	0.972		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.389	U	0.389		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
Perfluorotetradecanoic acid (PFTeDA)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
Perfluorotridecanoic acid (PFTrDA)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
Perfluoroundecanoic acid (PFUnA)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*75.3*		*8 - 130*	*04/12/26 20:14*	*04/14/26 16:14*	*1*
13C5 PFPeA	*87.5*		*35 - 130*	*04/12/26 20:14*	*04/14/26 16:14*	*1*
13C5 PFHxA	*80.8*		*40 - 130*	*04/12/26 20:14*	*04/14/26 16:14*	*1*
13C4 PFHpA	*75.5*		*40 - 130*	*04/12/26 20:14*	*04/14/26 16:14*	*1*
13C8 PFOA	*78.1*		*40 - 130*	*04/12/26 20:14*	*04/14/26 16:14*	*1*
13C9 PFNA	*78.3*		*40 - 130*	*04/12/26 20:14*	*04/14/26 16:14*	*1*
13C6 PFDA	*77.5*		*40 - 130*	*04/12/26 20:14*	*04/14/26 16:14*	*1*
13C7 PFUnA	*83.1*		*40 - 130*	*04/12/26 20:14*	*04/14/26 16:14*	*1*
13C2 PFDoA	*80.0*		*40 - 130*	*04/12/26 20:14*	*04/14/26 16:14*	*1*
13C6 PFTrDA	*71.1*		*20 - 150*	*04/12/26 20:14*	*04/14/26 16:14*	*1*
13C2 PFTeDA	*78.6*		*20 - 130*	*04/12/26 20:14*	*04/14/26 16:14*	*1*
13C3 PFHxS	*72.3*		*40 - 130*	*04/12/26 20:14*	*04/14/26 16:14*	*1*
13C8 PFOS	*79.0*		*40 - 130*	*04/12/26 20:14*	*04/14/26 16:14*	*1*
13C8 FOSA	*66.6*		*40 - 130*	*04/12/26 20:14*	*04/14/26 16:14*	*1*
d3-NMeFOSAA	*70.0*		*40 - 135*	*04/12/26 20:14*	*04/14/26 16:14*	*1*
d5-NEtFOSAA	*67.6*		*40 - 150*	*04/12/26 20:14*	*04/14/26 16:14*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-25 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-25

Matrix: Solid
Percent Solids: 95.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C2 4:2 FTS	*99.7*		*40 - 165*	*04/12/26 20:14*	*04/14/26 16:14*	*1*
13C2 6:2 FTS	*74.3*		*40 - 215*	*04/12/26 20:14*	*04/14/26 16:14*	*1*
13C2 8:2 FTS	*69.8*		*40 - 275*	*04/12/26 20:14*	*04/14/26 16:14*	*1*
13C3 HFPO-DA	*71.4*		*40 - 130*	*04/12/26 20:14*	*04/14/26 16:14*	*1*
d7-N-MeFOSE-M	*62.3*		*20 - 130*	*04/12/26 20:14*	*04/14/26 16:14*	*1*
d9-N-EtFOSE-M	*64.5*		*15 - 130*	*04/12/26 20:14*	*04/14/26 16:14*	*1*
d5-NEtPFOSA	*62.6*		*10 - 130*	*04/12/26 20:14*	*04/14/26 16:14*	*1*
d3-NMePFOSA	*61.6*		*10 - 130*	*04/12/26 20:14*	*04/14/26 16:14*	*1*
13C3-3:3 FTCA	*89.0*		*20 - 150*	*04/12/26 20:14*	*04/14/26 16:14*	*1*
13C3-5:3 FTCA	*66.8*		*20 - 150*	*04/12/26 20:14*	*04/14/26 16:14*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
Perfluorobutanesulfonic acid (PFBS)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
Perfluorooctanesulfonate (PFOS-)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
Perfluorooctanesulfonic acid (PFOS)	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
Potassium Perfluorobutane Sulfonate	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1
Potassium Perfluorooctanesulfonate	<0.194	U	0.194		ug/Kg	☼	04/12/26 20:14	04/14/26 16:14	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFBS	*79.1*		*40 - 135*	*04/12/26 20:14*	*04/14/26 16:14*	*1*
13C8 PFOS	*79.0*		*40 - 130*	*04/12/26 20:14*	*04/14/26 16:14*	*1*

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0929	U	0.0929		mg/Kg			04/23/26 22:12	1

Client Sample ID: CS-26 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-26

Matrix: Solid
Percent Solids: 95.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.00899	U H	0.00899		mg/Kg		04/22/26 05:16	05/01/26 02:26	1
Phenol	<0.0180	U H	0.0180		mg/Kg		04/22/26 05:16	05/01/26 02:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*55*		*37 - 130*	*04/22/26 05:16*	*05/01/26 02:26*	*1*
Nitrobenzene-d5 (Surr)	*60*		*36 - 131*	*04/22/26 05:16*	*05/01/26 02:26*	*1*
p-Terphenyl-d14 (Surr)	*71*		*40 - 130*	*04/22/26 05:16*	*05/01/26 02:26*	*1*
2,4,6-Tribromophenol (Surr)	*65*		*35 - 140*	*04/22/26 05:16*	*05/01/26 02:26*	*1*
2-Fluorophenol (Surr)	*44*		*37 - 130*	*04/22/26 05:16*	*05/01/26 02:26*	*1*
Phenol-d5 (Surr)	*53*		*37 - 130*	*04/22/26 05:16*	*05/01/26 02:26*	*1*

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<24.5	U	24.5		mg/Kg			04/13/26 21:21	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.192	U H	0.192		mg/Kg		05/08/26 14:29	05/10/26 02:20	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-26 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-26

Matrix: Solid
Percent Solids: 95.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dinitrobenzene	108		70 - 130	05/08/26 14:29	05/10/26 02:20	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.397	U	0.397		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.397	U	0.397		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.397	U	0.397		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.993	U	0.993		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.993	U	0.993		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
Perfluorobutanoic acid (PFBA)	<0.397	U	0.397		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
Perfluorodecanesulfonic acid (PFDS)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
Perfluorodecanoic acid (PFDA)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
Perfluorododecanesulfonic acid (PFDoS)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
Perfluorododecanoic acid (PFDoA)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
Perfluoroheptanoic acid (PFHpA)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.993	U	0.993		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
Perfluorohexanesulfonate (PFHxS-)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
Perfluorohexanesulfonic acid (PFHxS)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
Perfluorohexanoic acid (PFHxA)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
Perfluorononanesulfonic acid (PFNS)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
Perfluorononanoate (PFNA-)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
Perfluorononanoic acid (PFNA)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-26 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-26
Matrix: Solid
Percent Solids: 95.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonamide (PFOSA)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
Perfluorooctanoate (PFOA-)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
Perfluorooctanoic acid (PFOA)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
Perfluoropentanesulfonic acid (PFPeS)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
Perfluoropentanoic acid (PFPeA)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.993	U	0.993		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.397	U	0.397		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
Perfluorotetradecanoic acid (PFTeDA)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
Perfluorotridecanoic acid (PFTrDA)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
Perfluoroundecanoic acid (PFUnA)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*73.3*		*8 - 130*	*04/12/26 20:14*	*04/14/26 16:31*	*1*
13C5 PFPeA	*81.9*		*35 - 130*	*04/12/26 20:14*	*04/14/26 16:31*	*1*
13C5 PFHxA	*75.9*		*40 - 130*	*04/12/26 20:14*	*04/14/26 16:31*	*1*
13C4 PFHpA	*67.6*		*40 - 130*	*04/12/26 20:14*	*04/14/26 16:31*	*1*
13C8 PFOA	*75.2*		*40 - 130*	*04/12/26 20:14*	*04/14/26 16:31*	*1*
13C9 PFNA	*73.0*		*40 - 130*	*04/12/26 20:14*	*04/14/26 16:31*	*1*
13C6 PFDA	*73.5*		*40 - 130*	*04/12/26 20:14*	*04/14/26 16:31*	*1*
13C7 PFUnA	*75.8*		*40 - 130*	*04/12/26 20:14*	*04/14/26 16:31*	*1*
13C2 PFDoA	*73.7*		*40 - 130*	*04/12/26 20:14*	*04/14/26 16:31*	*1*
13C6 PFTrDA	*70.7*		*20 - 150*	*04/12/26 20:14*	*04/14/26 16:31*	*1*
13C2 PFTeDA	*77.9*		*20 - 130*	*04/12/26 20:14*	*04/14/26 16:31*	*1*
13C3 PFHxS	*70.7*		*40 - 130*	*04/12/26 20:14*	*04/14/26 16:31*	*1*
13C8 PFOS	*73.6*		*40 - 130*	*04/12/26 20:14*	*04/14/26 16:31*	*1*
13C8 FOSA	*62.6*		*40 - 130*	*04/12/26 20:14*	*04/14/26 16:31*	*1*
d3-NMeFOSAA	*63.5*		*40 - 135*	*04/12/26 20:14*	*04/14/26 16:31*	*1*
d5-NEtFOSAA	*63.0*		*40 - 150*	*04/12/26 20:14*	*04/14/26 16:31*	*1*
13C2 4:2 FTS	*88.2*		*40 - 165*	*04/12/26 20:14*	*04/14/26 16:31*	*1*
13C2 6:2 FTS	*70.8*		*40 - 215*	*04/12/26 20:14*	*04/14/26 16:31*	*1*
13C2 8:2 FTS	*66.5*		*40 - 275*	*04/12/26 20:14*	*04/14/26 16:31*	*1*
13C3 HFPO-DA	*66.5*		*40 - 130*	*04/12/26 20:14*	*04/14/26 16:31*	*1*
d7-N-MeFOSE-M	*61.7*		*20 - 130*	*04/12/26 20:14*	*04/14/26 16:31*	*1*
d9-N-EtFOSE-M	*64.3*		*15 - 130*	*04/12/26 20:14*	*04/14/26 16:31*	*1*
d5-NEtPFOSA	*64.8*		*10 - 130*	*04/12/26 20:14*	*04/14/26 16:31*	*1*
d3-NMePFOSA	*59.3*		*10 - 130*	*04/12/26 20:14*	*04/14/26 16:31*	*1*
13C3-3:3 FTCA	*79.6*		*20 - 150*	*04/12/26 20:14*	*04/14/26 16:31*	*1*
13C3-5:3 FTCA	*58.6*		*20 - 150*	*04/12/26 20:14*	*04/14/26 16:31*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
Perfluorobutanesulfonic acid (PFBS)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
Perfluorooctanesulfonate (PFOS-)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
Perfluorooctanesulfonic acid (PFOS)	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
Potassium Perfluorobutane Sulfonate	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1
Potassium Perfluorooctanesulfonate	<0.199	U	0.199		ug/Kg	☼	04/12/26 20:14	04/14/26 16:31	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-26 (0.5')

Lab Sample ID: 880-70601-26
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 95.5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFBS	*73.6*		*40 - 135*	*04/12/26 20:14*	*04/14/26 16:31*	*1*
13C8 PFOS	*73.6*		*40 - 130*	*04/12/26 20:14*	*04/14/26 16:31*	*1*

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0923	U	0.0923		mg/Kg			04/23/26 22:15	1

Client Sample ID: CS-27 (0.5')

Lab Sample ID: 880-70601-27
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 95.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.00883	U H	0.00883		mg/Kg		04/22/26 05:49	04/26/26 11:20	1
Phenol	<0.0177	U H	0.0177		mg/Kg		04/22/26 05:49	04/26/26 11:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*75*		*37 - 130*	*04/22/26 05:49*	*04/26/26 11:20*	*1*
Nitrobenzene-d5 (Surr)	*78*		*36 - 131*	*04/22/26 05:49*	*04/26/26 11:20*	*1*
p-Terphenyl-d14 (Surr)	*83*		*40 - 130*	*04/22/26 05:49*	*04/26/26 11:20*	*1*
2,4,6-Tribromophenol (Surr)	*97*		*35 - 140*	*04/22/26 05:49*	*04/26/26 11:20*	*1*
2-Fluorophenol (Surr)	*63*		*37 - 130*	*04/22/26 05:49*	*04/26/26 11:20*	*1*
Phenol-d5 (Surr)	*59*		*37 - 130*	*04/22/26 05:49*	*04/26/26 11:20*	*1*

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<23.8	U	23.8		mg/Kg			04/13/26 21:39	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.188	U H	0.188		mg/Kg		05/08/26 14:29	05/10/26 02:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene	*106*		*70 - 130*	*05/08/26 14:29*	*05/10/26 02:42*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.392	U	0.392		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.392	U	0.392		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.392	U	0.392		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-27 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-27
Matrix: Solid
Percent Solids: 95.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.979	U	0.979		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.979	U	0.979		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
Perfluorobutanoic acid (PFBA)	<0.392	U	0.392		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
Perfluorodecanesulfonic acid (PFDS)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
Perfluorodecanoic acid (PFDA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
Perfluorododecanesulfonic acid (PFDoS)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
Perfluorododecanoic acid (PFDoA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
Perfluoroheptanoic acid (PFHpA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.979	U	0.979		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
Perfluorohexanesulfonate (PFHxS-)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
Perfluorohexanesulfonic acid (PFHxS)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
Perfluorohexanoic acid (PFHxA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
Perfluorononanesulfonic acid (PFNS)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
Perfluorononanoate (PFNA-)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
Perfluorononanoic acid (PFNA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
Perfluorooctanesulfonamide (PFOSA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
Perfluorooctanoate (PFOA-)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
Perfluorooctanoic acid (PFOA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
Perfluoropentanesulfonic acid (PFPeS)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
Perfluoropentanoic acid (PFPeA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.979	U	0.979		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.392	U	0.392		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
Perfluorotetradecanoic acid (PFTeDA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
Perfluorotridecanoic acid (PFTrDA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
Perfluoroundecanoic acid (PFUnA)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*76.3*		*8 - 130*	*04/12/26 20:14*	*04/14/26 16:47*	*1*
13C5 PFPeA	*90.3*		*35 - 130*	*04/12/26 20:14*	*04/14/26 16:47*	*1*
13C5 PFHxA	*80.7*		*40 - 130*	*04/12/26 20:14*	*04/14/26 16:47*	*1*
13C4 PFHpA	*71.4*		*40 - 130*	*04/12/26 20:14*	*04/14/26 16:47*	*1*
13C8 PFOA	*73.4*		*40 - 130*	*04/12/26 20:14*	*04/14/26 16:47*	*1*
13C9 PFNA	*75.3*		*40 - 130*	*04/12/26 20:14*	*04/14/26 16:47*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-27 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-27

Matrix: Solid
Percent Solids: 95.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C6 PFDA	73.1		40 - 130	04/12/26 20:14	04/14/26 16:47	1
13C7 PFUnA	80.8		40 - 130	04/12/26 20:14	04/14/26 16:47	1
13C2 PFDoA	77.0		40 - 130	04/12/26 20:14	04/14/26 16:47	1
13C6 PFTrDA	73.6		20 - 150	04/12/26 20:14	04/14/26 16:47	1
13C2 PFTeDA	81.4		20 - 130	04/12/26 20:14	04/14/26 16:47	1
13C3 PFHxS	71.8		40 - 130	04/12/26 20:14	04/14/26 16:47	1
13C8 PFOS	77.4		40 - 130	04/12/26 20:14	04/14/26 16:47	1
13C8 FOSA	65.5		40 - 130	04/12/26 20:14	04/14/26 16:47	1
d3-NMeFOSAA	70.5		40 - 135	04/12/26 20:14	04/14/26 16:47	1
d5-NEtFOSAA	68.8		40 - 150	04/12/26 20:14	04/14/26 16:47	1
13C2 4:2 FTS	92.4		40 - 165	04/12/26 20:14	04/14/26 16:47	1
13C2 6:2 FTS	73.0		40 - 215	04/12/26 20:14	04/14/26 16:47	1
13C2 8:2 FTS	65.4		40 - 275	04/12/26 20:14	04/14/26 16:47	1
13C3 HFPO-DA	73.7		40 - 130	04/12/26 20:14	04/14/26 16:47	1
d7-N-MeFOSE-M	66.1		20 - 130	04/12/26 20:14	04/14/26 16:47	1
d9-N-EtFOSE-M	69.3		15 - 130	04/12/26 20:14	04/14/26 16:47	1
d5-NEtPFOSA	63.5		10 - 130	04/12/26 20:14	04/14/26 16:47	1
d3-NMePFOSA	59.7		10 - 130	04/12/26 20:14	04/14/26 16:47	1
13C3-3:3 FTCA	131		20 - 150	04/12/26 20:14	04/14/26 16:47	1
13C3-5:3 FTCA	69.3		20 - 150	04/12/26 20:14	04/14/26 16:47	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
Perfluorobutanesulfonic acid (PFBS)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
Perfluorooctanesulfonate (PFOS-)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
Perfluorooctanesulfonic acid (PFOS)	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
Potassium Perfluorobutane Sulfonate	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1
Potassium Perfluorooctanesulfonate	<0.196	U	0.196		ug/Kg	☼	04/12/26 20:14	04/14/26 16:47	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	77.4		40 - 135	04/12/26 20:14	04/14/26 16:47	1
13C8 PFOS	77.4		40 - 130	04/12/26 20:14	04/14/26 16:47	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0924	U	0.0924		mg/Kg			04/23/26 22:18	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	FBP (37-130)	NBZ (36-131)	TPHd14 (40-130)	TBP (35-140)	2FP (37-130)	PHL (37-130)
880-70601-1	CS-1 (0.5')	65	64	65	78	43	58
880-70601-2	CS-2 (0.5')	73	75	86	80	64	64
880-70601-3	CS-3 (0.5')	86	91	97	110	75	68
880-70601-4	CS-4 (0.5')	77	75	86	80	66	65
880-70601-5	CS-5 (0.5')	71	71	68	88	49	63
880-70601-6	CS-6 (0.5')	73	76	88	101	63	58
880-70601-7	CS-7 (0.5')	74	74	73	98	55	67
880-70601-8	CS-8 (0.5')	75	75	91	98	60	56
880-70601-9	CS-9 (0.5')	77	76	88	103	65	61
880-70601-10	CS-10 (0.5')	152 S1+	161 S1+	128	192 S1+	112	140 S1+
880-70601-11	CS-11 (0.5')	73	77	72	101	58	70
880-70601-12	CS-12 (0.5')	71	71	122	79	61	65
880-70601-13	CS-13 (0.5')	72	78	71	108	53	69
880-70601-14	CS-14 (0.5')	77	87	72	113	59	74
880-70601-15	CS-15 (0.5')	48	49	44	65	31 S1-	42
880-70601-16	CS-16 (0.5')	76	88	71	110	53	71
880-70601-17	CS-17 (0.5')	149 S1+	152 S1+	152 S1+	146 S1+	131 S1+	134 S1+
880-70601-18	CS-18 (0.5')	77	77	80	93	60	82
880-70601-19	CS-19 (0.5')	76	78	82	94	66	59
880-70601-20	CS-20 (0.5')	74	77	84	95	64	57
880-70601-21	CS-21 (0.5')	56	61	64	62	50	58
880-70601-22	CS-22 (0.5')	60	67	69	69	55	65
880-70601-23	CS-23 (0.5')	78	75	87	100	66	62
880-70601-24	CS-24 (0.5')	84	87	84	106	75	69
880-70601-25	CS-25 (0.5')	56	64	65	72	47	64
880-70601-26	CS-26 (0.5')	55	60	71	65	44	53
880-70601-27	CS-27 (0.5')	75	78	83	97	63	59
LCS 860-315845/2-A	Lab Control Sample	91	98	77	100	87	78
LCS 860-315846/2-A	Lab Control Sample	85	90	80	96	88	81
LCS 860-315886/2-A	Lab Control Sample	98	97	105	94	99	100
LCSD 860-315845/3-A	Lab Control Sample Dup	95	102	79	101	91	83
LCSD 860-315846/3-A	Lab Control Sample Dup	88	96	82	99	89	84
LCSD 860-315886/3-A	Lab Control Sample Dup	74	75	72	68	73	75
MB 860-315845/1-A	Method Blank	85	96	74	67	81	76
MB 860-315846/1-A	Method Blank	76	80	72	66	76	69
MB 860-315886/1-A	Method Blank	67	69	76	39	67	68

Surrogate Legend

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
2FP = 2-Fluorophenol (Surr)
PHL = Phenol-d5 (Surr)

Surrogate Summary

Client: Carmona Resources Job ID: 880-70601-1
Project/Site: Neptune 10 State Com East CTB SDG: 3197

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	12DNB1 (70-130)						
280-225963-B-10-B MS	Matrix Spike	103						
280-225963-B-10-C MSD	Matrix Spike Duplicate	104						
880-70601-1	CS-1 (0.5')	109						
880-70601-2	CS-2 (0.5')	109						
880-70601-3	CS-3 (0.5')	107						
880-70601-4	CS-4 (0.5')	109						
880-70601-5	CS-5 (0.5')	109						
880-70601-6	CS-6 (0.5')	108						
880-70601-7	CS-7 (0.5')	107						
880-70601-8	CS-8 (0.5')	108						
880-70601-9	CS-9 (0.5')	110						
880-70601-10	CS-10 (0.5')	112						
880-70601-11	CS-11 (0.5')	109						
880-70601-12	CS-12 (0.5')	111						
880-70601-13	CS-13 (0.5')	109						
880-70601-14	CS-14 (0.5')	109						
880-70601-15	CS-15 (0.5')	110						
880-70601-16	CS-16 (0.5')	110						
880-70601-17	CS-17 (0.5')	111						
880-70601-18	CS-18 (0.5')	110						
880-70601-18 MS	CS-18 (0.5')	107						
880-70601-18 MSD	CS-18 (0.5')	106						
880-70601-19	CS-19 (0.5')	110						
880-70601-20	CS-20 (0.5')	111						
880-70601-21	CS-21 (0.5')	106						
880-70601-22	CS-22 (0.5')	107						
880-70601-23	CS-23 (0.5')	109						
880-70601-24	CS-24 (0.5')	107						
880-70601-25	CS-25 (0.5')	106						
880-70601-26	CS-26 (0.5')	108						
880-70601-27	CS-27 (0.5')	106						
LCS 280-746675/2-A	Lab Control Sample	105						
LCS 280-746678/2-A	Lab Control Sample	106						
MB 280-746675/1-A	Method Blank	111						
MB 280-746678/1-A	Method Blank	107						

Surrogate Legend

12DNB = 1,2-Dinitrobenzene

Isotope Dilution Summary

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (8-130)	PFPeA (35-130)	13C5PHA (40-130)	C4PFHA (40-130)	C8PFOA (40-130)	C9PFNA (40-130)	C6PFDA (40-130)	13C7PUA (40-130)
880-70601-1	CS-1 (0.5')	87.2	97.3	87.6	94.4	95.1	84.2	73.4	69.4
880-70601-2	CS-2 (0.5')	83.4	108	86.9	89.9	90.2	83.7	73.9	71.0
880-70601-3	CS-3 (0.5')	90.5	105	91.3	90.9	99.7	83.0	72.9	72.0
880-70601-4	CS-4 (0.5')	91.0	113	93.4	92.9	103	92.8	82.7	79.7
880-70601-5	CS-5 (0.5')	84.4	106	90.3	96.8	88.0	86.3	75.4	71.8
880-70601-6	CS-6 (0.5')	80.0	104	87.8	95.7	92.2	83.5	78.7	78.9
880-70601-7	CS-7 (0.5')	83.1	104	86.1	92.5	88.3	84.7	69.4	70.9
880-70601-8	CS-8 (0.5')	85.1	102	88.4	92.8	89.8	80.1	70.6	72.1
880-70601-9	CS-9 (0.5')	84.1	105	87.5	98.6	98.6	88.1	79.5	91.1
880-70601-10	CS-10 (0.5')	83.5	104	85.1	98.0	93.4	84.3	79.2	77.6
880-70601-11	CS-11 (0.5')	86.2	106	89.4	102	98.1	88.4	81.6	84.9
880-70601-12	CS-12 (0.5')	84.8	107	89.9	103	92.6	96.4	76.5	80.4
880-70601-13	CS-13 (0.5')	83.7	104	83.7	93.3	90.5	86.8	81.9	85.2
880-70601-14	CS-14 (0.5')	85.7	104	87.5	95.9	91.8	89.9	80.2	88.5
880-70601-15	CS-15 (0.5')	87.6	105	87.3	96.4	90.8	92.6	82.7	83.7
880-70601-16	CS-16 (0.5')	83.6	105	84.7	101	95.7	91.6	82.5	79.1
880-70601-17	CS-17 (0.5')	87.5	101	89.3	95.6	89.9	85.6	69.6	75.3
880-70601-18	CS-18 (0.5')	86.8	107	90.7	99.3	88.4	91.1	81.5	79.0
880-70601-19	CS-19 (0.5')	77.2	91.7	83.3	77.6	80.3	80.1	78.6	86.1
880-70601-20	CS-20 (0.5')	79.8	93.0	85.5	77.6	79.4	78.0	77.3	84.5
880-70601-21	CS-21 (0.5')	77.8	103	86.2	81.8	80.3	80.0	77.7	80.4
880-70601-22	CS-22 (0.5')	77.9	85.6	80.2	73.9	77.3	79.6	76.9	81.3
880-70601-23	CS-23 (0.5')	77.4	87.5	78.2	84.3	77.0	76.3	75.9	79.2
880-70601-24	CS-24 (0.5')	74.7	82.2	77.2	76.3	74.4	72.4	73.5	76.8
880-70601-25	CS-25 (0.5')	75.3	87.5	80.8	75.5	78.1	78.3	77.5	83.1
880-70601-26	CS-26 (0.5')	73.3	81.9	75.9	67.6	75.2	73.0	73.5	75.8
880-70601-27	CS-27 (0.5')	76.3	90.3	80.7	71.4	73.4	75.3	73.1	80.8
LCS 320-911363/3-A	Lab Control Sample	76.6	98.5	79.1	81.1	72.6	72.0	68.0	79.2
LCS 320-911465/3-A	Lab Control Sample	87.9	106	92.5	99.8	96.4	90.4	77.1	77.2
LCSD 320-911363/4-A	Lab Control Sample Dup	80.4	110	86.2	89.8	80.1	83.2	74.2	83.8
LCSD 320-911465/4-A	Lab Control Sample Dup	89.6	107	97.1	98.2	93.2	94.6	87.1	95.9
LLCS 320-911363/2-A	Lab Control Sample	77.6	102	83.4	81.2	80.3	75.0	69.5	67.8
LLCS 320-911465/2-A	Lab Control Sample	85.5	101	92.6	93.2	96.9	92.8	73.3	77.5
MB 320-911363/1-A	Method Blank	78.6	102	75.9	84.0	82.4	80.6	79.0	79.6
MB 320-911465/1-A	Method Blank	82.6	100	85.8	93.0	91.6	90.8	85.1	86.8

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFDoA (40-130)	C6PFTrDA (20-150)	PFTDA (20-130)	C3PFHS (40-130)	C8PFOS (40-130)	PFOSA (40-130)	d3NMFOS (40-135)	d5NEFOS (40-150)
880-70601-1	CS-1 (0.5')	57.8	59.4	72.9	83.4	81.5	67.6	58.4	53.1
880-70601-2	CS-2 (0.5')	67.7	60.4	62.1	78.4	80.1	85.3	62.1	61.1
880-70601-3	CS-3 (0.5')	72.0	64.3	72.6	87.6	77.6	80.7	68.2	66.0
880-70601-4	CS-4 (0.5')	78.5	78.0	83.4	85.5	86.4	82.5	76.9	74.1
880-70601-5	CS-5 (0.5')	68.8	63.8	70.8	86.3	78.9	77.7	66.8	68.8
880-70601-6	CS-6 (0.5')	74.4	68.3	69.0	82.0	82.4	88.5	73.1	71.0
880-70601-7	CS-7 (0.5')	69.7	54.9	67.4	78.8	74.7	82.2	72.0	64.2
880-70601-8	CS-8 (0.5')	62.6	49.2	66.4	79.7	75.2	76.7	62.1	62.0
880-70601-9	CS-9 (0.5')	80.7	68.1	76.6	82.0	86.6	84.0	75.7	76.8
880-70601-10	CS-10 (0.5')	69.8	62.8	81.0	82.7	83.8	85.7	73.9	73.0
880-70601-11	CS-11 (0.5')	83.4	68.0	80.3	89.7	86.5	86.7	74.2	71.1

Eurofins Midland

Isotope Dilution Summary

Client: Carmona Resources Job ID: 880-70601-1
Project/Site: Neptune 10 State Com East CTB SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFDoA (40-130)	C6PFTrDA (20-150)	PFTDA (20-130)	C3PFHS (40-130)	C8PFOS (40-130)	PFOSA (40-130)	d3NMFOS (40-135)	d5NEFOS (40-150)
880-70601-12	CS-12 (0.5')	79.7	59.6	72.7	83.2	83.0	89.9	69.0	64.6
880-70601-13	CS-13 (0.5')	83.7	67.9	77.3	85.1	84.4	88.3	75.7	79.9
880-70601-14	CS-14 (0.5')	86.1	75.5	86.8	84.7	85.2	86.2	77.1	78.5
880-70601-15	CS-15 (0.5')	78.5	64.7	76.9	84.4	85.3	79.3	72.9	72.9
880-70601-16	CS-16 (0.5')	76.1	70.4	73.6	84.9	85.8	88.5	75.8	80.4
880-70601-17	CS-17 (0.5')	63.5	54.5	68.0	84.9	76.0	74.9	63.6	62.5
880-70601-18	CS-18 (0.5')	76.3	65.3	83.1	85.4	84.5	80.0	74.4	73.6
880-70601-19	CS-19 (0.5')	83.7	80.1	84.0	77.3	83.4	69.8	70.9	68.2
880-70601-20	CS-20 (0.5')	78.2	73.5	80.5	74.3	82.6	70.1	73.6	71.5
880-70601-21	CS-21 (0.5')	77.0	63.8	71.2	77.9	80.5	69.9	73.9	71.9
880-70601-22	CS-22 (0.5')	76.7	73.2	78.5	82.3	80.5	70.4	68.9	68.4
880-70601-23	CS-23 (0.5')	76.3	68.8	77.7	73.9	79.3	65.9	65.5	64.0
880-70601-24	CS-24 (0.5')	73.6	71.1	77.4	69.9	75.0	65.5	66.5	66.3
880-70601-25	CS-25 (0.5')	80.0	71.1	78.6	72.3	79.0	66.6	70.0	67.6
880-70601-26	CS-26 (0.5')	73.7	70.7	77.9	70.7	73.6	62.6	63.5	63.0
880-70601-27	CS-27 (0.5')	77.0	73.6	81.4	71.8	77.4	65.5	70.5	68.8
LCS 320-911363/3-A	Lab Control Sample	70.5	61.6	65.6	72.5	78.0	77.4	77.7	75.8
LCS 320-911465/3-A	Lab Control Sample	66.1	46.9	55.5	83.2	84.2	72.9	73.8	73.6
LCSD 320-911363/4-A	Lab Control Sample Dup	84.7	69.3	75.6	79.3	82.8	84.1	82.1	77.1
LCSD 320-911465/4-A	Lab Control Sample Dup	88.6	72.2	73.8	85.7	87.8	91.9	83.8	85.0
LLCS 320-911363/2-A	Lab Control Sample	73.1	64.1	66.7	75.2	79.8	79.4	81.2	78.4
LLCS 320-911465/2-A	Lab Control Sample	72.7	62.0	71.3	85.8	79.1	78.0	73.9	72.8
MB 320-911363/1-A	Method Blank	74.1	67.1	72.8	79.8	81.7	84.1	81.4	78.3
MB 320-911465/1-A	Method Blank	87.3	74.8	80.4	82.2	83.5	88.1	82.1	78.8

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M242FTS (40-165)	M262FTS (40-215)	M282FTS (40-275)	HFPODA (40-130)	NMFM (20-130)	NEFM (15-130)	d5NPFSA (10-130)	d3NMFSA (10-130)
880-70601-1	CS-1 (0.5')	85.2	79.7	73.5	85.4	53.3	55.5	50.9	44.1
880-70601-2	CS-2 (0.5')	73.3	77.9	70.5	84.5	45.1	50.8	50.3	58.2
880-70601-3	CS-3 (0.5')	84.3	87.8	71.6	92.0	54.3	61.4	45.8	50.3
880-70601-4	CS-4 (0.5')	83.8	78.2	79.4	86.7	75.4	76.7	63.0	57.2
880-70601-5	CS-5 (0.5')	82.4	76.7	71.1	86.0	62.9	66.6	59.7	52.9
880-70601-6	CS-6 (0.5')	80.2	79.0	77.5	88.7	62.5	64.2	72.2	77.3
880-70601-7	CS-7 (0.5')	77.7	81.4	75.1	82.7	48.4	55.5	52.1	58.7
880-70601-8	CS-8 (0.5')	81.0	81.5	72.3	76.7	42.6	49.6	53.6	59.1
880-70601-9	CS-9 (0.5')	81.5	79.9	81.3	79.7	60.8	64.3	59.3	56.5
880-70601-10	CS-10 (0.5')	81.3	84.2	82.4	83.0	60.5	65.5	56.0	64.9
880-70601-11	CS-11 (0.5')	79.3	90.7	86.1	86.9	53.7	61.7	51.7	50.8
880-70601-12	CS-12 (0.5')	83.1	84.6	85.0	82.8	48.7	57.0	66.6	70.3
880-70601-13	CS-13 (0.5')	77.3	81.6	81.6	83.0	61.3	68.4	69.7	72.2
880-70601-14	CS-14 (0.5')	81.3	81.9	83.4	78.9	79.4	79.9	61.6	57.1
880-70601-15	CS-15 (0.5')	78.6	83.9	83.7	81.9	54.0	58.4	55.1	51.0
880-70601-16	CS-16 (0.5')	77.9	74.6	83.7	81.1	62.9	69.2	65.9	70.9
880-70601-17	CS-17 (0.5')	77.2	81.7	74.6	81.4	45.9	51.2	48.2	53.9
880-70601-18	CS-18 (0.5')	83.9	86.9	84.0	85.1	63.8	66.9	56.2	57.4
880-70601-19	CS-19 (0.5')	102	77.4	77.0	75.9	68.8	72.1	71.1	67.0
880-70601-20	CS-20 (0.5')	93.4	75.0	68.4	72.3	62.8	66.7	65.2	60.3
880-70601-21	CS-21 (0.5')	110	81.1	74.7	75.9	64.5	65.8	64.7	60.3
880-70601-22	CS-22 (0.5')	95.2	75.5	69.1	72.7	68.5	69.4	67.5	60.7
880-70601-23	CS-23 (0.5')	90.5	74.3	67.1	90.4	61.9	65.5	61.3	59.0

Eurofins Midland

Isotope Dilution Summary

Client: Carmona Resources Job ID: 880-70601-1
Project/Site: Neptune 10 State Com East CTB SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M242FTS (40-165)	M262FTS (40-215)	M282FTS (40-275)	HFPODA (40-130)	NMFM (20-130)	NEFM (15-130)	d5NPFSA (10-130)	d3NMFSA (10-130)
880-70601-24	CS-24 (0.5')	98.6	73.0	69.1	70.3	63.1	68.3	64.1	59.9
880-70601-25	CS-25 (0.5')	99.7	74.3	69.8	71.4	62.3	64.5	62.6	61.6
880-70601-26	CS-26 (0.5')	88.2	70.8	66.5	66.5	61.7	64.3	64.8	59.3
880-70601-27	CS-27 (0.5')	92.4	73.0	65.4	73.7	66.1	69.3	63.5	59.7
LCS 320-911363/3-A	Lab Control Sample	77.7	81.3	74.6	74.4	61.9	58.9	59.4	56.6
LCS 320-911465/3-A	Lab Control Sample	90.1	88.9	81.8	95.1	39.4	40.8	40.9	40.8
LCSD 320-911363/4-A	Lab Control Sample Dup	81.9	80.9	76.0	77.8	70.2	71.4	62.5	62.5
LCSD 320-911465/4-A	Lab Control Sample Dup	86.7	95.8	91.4	86.0	60.4	59.5	53.3	51.6
LLCS 320-911363/2-A	Lab Control Sample	83.6	84.7	71.4	70.5	67.1	68.4	64.9	63.4
LLCS 320-911465/2-A	Lab Control Sample	88.0	89.6	80.2	87.0	45.2	48.2	47.8	45.8
MB 320-911363/1-A	Method Blank	87.1	88.1	80.7	73.3	69.9	67.8	62.4	59.0
MB 320-911465/1-A	Method Blank	84.1	95.4	85.5	80.0	65.6	66.3	66.0	70.2

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	3-3:3 FTC (20-150)	3-5:3 FTC (20-150)						
880-70601-1	CS-1 (0.5')	84.8	86.6						
880-70601-2	CS-2 (0.5')	74.4	85.8						
880-70601-3	CS-3 (0.5')	88.3	89.8						
880-70601-4	CS-4 (0.5')	89.4	94.2						
880-70601-5	CS-5 (0.5')	88.1	88.1						
880-70601-6	CS-6 (0.5')	88.7	81.3						
880-70601-7	CS-7 (0.5')	80.4	80.4						
880-70601-8	CS-8 (0.5')	76.5	74.7						
880-70601-9	CS-9 (0.5')	80.4	80.3						
880-70601-10	CS-10 (0.5')	70.6	70.0						
880-70601-11	CS-11 (0.5')	82.2	75.8						
880-70601-12	CS-12 (0.5')	78.1	85.2						
880-70601-13	CS-13 (0.5')	82.8	76.0						
880-70601-14	CS-14 (0.5')	76.7	78.7						
880-70601-15	CS-15 (0.5')	76.9	68.7						
880-70601-16	CS-16 (0.5')	76.8	65.8						
880-70601-17	CS-17 (0.5')	77.2	81.1						
880-70601-18	CS-18 (0.5')	81.6	85.4						
880-70601-19	CS-19 (0.5')	74.2	65.2						
880-70601-20	CS-20 (0.5')	143	64.2						
880-70601-21	CS-21 (0.5')	153 *5+	66.2						
880-70601-22	CS-22 (0.5')	92.2	65.8						
880-70601-23	CS-23 (0.5')	87.3	67.4						
880-70601-24	CS-24 (0.5')	91.7	65.3						
880-70601-25	CS-25 (0.5')	89.0	66.8						
880-70601-26	CS-26 (0.5')	79.6	58.6						
880-70601-27	CS-27 (0.5')	131	69.3						
LCS 320-911363/3-A	Lab Control Sample	145	85.4						
LCS 320-911465/3-A	Lab Control Sample	101	96.9						
LCSD 320-911363/4-A	Lab Control Sample Dup	131	84.0						
LCSD 320-911465/4-A	Lab Control Sample Dup	97.9	92.2						
LLCS 320-911363/2-A	Lab Control Sample	155 *5+	82.8						
LLCS 320-911465/2-A	Lab Control Sample	102	97.3						
MB 320-911363/1-A	Method Blank	104	86.9						
MB 320-911465/1-A	Method Blank	90.0	101						

Isotope Dilution Summary

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFDoA = 13C2 PFDoA
C6PFTrDA = 13C6 PFTrDA
PFTDA = 13C2 PFTeDA
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
C3-3:3 FTCA = 13C3-3:3 FTCA
C3-5:3 FTCA = 13C3-5:3 FTCA

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	C3PFBS (40-135)	C8PFOS (40-130)								
880-70601-1 - RA	CS-1 (0.5')	81.9	81.5								
880-70601-2 - RA	CS-2 (0.5')	75.2	80.1								
880-70601-3 - RA	CS-3 (0.5')	88.4	77.6								
880-70601-4 - RA	CS-4 (0.5')	84.2	86.4								
880-70601-5 - RA	CS-5 (0.5')	78.2	78.9								
880-70601-6 - RA	CS-6 (0.5')	80.8	82.4								
880-70601-7 - RA	CS-7 (0.5')	77.2	74.7								
880-70601-8 - RA	CS-8 (0.5')	76.5	75.2								
880-70601-9 - RA	CS-9 (0.5')	77.6	86.6								
880-70601-10 - RA	CS-10 (0.5')	80.1	83.8								
880-70601-11 - RA	CS-11 (0.5')	87.5	86.5								
880-70601-12 - RA	CS-12 (0.5')	81.3	83.0								
880-70601-13 - RA	CS-13 (0.5')	78.5	84.4								
880-70601-14 - RA	CS-14 (0.5')	85.6	85.2								
880-70601-15 - RA	CS-15 (0.5')	76.7	85.3								
880-70601-16 - RA	CS-16 (0.5')	82.8	85.8								
880-70601-17 - RA	CS-17 (0.5')	81.1	76.0								
880-70601-18 - RA	CS-18 (0.5')	83.7	84.5								
880-70601-19 - RA	CS-19 (0.5')	83.2	83.4								
880-70601-20 - RA	CS-20 (0.5')	80.6	82.6								
880-70601-21 - RA	CS-21 (0.5')	85.7	80.5								
880-70601-22 - RA	CS-22 (0.5')	79.2	80.5								

Isotope Dilution Summary

Client: Carmona Resources Job ID: 880-70601-1
Project/Site: Neptune 10 State Com East CTB SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	C3PFBS (40-135)	C8PFOS (40-130)								
880-70601-23 - RA	CS-23 (0.5')	79.4	79.3								
880-70601-24 - RA	CS-24 (0.5')	77.1	75.0								
880-70601-25 - RA	CS-25 (0.5')	79.1	79.0								
880-70601-26 - RA	CS-26 (0.5')	73.6	73.6								
880-70601-27 - RA	CS-27 (0.5')	77.4	77.4								
LCS 320-911363/3-A - RA	Lab Control Sample	75.6	78.0								
LCS 320-911465/3-A - RA	Lab Control Sample	82.6	84.2								
LCSD 320-911363/4-A - RA	Lab Control Sample Dup	86.1	82.8								
LCSD 320-911465/4-A - RA	Lab Control Sample Dup	84.8	87.8								
LLCS 320-911363/2-A - RA	Lab Control Sample	78.4	79.8								
LLCS 320-911465/2-A - RA	Lab Control Sample	77.7	79.1								
MB 320-911363/1-A - RA	Method Blank	83.6	81.7								
MB 320-911465/1-A - RA	Method Blank	83.1	83.5								

Surrogate Legend

C3PFBS = 13C3 PFBS
C8PFOS = 13C8 PFOS

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-315845/1-A
Matrix: Solid
Analysis Batch: 316441

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 315845

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.0100	U	0.0100		mg/Kg		04/22/26 05:12	04/24/26 06:10	1
Phenol	<0.0200	U	0.0200		mg/Kg		04/22/26 05:12	04/24/26 06:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*85*		*37 - 130*	*04/22/26 05:12*	*04/24/26 06:10*	*1*
Nitrobenzene-d5 (Surr)	*96*		*36 - 131*	*04/22/26 05:12*	*04/24/26 06:10*	*1*
p-Terphenyl-d14 (Surr)	*74*		*40 - 130*	*04/22/26 05:12*	*04/24/26 06:10*	*1*
2,4,6-Tribromophenol (Surr)	*67*		*35 - 140*	*04/22/26 05:12*	*04/24/26 06:10*	*1*
2-Fluorophenol (Surr)	*81*		*37 - 130*	*04/22/26 05:12*	*04/24/26 06:10*	*1*
Phenol-d5 (Surr)	*76*		*37 - 130*	*04/22/26 05:12*	*04/24/26 06:10*	*1*

Lab Sample ID: LCS 860-315845/2-A
Matrix: Solid
Analysis Batch: 316441

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 315845

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Phenanthrene			0.100	0.07622		mg/Kg		76	50 - 130		
Phenol			0.100	0.08332	I	mg/Kg		83	45 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*91*		*37 - 130*
Nitrobenzene-d5 (Surr)	*98*		*36 - 131*
p-Terphenyl-d14 (Surr)	*77*		*40 - 130*
2,4,6-Tribromophenol (Surr)	*100*		*35 - 140*
2-Fluorophenol (Surr)	*87*		*37 - 130*
Phenol-d5 (Surr)	*78*		*37 - 130*

Lab Sample ID: LCSD 860-315845/3-A
Matrix: Solid
Analysis Batch: 316441

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 315845

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenanthrene			0.100	0.08148		mg/Kg		81	50 - 130	7	30
Phenol			0.100	0.08806	I	mg/Kg		88	45 - 130	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*95*		*37 - 130*
Nitrobenzene-d5 (Surr)	*102*		*36 - 131*
p-Terphenyl-d14 (Surr)	*79*		*40 - 130*
2,4,6-Tribromophenol (Surr)	*101*		*35 - 140*
2-Fluorophenol (Surr)	*91*		*37 - 130*
Phenol-d5 (Surr)	*83*		*37 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-315846/1-A
Matrix: Solid
Analysis Batch: 317143

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 315846

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.0100	U	0.0100		mg/Kg		04/22/26 05:49	04/26/26 01:31	1
Phenol	<0.0200	U	0.0200		mg/Kg		04/22/26 05:49	04/26/26 01:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*76*		*37 - 130*	*04/22/26 05:49*	*04/26/26 01:31*	*1*
Nitrobenzene-d5 (Surr)	*80*		*36 - 131*	*04/22/26 05:49*	*04/26/26 01:31*	*1*
p-Terphenyl-d14 (Surr)	*72*		*40 - 130*	*04/22/26 05:49*	*04/26/26 01:31*	*1*
2,4,6-Tribromophenol (Surr)	*66*		*35 - 140*	*04/22/26 05:49*	*04/26/26 01:31*	*1*
2-Fluorophenol (Surr)	*76*		*37 - 130*	*04/22/26 05:49*	*04/26/26 01:31*	*1*
Phenol-d5 (Surr)	*69*		*37 - 130*	*04/22/26 05:49*	*04/26/26 01:31*	*1*

Lab Sample ID: LCS 860-315846/2-A
Matrix: Solid
Analysis Batch: 317143

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 315846

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Phenanthrene			0.100	0.08287		mg/Kg		83	50 - 130		
Phenol			0.100	0.08434	I	mg/Kg		84	45 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*85*		*37 - 130*
Nitrobenzene-d5 (Surr)	*90*		*36 - 131*
p-Terphenyl-d14 (Surr)	*80*		*40 - 130*
2,4,6-Tribromophenol (Surr)	*96*		*35 - 140*
2-Fluorophenol (Surr)	*88*		*37 - 130*
Phenol-d5 (Surr)	*81*		*37 - 130*

Lab Sample ID: LCSD 860-315846/3-A
Matrix: Solid
Analysis Batch: 317143

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 315846

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenanthrene			0.100	0.08752		mg/Kg		88	50 - 130	5	30
Phenol			0.100	0.08595	I	mg/Kg		86	45 - 130	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*88*		*37 - 130*
Nitrobenzene-d5 (Surr)	*96*		*36 - 131*
p-Terphenyl-d14 (Surr)	*82*		*40 - 130*
2,4,6-Tribromophenol (Surr)	*99*		*35 - 140*
2-Fluorophenol (Surr)	*89*		*37 - 130*
Phenol-d5 (Surr)	*84*		*37 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-315886/1-A
Matrix: Solid
Analysis Batch: 317007

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 315886

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.0100	U	0.0100		mg/Kg		04/22/26 09:22	04/25/26 15:58	1
Phenol	<0.0200	U	0.0200		mg/Kg		04/22/26 09:22	04/25/26 15:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*67*		*37 - 130*	*04/22/26 09:22*	*04/25/26 15:58*	*1*
Nitrobenzene-d5 (Surr)	*69*		*36 - 131*	*04/22/26 09:22*	*04/25/26 15:58*	*1*
p-Terphenyl-d14 (Surr)	*76*		*40 - 130*	*04/22/26 09:22*	*04/25/26 15:58*	*1*
2,4,6-Tribromophenol (Surr)	*39*		*35 - 140*	*04/22/26 09:22*	*04/25/26 15:58*	*1*
2-Fluorophenol (Surr)	*67*		*37 - 130*	*04/22/26 09:22*	*04/25/26 15:58*	*1*
Phenol-d5 (Surr)	*68*		*37 - 130*	*04/22/26 09:22*	*04/25/26 15:58*	*1*

Lab Sample ID: LCS 860-315886/2-A
Matrix: Solid
Analysis Batch: 317007

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 315886

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Phenanthrene			0.100	0.09725		mg/Kg		97	50 - 130		
Phenol			0.100	0.09800	I	mg/Kg		98	45 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*98*		*37 - 130*
Nitrobenzene-d5 (Surr)	*97*		*36 - 131*
p-Terphenyl-d14 (Surr)	*105*		*40 - 130*
2,4,6-Tribromophenol (Surr)	*94*		*35 - 140*
2-Fluorophenol (Surr)	*99*		*37 - 130*
Phenol-d5 (Surr)	*100*		*37 - 130*

Lab Sample ID: LCSD 860-315886/3-A
Matrix: Solid
Analysis Batch: 317007

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 315886

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenanthrene			0.100	0.07555		mg/Kg		76	50 - 130	25	30
Phenol			0.100	0.08149	I	mg/Kg		81	45 - 130	18	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*74*		*37 - 130*
Nitrobenzene-d5 (Surr)	*75*		*36 - 131*
p-Terphenyl-d14 (Surr)	*72*		*40 - 130*
2,4,6-Tribromophenol (Surr)	*68*		*35 - 140*
2-Fluorophenol (Surr)	*73*		*37 - 130*
Phenol-d5 (Surr)	*75*		*37 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Method: 8015D - Glycols- Direct Injection (GC/FID)

Lab Sample ID: MB 860-312862/1-A
Matrix: Solid
Analysis Batch: 312852

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<5.00	U	5.00		mg/Kg			04/10/26 17:28	1

Lab Sample ID: LCS 860-312862/2-A
Matrix: Solid
Analysis Batch: 312852

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diethylene glycol monobutyl ether	50.1	57.51		mg/Kg		115	70 - 135

Lab Sample ID: LCSD 860-312862/3-A
Matrix: Solid
Analysis Batch: 312852

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diethylene glycol monobutyl ether	50.0	58.20		mg/Kg		116	70 - 135	1	30

Lab Sample ID: MB 860-313270/1-A
Matrix: Solid
Analysis Batch: 313214

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<5.00	U	5.00		mg/Kg			04/13/26 18:34	1

Lab Sample ID: LCS 860-313270/4-A
Matrix: Solid
Analysis Batch: 313214

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diethylene glycol monobutyl ether	50.1	58.87		mg/Kg		117	70 - 135

Lab Sample ID: LCSD 860-313270/5-A
Matrix: Solid
Analysis Batch: 313214

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diethylene glycol monobutyl ether	50.1	58.80		mg/Kg		117	70 - 135	0	30

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Lab Sample ID: MB 280-746675/1-A
Matrix: Solid
Analysis Batch: 747159

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 746675

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.200	U	0.200		mg/Kg		05/08/26 14:29	05/12/26 15:37	1

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Method: 8330B - Nitroaromatics and Nitramines (HPLC) (Continued)

Lab Sample ID: MB 280-746675/1-A
Matrix: Solid
Analysis Batch: 747159

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 746675

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dinitrobenzene	111		70 - 130	05/08/26 14:29	05/12/26 15:37	1

Lab Sample ID: LCS 280-746675/2-A
Matrix: Solid
Analysis Batch: 747159

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 746675

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Picric acid			1.00	1.084		mg/Kg		108	43 - 150		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dinitrobenzene	105		70 - 130

Lab Sample ID: 880-70601-18 MS
Matrix: Solid
Analysis Batch: 747159

Client Sample ID: CS-18 (0.5')
Prep Type: Total/NA
Prep Batch: 746675

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Picric acid	<0.191	U H	0.981	1.090		mg/Kg		111	43 - 150		

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dinitrobenzene	107		70 - 130

Lab Sample ID: 880-70601-18 MSD
Matrix: Solid
Analysis Batch: 747159

Client Sample ID: CS-18 (0.5')
Prep Type: Total/NA
Prep Batch: 746675

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Picric acid	<0.191	U H	0.948	1.037		mg/Kg		109	43 - 150	5	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dinitrobenzene	106		70 - 130

Lab Sample ID: MB 280-746678/1-A
Matrix: Solid
Analysis Batch: 746802

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 746678

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.200	U	0.200		mg/Kg		05/08/26 14:29	05/09/26 23:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dinitrobenzene	107		70 - 130	05/08/26 14:29	05/09/26 23:46	1

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Method: 8330B - Nitroaromatics and Nitramines (HPLC) (Continued)

Lab Sample ID: LCS 280-746678/2-A
Matrix: Solid
Analysis Batch: 746802

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 746678

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Picric acid			1.00	1.069		mg/Kg		107	43 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dinitrobenzene	*106*		*70 - 130*

Lab Sample ID: 280-225963-B-10-B MS
Matrix: Solid
Analysis Batch: 746802

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 746678

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Picric acid	<0.198	U	0.933	0.9845		mg/Kg		106	43 - 150		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dinitrobenzene	*103*		*70 - 130*

Lab Sample ID: 280-225963-B-10-C MSD
Matrix: Solid
Analysis Batch: 746802

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 746678

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Picric acid	<0.198	U	0.951	1.010		mg/Kg		106	43 - 150	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dinitrobenzene	*104*		*70 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 320-911363/1-A
Matrix: Solid
Analysis Batch: 911543

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 911363

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.400	U	0.400		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.400	U	0.400		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.400	U	0.400		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 320-911363/1-A
Matrix: Solid
Analysis Batch: 911543

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 911363

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<1.00	U	1.00		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<1.00	U	1.00		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
Perfluorobutanoic acid (PFBA)	<0.400	U	0.400		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
Perfluorodecanesulfonic acid (PFDS)	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
Perfluorodecanoic acid (PFDA)	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
Perfluorododecanesulfonic acid (PFDoS)	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
Perfluorododecanoic acid (PFDoA)	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
Perfluoroheptanoic acid (PFHpA)	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<1.00	U	1.00		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
Perfluorohexanesulfonate (PFHxS-)	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
Perfluorohexanesulfonic acid (PFHxS)	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
Perfluorohexanoic acid (PFHxA)	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
Perfluorononanesulfonic acid (PFNS)	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
Perfluorononanoate (PFNA-)	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
Perfluorononanoic acid (PFNA)	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
Perfluorooctanesulfonamide (PFOSA)	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
Perfluorooctanoate (PFOA-)	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
Perfluorooctanoic acid (PFOA)	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
Perfluoropentanesulfonic acid (PFPeS)	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
Perfluoropentanoic acid (PFPeA)	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<1.00	U	1.00		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.400	U	0.400		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
Perfluorotetradecanoic acid (PFTeDA)	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
Perfluorotridecanoic acid (PFTrDA)	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
Perfluoroundecanoic acid (PFUnA)	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*78.6*		*8 - 130*	*04/12/26 20:14*	*04/13/26 19:53*	*1*
13C5 PFPeA	*102*		*35 - 130*	*04/12/26 20:14*	*04/13/26 19:53*	*1*
13C5 PFHxA	*75.9*		*40 - 130*	*04/12/26 20:14*	*04/13/26 19:53*	*1*
13C4 PFHpA	*84.0*		*40 - 130*	*04/12/26 20:14*	*04/13/26 19:53*	*1*

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 320-911363/1-A
Matrix: Solid
Analysis Batch: 911543

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 911363

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C8 PFOA	82.4		40 - 130	04/12/26 20:14	04/13/26 19:53	1
13C9 PFNA	80.6		40 - 130	04/12/26 20:14	04/13/26 19:53	1
13C6 PFDA	79.0		40 - 130	04/12/26 20:14	04/13/26 19:53	1
13C7 PFUnA	79.6		40 - 130	04/12/26 20:14	04/13/26 19:53	1
13C2 PFDoA	74.1		40 - 130	04/12/26 20:14	04/13/26 19:53	1
13C6 PFTrDA	67.1		20 - 150	04/12/26 20:14	04/13/26 19:53	1
13C2 PFTeDA	72.8		20 - 130	04/12/26 20:14	04/13/26 19:53	1
13C3 PFHxS	79.8		40 - 130	04/12/26 20:14	04/13/26 19:53	1
13C8 PFOS	81.7		40 - 130	04/12/26 20:14	04/13/26 19:53	1
13C8 FOSA	84.1		40 - 130	04/12/26 20:14	04/13/26 19:53	1
d3-NMeFOSAA	81.4		40 - 135	04/12/26 20:14	04/13/26 19:53	1
d5-NEtFOSAA	78.3		40 - 150	04/12/26 20:14	04/13/26 19:53	1
13C2 4:2 FTS	87.1		40 - 165	04/12/26 20:14	04/13/26 19:53	1
13C2 6:2 FTS	88.1		40 - 215	04/12/26 20:14	04/13/26 19:53	1
13C2 8:2 FTS	80.7		40 - 275	04/12/26 20:14	04/13/26 19:53	1
13C3 HFPO-DA	73.3		40 - 130	04/12/26 20:14	04/13/26 19:53	1
d7-N-MeFOSE-M	69.9		20 - 130	04/12/26 20:14	04/13/26 19:53	1
d9-N-EtFOSE-M	67.8		15 - 130	04/12/26 20:14	04/13/26 19:53	1
d5-NEtPFOSA	62.4		10 - 130	04/12/26 20:14	04/13/26 19:53	1
d3-NMePFOSA	59.0		10 - 130	04/12/26 20:14	04/13/26 19:53	1
13C3-3:3 FTCA	104		20 - 150	04/12/26 20:14	04/13/26 19:53	1
13C3-5:3 FTCA	86.9		20 - 150	04/12/26 20:14	04/13/26 19:53	1

Lab Sample ID: LCS 320-911363/3-A
Matrix: Solid
Analysis Batch: 911543

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911363

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.36	2.429		ug/Kg		103	45 - 160
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.34	2.532		ug/Kg		108	70 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	3.138		ug/Kg		133	70 - 160
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	2.650		ug/Kg		141	70 - 145
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	5.793		ug/Kg		121	70 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	5.838		ug/Kg		124	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	5.681		ug/Kg		119	55 - 200
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.963		ug/Kg		119	70 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.992		ug/Kg		120	65 - 165
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	15.04		ug/Kg		120	70 - 135
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	3.161		ug/Kg		126	70 - 155

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 320-911363/3-A
Matrix: Solid
Analysis Batch: 911543

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911363

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	3.153		ug/Kg		126	65 - 155
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	15.10		ug/Kg		121	70 - 140
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	3.117		ug/Kg		125	60 - 155
Perfluorobutanoic acid (PFBA)	5.00	6.285		ug/Kg		126	70 - 140
Perfluorodecanesulfonic acid (PFDS)	2.41	2.508		ug/Kg		104	30 - 140
Perfluorodecanoic acid (PFDA)	2.50	3.180		ug/Kg		127	70 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.43	2.734		ug/Kg		113	25 - 160
Perfluorododecanoic acid (PFDoA)	2.50	3.145		ug/Kg		126	70 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.23	2.788		ug/Kg		125	70 - 140
Perfluoroheptanesulfonic acid (PFHpS)	2.39	3.235		ug/Kg		136	65 - 155
Perfluoroheptanoic acid (PFHpA)	2.50	2.937		ug/Kg		117	65 - 145
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	12.5	16.52		ug/Kg		132	60 - 150
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.739		ug/Kg		120	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.737		ug/Kg		109	65 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.485		ug/Kg		99	60 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.806		ug/Kg		112	30 - 140
Perfluorononanesulfonic acid (PFNS)	2.41	2.858		ug/Kg		119	55 - 140
Perfluorononanoic acid (PFNA)	2.50	3.176		ug/Kg		127	70 - 155
Perfluorooctanesulfonamide (PFOSA)	2.50	3.151		ug/Kg		126	70 - 140
Perfluorooctanoic acid (PFOA)	2.50	2.963		ug/Kg		119	70 - 150
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.788		ug/Kg		119	55 - 160
Perfluoropentanoic acid (PFPeA)	2.50	2.825		ug/Kg		113	60 - 150
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.5	14.27		ug/Kg		114	60 - 130
3-Perfluoropropylpropanoic acid (3:3 FTCA)	5.00	5.948		ug/Kg		119	45 - 130
Perfluorotetradecanoic acid (PFTeDA)	2.50	3.313		ug/Kg		133	65 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.947		ug/Kg		118	65 - 150
Perfluoroundecanoic acid (PFUnA)	2.50	3.552		ug/Kg		142	70 - 155

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*76.6*		*8 - 130*
13C5 PFPeA	*98.5*		*35 - 130*
13C5 PFHxA	*79.1*		*40 - 130*
13C4 PFHpA	*81.1*		*40 - 130*
13C8 PFOA	*72.6*		*40 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 320-911363/3-A
Matrix: Solid
Analysis Batch: 911543

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911363

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C9 PFNA	72.0		40 - 130
13C6 PFDA	68.0		40 - 130
13C7 PFUnA	79.2		40 - 130
13C2 PFDoA	70.5		40 - 130
13C6 PFTrDA	61.6		20 - 150
13C2 PFTeDA	65.6		20 - 130
13C3 PFHxS	72.5		40 - 130
13C8 PFOS	78.0		40 - 130
13C8 FOSA	77.4		40 - 130
d3-NMeFOSAA	77.7		40 - 135
d5-NEtFOSAA	75.8		40 - 150
13C2 4:2 FTS	77.7		40 - 165
13C2 6:2 FTS	81.3		40 - 215
13C2 8:2 FTS	74.6		40 - 275
13C3 HFPO-DA	74.4		40 - 130
d7-N-MeFOSE-M	61.9		20 - 130
d9-N-EtFOSE-M	58.9		15 - 130
d5-NEtPFOSA	59.4		10 - 130
d3-NMePFOSA	56.6		10 - 130
13C3-3:3 FTCA	145		20 - 150
13C3-5:3 FTCA	85.4		20 - 150

Lab Sample ID: LCSD 320-911363/4-A
Matrix: Solid
Analysis Batch: 911543

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 911363

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.36	2.194		ug/Kg		93	45 - 160	10	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.34	2.273		ug/Kg		97	70 - 150	11	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)			2.37	2.821		ug/Kg		119	70 - 160	11	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)			1.88	2.013		ug/Kg		107	70 - 145	27	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)			4.80	5.358		ug/Kg		112	70 - 150	8	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)			4.69	5.347		ug/Kg		114	60 - 150	9	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)			4.76	5.442		ug/Kg		114	55 - 200	4	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)			2.50	2.837		ug/Kg		113	70 - 140	4	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)			2.50	2.778		ug/Kg		111	65 - 165	7	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)			12.5	12.71		ug/Kg		102	70 - 135	17	30
N-methylperfluorooctane sulfonamide (NMeFOSA)			2.50	2.665		ug/Kg		107	70 - 155	17	30

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 320-911363/4-A
Matrix: Solid
Analysis Batch: 911543

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 911363

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)			2.50	2.858		ug/Kg		114	65 - 155	10	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)			12.5	13.33		ug/Kg		107	70 - 140	12	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			2.50	2.629		ug/Kg		105	60 - 155	17	30
Perfluorobutanoic acid (PFBA)			5.00	5.249		ug/Kg		105	70 - 140	18	30
Perfluorodecanesulfonic acid (PFDS)			2.41	2.229		ug/Kg		92	30 - 140	12	30
Perfluorodecanoic acid (PFDA)			2.50	2.839		ug/Kg		114	70 - 155	11	30
Perfluorododecanesulfonic acid (PFDoS)			2.43	2.345		ug/Kg		97	25 - 160	15	30
Perfluorododecanoic acid (PFDoA)			2.50	2.592		ug/Kg		104	70 - 150	19	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.23	2.473		ug/Kg		111	70 - 140	12	30
Perfluoroheptanesulfonic acid (PFHpS)			2.39	2.760		ug/Kg		116	65 - 155	16	30
Perfluoroheptanoic acid (PFHpA)			2.50	2.376		ug/Kg		95	65 - 145	21	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	13.84		ug/Kg		111	60 - 150	18	30
Perfluorohexanesulfonic acid (PFHxS)			2.28	2.396		ug/Kg		105	60 - 150	13	30
Perfluorohexanoic acid (PFHxA)			2.50	2.324		ug/Kg		93	65 - 140	16	30
Perfluoro-4-methoxybutanoic acid (PFMBA)			2.50	2.018		ug/Kg		81	60 - 150	21	30
Perfluoro-3-methoxypropanoic acid (PFMPA)			2.50	2.580		ug/Kg		103	30 - 140	8	30
Perfluorononanesulfonic acid (PFNS)			2.41	2.557		ug/Kg		106	55 - 140	11	30
Perfluorononanoic acid (PFNA)			2.50	2.521		ug/Kg		101	70 - 155	23	30
Perfluorooctanesulfonamide (PFOSA)			2.50	2.724		ug/Kg		109	70 - 140	15	30
Perfluorooctanoic acid (PFOA)			2.50	2.797		ug/Kg		112	70 - 150	6	30
Perfluoropentanesulfonic acid (PFPeS)			2.35	2.443		ug/Kg		104	55 - 160	13	30
Perfluoropentanoic acid (PFPeA)			2.50	2.343		ug/Kg		94	60 - 150	19	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.5	13.16		ug/Kg		105	60 - 130	8	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)			5.00	5.171		ug/Kg		103	45 - 130	14	30
Perfluorotetradecanoic acid (PFTeDA)			2.50	2.797		ug/Kg		112	65 - 150	17	30
Perfluorotridecanoic acid (PFTrDA)			2.50	2.667		ug/Kg		107	65 - 150	10	30
Perfluoroundecanoic acid (PFUnA)			2.50	3.156		ug/Kg		126	70 - 155	12	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4 PFBA	*80.4*		*8 - 130*
13C5 PFPeA	*110*		*35 - 130*
13C5 PFHxA	*86.2*		*40 - 130*
13C4 PFHpA	*89.8*		*40 - 130*
13C8 PFOA	*80.1*		*40 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 320-911363/4-A
Matrix: Solid
Analysis Batch: 911543

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 911363

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C9 PFNA	83.2		40 - 130
13C6 PFDA	74.2		40 - 130
13C7 PFUnA	83.8		40 - 130
13C2 PFDoA	84.7		40 - 130
13C6 PFTrDA	69.3		20 - 150
13C2 PFTeDA	75.6		20 - 130
13C3 PFHxS	79.3		40 - 130
13C8 PFOS	82.8		40 - 130
13C8 FOSA	84.1		40 - 130
d3-NMeFOSAA	82.1		40 - 135
d5-NEtFOSAA	77.1		40 - 150
13C2 4:2 FTS	81.9		40 - 165
13C2 6:2 FTS	80.9		40 - 215
13C2 8:2 FTS	76.0		40 - 275
13C3 HFPO-DA	77.8		40 - 130
d7-N-MeFOSE-M	70.2		20 - 130
d9-N-EtFOSE-M	71.4		15 - 130
d5-NEtPFOSA	62.5		10 - 130
d3-NMePFOSA	62.5		10 - 130
13C3-3:3 FTCA	131		20 - 150
13C3-5:3 FTCA	84.0		20 - 150

Lab Sample ID: LLCS 320-911363/2-A
Matrix: Solid
Analysis Batch: 911543

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911363

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.378	0.3514		ug/Kg		93	45 - 160
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.374	0.3525		ug/Kg		94	70 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.378	0.4798		ug/Kg		127	70 - 160
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.300	0.4159		ug/Kg		139	70 - 145
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.768	0.8813		ug/Kg		115	70 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.750	0.8217		ug/Kg		109	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.762	0.9063		ug/Kg		119	55 - 200
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.400	0.5018		ug/Kg		125	70 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.400	0.4805		ug/Kg		120	65 - 165
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	2.00	2.230		ug/Kg		111	70 - 135
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.400	0.4792		ug/Kg		120	70 - 155

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 320-911363/2-A
Matrix: Solid
Analysis Batch: 911543

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911363

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.400	0.4777		ug/Kg		119	65 - 155
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	2.00	2.288		ug/Kg		114	70 - 140
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.400	0.4220		ug/Kg		106	60 - 155
Perfluorobutanoic acid (PFBA)	0.800	0.9229		ug/Kg		115	70 - 140
Perfluorodecanesulfonic acid (PFDS)	0.386	0.3605		ug/Kg		93	30 - 140
Perfluorodecanoic acid (PFDA)	0.400	0.5105		ug/Kg		128	70 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.388	0.3758		ug/Kg		97	25 - 160
Perfluorododecanoic acid (PFDoA)	0.400	0.4427		ug/Kg		111	70 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.357	0.3707		ug/Kg		104	70 - 140
Perfluoroheptanesulfonic acid (PFHpS)	0.382	0.4877		ug/Kg		128	65 - 155
Perfluoroheptanoic acid (PFHpA)	0.400	0.4285		ug/Kg		107	65 - 145
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	2.00	2.230		ug/Kg		112	60 - 150
Perfluorohexanesulfonic acid (PFHxS)	0.365	0.4035		ug/Kg		111	60 - 150
Perfluorohexanoic acid (PFHxA)	0.400	0.4110		ug/Kg		103	65 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.400	0.3366		ug/Kg		84	60 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.400	0.4038		ug/Kg		101	30 - 140
Perfluorononanesulfonic acid (PFNS)	0.385	0.4336		ug/Kg		113	55 - 140
Perfluorononanoic acid (PFNA)	0.400	0.4847		ug/Kg		121	70 - 155
Perfluorooctanesulfonamide (PFOSA)	0.400	0.4741		ug/Kg		119	70 - 140
Perfluorooctanoic acid (PFOA)	0.400	0.4482		ug/Kg		112	70 - 150
Perfluoropentanesulfonic acid (PFPeS)	0.376	0.3821		ug/Kg		102	55 - 160
Perfluoropentanoic acid (PFPeA)	0.400	0.4016		ug/Kg		100	60 - 150
3-Perfluoropentylpropanoic acid (5:3 FTCA)	2.00	2.190		ug/Kg		110	60 - 130
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.800	0.9178		ug/Kg		115	45 - 130
Perfluorotetradecanoic acid (PFTeDA)	0.400	0.5116		ug/Kg		128	65 - 150
Perfluorotridecanoic acid (PFTrDA)	0.400	0.4186		ug/Kg		105	65 - 150
Perfluoroundecanoic acid (PFUnA)	0.400	0.5752		ug/Kg		144	70 - 155

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*77.6*		*8 - 130*
13C5 PFPeA	*102*		*35 - 130*
13C5 PFHxA	*83.4*		*40 - 130*
13C4 PFHpA	*81.2*		*40 - 130*
13C8 PFOA	*80.3*		*40 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 320-911363/2-A
Matrix: Solid
Analysis Batch: 911543

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911363

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
13C9 PFNA	75.0		40 - 130
13C6 PFDA	69.5		40 - 130
13C7 PFUnA	67.8		40 - 130
13C2 PFDoA	73.1		40 - 130
13C6 PFTrDA	64.1		20 - 150
13C2 PFTeDA	66.7		20 - 130
13C3 PFHxS	75.2		40 - 130
13C8 PFOS	79.8		40 - 130
13C8 FOSA	79.4		40 - 130
d3-NMeFOSAA	81.2		40 - 135
d5-NEtFOSAA	78.4		40 - 150
13C2 4:2 FTS	83.6		40 - 165
13C2 6:2 FTS	84.7		40 - 215
13C2 8:2 FTS	71.4		40 - 275
13C3 HFPO-DA	70.5		40 - 130
d7-N-MeFOSE-M	67.1		20 - 130
d9-N-EtFOSE-M	68.4		15 - 130
d5-NEtPFOSA	64.9		10 - 130
d3-NMePFOSA	63.4		10 - 130
13C3-3:3 FTCA	155	*5+	20 - 150
13C3-5:3 FTCA	82.8		20 - 150

Lab Sample ID: MB 320-911465/1-A
Matrix: Solid
Analysis Batch: 911666

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 911465

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.400	U	0.400		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.400	U	0.400		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.400	U	0.400		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<1.00	U	1.00		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 320-911465/1-A
Matrix: Solid
Analysis Batch: 911666

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 911465

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<1.00	U	1.00		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorobutanoic acid (PFBA)	<0.400	U	0.400		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorodecanesulfonic acid (PFDS)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorodecanoic acid (PFDA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorododecanesulfonic acid (PFDoS)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorododecanoic acid (PFDoA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluoroheptanoic acid (PFHpA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<1.00	U	1.00		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorohexanesulfonate (PFHxS-)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorohexanesulfonic acid (PFHxS)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorohexanoic acid (PFHxA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorononanesulfonic acid (PFNS)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorononanoate (PFNA-)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorononanoic acid (PFNA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorooctanesulfonamide (PFOSA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorooctanoate (PFOA-)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorooctanoic acid (PFOA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluoropentanesulfonic acid (PFPeS)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluoropentanoic acid (PFPeA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<1.00	U	1.00		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.400	U	0.400		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorotetradecanoic acid (PFTeDA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorotridecanoic acid (PFTrDA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluoroundecanoic acid (PFUnA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*82.6*		*8 - 130*	*04/13/26 11:46*	*04/14/26 10:04*	*1*
13C5 PFPeA	*100*		*35 - 130*	*04/13/26 11:46*	*04/14/26 10:04*	*1*
13C5 PFHxA	*85.8*		*40 - 130*	*04/13/26 11:46*	*04/14/26 10:04*	*1*
13C4 PFHpA	*93.0*		*40 - 130*	*04/13/26 11:46*	*04/14/26 10:04*	*1*
13C8 PFOA	*91.6*		*40 - 130*	*04/13/26 11:46*	*04/14/26 10:04*	*1*
13C9 PFNA	*90.8*		*40 - 130*	*04/13/26 11:46*	*04/14/26 10:04*	*1*
13C6 PFDA	*85.1*		*40 - 130*	*04/13/26 11:46*	*04/14/26 10:04*	*1*
13C7 PFUnA	*86.8*		*40 - 130*	*04/13/26 11:46*	*04/14/26 10:04*	*1*
13C2 PFDoA	*87.3*		*40 - 130*	*04/13/26 11:46*	*04/14/26 10:04*	*1*

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 320-911465/1-A
Matrix: Solid
Analysis Batch: 911666

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 911465

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C6 PFTrDA	74.8		20 - 150	04/13/26 11:46	04/14/26 10:04	1
13C2 PFTeDA	80.4		20 - 130	04/13/26 11:46	04/14/26 10:04	1
13C3 PFHxS	82.2		40 - 130	04/13/26 11:46	04/14/26 10:04	1
13C8 PFOS	83.5		40 - 130	04/13/26 11:46	04/14/26 10:04	1
13C8 FOSA	88.1		40 - 130	04/13/26 11:46	04/14/26 10:04	1
d3-NMeFOSAA	82.1		40 - 135	04/13/26 11:46	04/14/26 10:04	1
d5-NEtFOSAA	78.8		40 - 150	04/13/26 11:46	04/14/26 10:04	1
13C2 4:2 FTS	84.1		40 - 165	04/13/26 11:46	04/14/26 10:04	1
13C2 6:2 FTS	95.4		40 - 215	04/13/26 11:46	04/14/26 10:04	1
13C2 8:2 FTS	85.5		40 - 275	04/13/26 11:46	04/14/26 10:04	1
13C3 HFPO-DA	80.0		40 - 130	04/13/26 11:46	04/14/26 10:04	1
d7-N-MeFOSE-M	65.6		20 - 130	04/13/26 11:46	04/14/26 10:04	1
d9-N-EtFOSE-M	66.3		15 - 130	04/13/26 11:46	04/14/26 10:04	1
d5-NEtPFOSA	66.0		10 - 130	04/13/26 11:46	04/14/26 10:04	1
d3-NMePFOSA	70.2		10 - 130	04/13/26 11:46	04/14/26 10:04	1
13C3-3:3 FTCA	90.0		20 - 150	04/13/26 11:46	04/14/26 10:04	1
13C3-5:3 FTCA	101		20 - 150	04/13/26 11:46	04/14/26 10:04	1

Lab Sample ID: LCS 320-911465/3-A
Matrix: Solid
Analysis Batch: 911666

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911465

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.36	1.660		ug/Kg		70	45 - 160
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.34	2.098		ug/Kg		90	70 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.646		ug/Kg		112	70 - 160
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.970		ug/Kg		105	70 - 145
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.897		ug/Kg		102	70 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	5.009		ug/Kg		107	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.943		ug/Kg		104	55 - 200
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.763		ug/Kg		111	70 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.613		ug/Kg		105	65 - 165
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	12.46		ug/Kg		100	70 - 135
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.699		ug/Kg		108	70 - 155
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.828		ug/Kg		113	65 - 155
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	13.37		ug/Kg		107	70 - 140
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	2.861		ug/Kg		114	60 - 155

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 320-911465/3-A
Matrix: Solid
Analysis Batch: 911666

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911465

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	5.209		ug/Kg		104	70 - 140
Perfluorodecanesulfonic acid (PFDS)	2.41	1.890		ug/Kg		78	30 - 140
Perfluorodecanoic acid (PFDA)	2.50	2.659		ug/Kg		106	70 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.43	1.533		ug/Kg		63	25 - 160
Perfluorododecanoic acid (PFDoA)	2.50	2.668		ug/Kg		107	70 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.23	2.485		ug/Kg		111	70 - 140
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.708		ug/Kg		114	65 - 155
Perfluoroheptanoic acid (PFHpA)	2.50	2.680		ug/Kg		107	65 - 145
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	12.5	14.65		ug/Kg		117	60 - 150
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.389		ug/Kg		105	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.422		ug/Kg		97	65 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.364		ug/Kg		95	60 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.693		ug/Kg		108	30 - 140
Perfluorononanesulfonic acid (PFNS)	2.41	2.191		ug/Kg		91	55 - 140
Perfluorononanoic acid (PFNA)	2.50	2.719		ug/Kg		109	70 - 155
Perfluorooctanesulfonamide (PFOSA)	2.50	2.794		ug/Kg		112	70 - 140
Perfluorooctanoic acid (PFOA)	2.50	2.649		ug/Kg		106	70 - 150
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.426		ug/Kg		103	55 - 160
Perfluoropentanoic acid (PFPeA)	2.50	2.518		ug/Kg		101	60 - 150
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.5	12.73		ug/Kg		102	60 - 130
3-Perfluoropropylpropanoic acid (3:3 FTCA)	5.00	4.884		ug/Kg		98	45 - 130
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.527		ug/Kg		101	65 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.607		ug/Kg		104	65 - 150
Perfluoroundecanoic acid (PFUnA)	2.50	3.129		ug/Kg		125	70 - 155

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*87.9*		*8 - 130*
13C5 PFPeA	*106*		*35 - 130*
13C5 PFHxA	*92.5*		*40 - 130*
13C4 PFHpA	*99.8*		*40 - 130*
13C8 PFOA	*96.4*		*40 - 130*
13C9 PFNA	*90.4*		*40 - 130*
13C6 PFDA	*77.1*		*40 - 130*
13C7 PFUnA	*77.2*		*40 - 130*
13C2 PFDoA	*66.1*		*40 - 130*
13C6 PFTrDA	*46.9*		*20 - 150*

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 320-911465/3-A
Matrix: Solid
Analysis Batch: 911666

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911465

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C2 PFTeDA	55.5		20 - 130
13C3 PFHxS	83.2		40 - 130
13C8 PFOS	84.2		40 - 130
13C8 FOSA	72.9		40 - 130
d3-NMeFOSAA	73.8		40 - 135
d5-NEtFOSAA	73.6		40 - 150
13C2 4:2 FTS	90.1		40 - 165
13C2 6:2 FTS	88.9		40 - 215
13C2 8:2 FTS	81.8		40 - 275
13C3 HFPO-DA	95.1		40 - 130
d7-N-MeFOSE-M	39.4		20 - 130
d9-N-EtFOSE-M	40.8		15 - 130
d5-NEtPFOSA	40.9		10 - 130
d3-NMePFOSA	40.8		10 - 130
13C3-3:3 FTCA	101		20 - 150
13C3-5:3 FTCA	96.9		20 - 150

Lab Sample ID: LCSD 320-911465/4-A
Matrix: Solid
Analysis Batch: 911666

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 911465

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.36	2.171		ug/Kg		92	45 - 160	27	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.34	2.268		ug/Kg		97	70 - 150	8	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)			2.37	2.898		ug/Kg		123	70 - 160	9	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)			1.88	2.197		ug/Kg		117	70 - 145	11	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)			4.80	4.921		ug/Kg		103	70 - 150	1	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)			4.69	5.018		ug/Kg		107	60 - 150	0	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)			4.76	4.904		ug/Kg		103	55 - 200	1	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)			2.50	2.705		ug/Kg		108	70 - 140	2	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)			2.50	2.722		ug/Kg		109	65 - 165	4	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)			12.5	13.17		ug/Kg		105	70 - 135	5	30
N-methylperfluorooctane sulfonamide (NMeFOSA)			2.50	3.075		ug/Kg		123	70 - 155	13	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)			2.50	3.071		ug/Kg		123	65 - 155	8	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)			12.5	13.31		ug/Kg		106	70 - 140	0	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			2.50	2.699		ug/Kg		108	60 - 155	6	30
Perfluorobutanoic acid (PFBA)			5.00	5.404		ug/Kg		108	70 - 140	4	30

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QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 320-911465/4-A
Matrix: Solid
Analysis Batch: 911666

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 911465

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorodecanesulfonic acid (PFDS)			2.41	2.211		ug/Kg		92	30 - 140	16	30
Perfluorodecanoic acid (PFDA)			2.50	2.738		ug/Kg		110	70 - 155	3	30
Perfluorododecanesulfonic acid (PFDoS)			2.43	2.328	*1	ug/Kg		96	25 - 160	41	30
Perfluorododecanoic acid (PFDoA)			2.50	2.614		ug/Kg		105	70 - 150	2	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.23	2.460		ug/Kg		110	70 - 140	1	30
Perfluoroheptanesulfonic acid (PFHpS)			2.39	2.795		ug/Kg		117	65 - 155	3	30
Perfluoroheptanoic acid (PFHpA)			2.50	2.584		ug/Kg		103	65 - 145	4	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	15.21		ug/Kg		122	60 - 150	4	30
Perfluorohexanesulfonic acid (PFHxS)			2.28	2.500		ug/Kg		110	60 - 150	5	30
Perfluorohexanoic acid (PFHxA)			2.50	2.350		ug/Kg		94	65 - 140	3	30
Perfluoro-4-methoxybutanoic acid (PFMBA)			2.50	2.282		ug/Kg		91	60 - 150	4	30
Perfluoro-3-methoxypropanoic acid (PFMPA)			2.50	2.431		ug/Kg		97	30 - 140	10	30
Perfluorononanesulfonic acid (PFNS)			2.41	2.613		ug/Kg		109	55 - 140	18	30
Perfluorononanoic acid (PFNA)			2.50	2.611		ug/Kg		104	70 - 155	4	30
Perfluorooctanesulfonamide (PFOSA)			2.50	2.773		ug/Kg		111	70 - 140	1	30
Perfluorooctanoic acid (PFOA)			2.50	2.707		ug/Kg		108	70 - 150	2	30
Perfluoropentanesulfonic acid (PFPeS)			2.35	2.589		ug/Kg		110	55 - 160	6	30
Perfluoropentanoic acid (PFPeA)			2.50	2.619		ug/Kg		105	60 - 150	4	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.5	14.07		ug/Kg		113	60 - 130	10	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)			5.00	5.520		ug/Kg		110	45 - 130	12	30
Perfluorotetradecanoic acid (PFTeDA)			2.50	2.915		ug/Kg		117	65 - 150	14	30
Perfluorotridecanoic acid (PFTrDA)			2.50	2.732		ug/Kg		109	65 - 150	5	30
Perfluoroundecanoic acid (PFUnA)			2.50	3.320		ug/Kg		133	70 - 155	6	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4 PFBA	*89.6*		*8 - 130*
13C5 PFPeA	*107*		*35 - 130*
13C5 PFHxA	*97.1*		*40 - 130*
13C4 PFHpA	*98.2*		*40 - 130*
13C8 PFOA	*93.2*		*40 - 130*
13C9 PFNA	*94.6*		*40 - 130*
13C6 PFDA	*87.1*		*40 - 130*
13C7 PFUnA	*95.9*		*40 - 130*
13C2 PFDoA	*88.6*		*40 - 130*
13C6 PFTrDA	*72.2*		*20 - 150*
13C2 PFTeDA	*73.8*		*20 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 320-911465/4-A
Matrix: Solid
Analysis Batch: 911666

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 911465

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C3 PFHxS	*85.7*		*40 - 130*
13C8 PFOS	*87.8*		*40 - 130*
13C8 FOSA	*91.9*		*40 - 130*
d3-NMeFOSAA	*83.8*		*40 - 135*
d5-NEtFOSAA	*85.0*		*40 - 150*
13C2 4:2 FTS	*86.7*		*40 - 165*
13C2 6:2 FTS	*95.8*		*40 - 215*
13C2 8:2 FTS	*91.4*		*40 - 275*
13C3 HFPO-DA	*86.0*		*40 - 130*
d7-N-MeFOSE-M	*60.4*		*20 - 130*
d9-N-EtFOSE-M	*59.5*		*15 - 130*
d5-NEtPFOSA	*53.3*		*10 - 130*
d3-NMePFOSA	*51.6*		*10 - 130*
13C3-3:3 FTCA	*97.9*		*20 - 150*
13C3-5:3 FTCA	*92.2*		*20 - 150*

Lab Sample ID: LLCS 320-911465/2-A
Matrix: Solid
Analysis Batch: 911666

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911465

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.378	0.3151		ug/Kg		83	45 - 160
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.374	0.3475		ug/Kg		93	70 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.378	0.4412		ug/Kg		117	70 - 160
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.300	0.3321		ug/Kg		111	70 - 145
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.768	0.8246		ug/Kg		107	70 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.750	0.7435		ug/Kg		99	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.762	0.8126		ug/Kg		107	55 - 200
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.400	0.4496		ug/Kg		112	70 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.400	0.4283		ug/Kg		107	65 - 165
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	2.00	1.957		ug/Kg		98	70 - 135
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.400	0.4468		ug/Kg		112	70 - 155
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.400	0.4518		ug/Kg		113	65 - 155
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	2.00	2.162		ug/Kg		108	70 - 140
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.400	0.4837		ug/Kg		121	60 - 155
Perfluorobutanoic acid (PFBA)	0.800	0.8599		ug/Kg		107	70 - 140

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 320-911465/2-A
Matrix: Solid
Analysis Batch: 911666

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911465

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorodecanesulfonic acid (PFDS)	0.386	0.3655		ug/Kg		95	30 - 140
Perfluorodecanoic acid (PFDA)	0.400	0.4566		ug/Kg		114	70 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.388	0.3607		ug/Kg		93	25 - 160
Perfluorododecanoic acid (PFDoA)	0.400	0.3918		ug/Kg		98	70 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.357	0.3815		ug/Kg		107	70 - 140
Perfluoroheptanesulfonic acid (PFHpS)	0.382	0.4663		ug/Kg		122	65 - 155
Perfluoroheptanoic acid (PFHpA)	0.400	0.4505		ug/Kg		113	65 - 145
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	2.00	2.213		ug/Kg		111	60 - 150
Perfluorohexanesulfonic acid (PFHxS)	0.365	0.3776		ug/Kg		104	60 - 150
Perfluorohexanoic acid (PFHxA)	0.400	0.4103		ug/Kg		103	65 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.400	0.3711		ug/Kg		93	60 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.400	0.3840		ug/Kg		96	30 - 140
Perfluorononanesulfonic acid (PFNS)	0.385	0.3832		ug/Kg		100	55 - 140
Perfluorononanoic acid (PFNA)	0.400	0.4165		ug/Kg		104	70 - 155
Perfluorooctanesulfonamide (PFOSA)	0.400	0.4603		ug/Kg		115	70 - 140
Perfluorooctanoic acid (PFOA)	0.400	0.3918		ug/Kg		98	70 - 150
Perfluoropentanesulfonic acid (PFPeS)	0.376	0.3440		ug/Kg		91	55 - 160
Perfluoropentanoic acid (PFPeA)	0.400	0.3982		ug/Kg		100	60 - 150
3-Perfluoropentylpropanoic acid (5:3 FTCA)	2.00	1.993		ug/Kg		100	60 - 130
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.800	0.7669		ug/Kg		96	45 - 130
Perfluorotetradecanoic acid (PFTeDA)	0.400	0.4576		ug/Kg		114	65 - 150
Perfluorotridecanoic acid (PFTrDA)	0.400	0.3991		ug/Kg		100	65 - 150
Perfluoroundecanoic acid (PFUnA)	0.400	0.5033		ug/Kg		126	70 - 155

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*85.5*		*8 - 130*
13C5 PFPeA	*101*		*35 - 130*
13C5 PFHxA	*92.6*		*40 - 130*
13C4 PFHpA	*93.2*		*40 - 130*
13C8 PFOA	*96.9*		*40 - 130*
13C9 PFNA	*92.8*		*40 - 130*
13C6 PFDA	*73.3*		*40 - 130*
13C7 PFUnA	*77.5*		*40 - 130*
13C2 PFDoA	*72.7*		*40 - 130*
13C6 PFTrDA	*62.0*		*20 - 150*
13C2 PFTeDA	*71.3*		*20 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 320-911465/2-A
Matrix: Solid
Analysis Batch: 911666

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911465

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C3 PFHxS	*85.8*		*40 - 130*
13C8 PFOS	*79.1*		*40 - 130*
13C8 FOSA	*78.0*		*40 - 130*
d3-NMeFOSAA	*73.9*		*40 - 135*
d5-NEtFOSAA	*72.8*		*40 - 150*
13C2 4:2 FTS	*88.0*		*40 - 165*
13C2 6:2 FTS	*89.6*		*40 - 215*
13C2 8:2 FTS	*80.2*		*40 - 275*
13C3 HFPO-DA	*87.0*		*40 - 130*
d7-N-MeFOSE-M	*45.2*		*20 - 130*
d9-N-EtFOSE-M	*48.2*		*15 - 130*
d5-NEtPFOSA	*47.8*		*10 - 130*
d3-NMePFOSA	*45.8*		*10 - 130*
13C3-3:3 FTCA	*102*		*20 - 150*
13C3-5:3 FTCA	*97.3*		*20 - 150*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Lab Sample ID: MB 320-911363/1-A
Matrix: Solid
Analysis Batch: 919047

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 911363

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-) - RA	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
Perfluorobutanesulfonic acid (PFBS) - RA	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
Perfluorooctanesulfonate (PFOS-) - RA	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
Perfluorooctanesulfonic acid (PFOS) - RA	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
Potassium Perfluorobutane Sulfonate - RA	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1
Potassium Perfluorooctanesulfonate - RA	<0.200	U	0.200		ug/Kg		04/12/26 20:14	04/13/26 19:53	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFBS - RA	*83.6*		*40 - 135*	*04/12/26 20:14*	*04/13/26 19:53*	*1*
13C8 PFOS - RA	*81.7*		*40 - 130*	*04/12/26 20:14*	*04/13/26 19:53*	*1*

Lab Sample ID: LCS 320-911363/3-A
Matrix: Solid
Analysis Batch: 919047

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911363

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanesulfonate (PFBS-) - RA	2.21	2.512		ug/Kg		114	65 - 145
Perfluorobutanesulfonic acid (PFBS) - RA	2.22	2.520		ug/Kg		114	65 - 145
Perfluorooctanesulfonate (PFOS-) - RA	2.32	2.778		ug/Kg		120	65 - 160

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA (Continued)

Lab Sample ID: LCS 320-911363/3-A
Matrix: Solid
Analysis Batch: 919047

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911363

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorooctanesulfonic acid (PFOS) - RA	2.33	2.783		ug/Kg		120	65 - 160
Potassium Perfluorobutane Sulfonate - RA	2.51	2.850		ug/Kg		114	65 - 145
Potassium Perfluorooctanesulfonate - RA	2.51	3.001		ug/Kg		120	65 - 160

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C3 PFBS - RA	*75.6*		*40 - 135*
13C8 PFOS - RA	*78.0*		*40 - 130*

Lab Sample ID: LCSD 320-911363/4-A
Matrix: Solid
Analysis Batch: 919047

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 911363

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanesulfonate (PFBS-) - RA	2.21	2.171		ug/Kg		98	65 - 145	15	30
Perfluorobutanesulfonic acid (PFBS) - RA	2.22	2.178		ug/Kg		98	65 - 145	15	30
Perfluorooctanesulfonate (PFOS-) - RA	2.32	2.348		ug/Kg		101	65 - 160	17	30
Perfluorooctanesulfonic acid (PFOS) - RA	2.33	2.353		ug/Kg		101	65 - 160	17	30
Potassium Perfluorobutane Sulfonate - RA	2.51	2.463		ug/Kg		98	65 - 145	15	30
Potassium Perfluorooctanesulfonate - RA	2.51	2.537		ug/Kg		101	65 - 160	17	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C3 PFBS - RA	*86.1*		*40 - 135*
13C8 PFOS - RA	*82.8*		*40 - 130*

Lab Sample ID: LLCS 320-911363/2-A
Matrix: Solid
Analysis Batch: 919047

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911363

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanesulfonate (PFBS-) - RA	0.354	0.3507		ug/Kg		99	65 - 145
Perfluorobutanesulfonic acid (PFBS) - RA	0.355	0.3519		ug/Kg		99	65 - 145
Perfluorooctanesulfonate (PFOS-) - RA	0.371	0.4086		ug/Kg		110	65 - 160
Perfluorooctanesulfonic acid (PFOS) - RA	0.372	0.4094		ug/Kg		110	65 - 160
Potassium Perfluorobutane Sulfonate - RA	0.402	0.3979		ug/Kg		99	65 - 145
Potassium Perfluorooctanesulfonate - RA	0.401	0.4414		ug/Kg		110	65 - 160

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C3 PFBS - RA	*78.4*		*40 - 135*

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA (Continued)

Lab Sample ID: LLCS 320-911363/2-A
Matrix: Solid
Analysis Batch: 919047

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911363

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
13C8 PFOS - RA	79.8		40 - 130

Lab Sample ID: MB 320-911465/1-A
Matrix: Solid
Analysis Batch: 919049

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 911465

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-) - RA	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorobutanesulfonic acid (PFBS) - RA	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorooctanesulfonate (PFOS-) - RA	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorooctanesulfonic acid (PFOS) - RA	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Potassium Perfluorobutane Sulfonate - RA	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Potassium Perfluorooctanesulfonate - RA	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS - RA	83.1		40 - 135	04/13/26 11:46	04/14/26 10:04	1
13C8 PFOS - RA	83.5		40 - 130	04/13/26 11:46	04/14/26 10:04	1

Lab Sample ID: LCS 320-911465/3-A
Matrix: Solid
Analysis Batch: 919049

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911465

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanesulfonate (PFBS-) - RA	2.21	2.660		ug/Kg		120	65 - 145
Perfluorobutanesulfonic acid (PFBS) - RA	2.22	2.668		ug/Kg		120	65 - 145
Perfluorooctanesulfonate (PFOS-) - RA	2.32	2.213		ug/Kg		95	65 - 160
Perfluorooctanesulfonic acid (PFOS) - RA	2.33	2.217		ug/Kg		95	65 - 160
Potassium Perfluorobutane Sulfonate - RA	2.51	3.017		ug/Kg		120	65 - 145
Potassium Perfluorooctanesulfonate - RA	2.51	2.391		ug/Kg		95	65 - 160

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C3 PFBS - RA	82.6		40 - 135
13C8 PFOS - RA	84.2		40 - 130

Lab Sample ID: LCSD 320-911465/4-A
Matrix: Solid
Analysis Batch: 919049

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 911465

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanesulfonate (PFBS-) - RA	2.21	2.362		ug/Kg		107	65 - 145	12	30

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA (Continued)

Lab Sample ID: LCSD 320-911465/4-A
Matrix: Solid
Analysis Batch: 919049

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 911465

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanesulfonic acid (PFBS) - RA	2.22	2.370		ug/Kg		107	65 - 145	12	30
Perfluorooctanesulfonate (PFOS-) - RA	2.32	2.473		ug/Kg		107	65 - 160	11	30
Perfluorooctanesulfonic acid (PFOS) - RA	2.33	2.478		ug/Kg		107	65 - 160	11	30
Potassium Perfluorobutane Sulfonate - RA	2.51	2.679		ug/Kg		107	65 - 145	12	30
Potassium Perfluorooctanesulfonate - RA	2.51	2.672		ug/Kg		107	65 - 160	11	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C3 PFBS - RA	*84.8*		*40 - 135*
13C8 PFOS - RA	*87.8*		*40 - 130*

Lab Sample ID: LLCS 320-911465/2-A
Matrix: Solid
Analysis Batch: 919049

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911465

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanesulfonate (PFBS-) - RA	0.354	2.424	*+	ug/Kg		684	65 - 145
Perfluorobutanesulfonic acid (PFBS) - RA	0.355	2.431	*+	ug/Kg		684	65 - 145
Perfluorooctanesulfonate (PFOS-) - RA	0.371	0.3849		ug/Kg		104	65 - 160
Perfluorooctanesulfonic acid (PFOS) - RA	0.372	0.3856		ug/Kg		104	65 - 160
Potassium Perfluorobutane Sulfonate - RA	0.402	2.749	*+	ug/Kg		684	65 - 145
Potassium Perfluorooctanesulfonate - RA	0.401	0.4158		ug/Kg		104	65 - 160

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C3 PFBS - RA	*77.7*		*40 - 135*
13C8 PFOS - RA	*79.1*		*40 - 130*

Method: 9066 - Phenolics, Total Recoverable

Lab Sample ID: MB 860-316999/1-A
Matrix: Solid
Analysis Batch: 317009

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total	<0.100	U	0.100		mg/Kg			04/23/26 19:11	1

Lab Sample ID: MB 860-316999/62-A
Matrix: Solid
Analysis Batch: 317009

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total	<0.100	U	0.100		mg/Kg			04/23/26 22:41	1

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Method: 9066 - Phenolics, Total Recoverable (Continued)

Lab Sample ID: LCS 860-316999/2-A
Matrix: Solid
Analysis Batch: 317009

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenols, Total	1.00	0.9760		mg/Kg		98	90 - 110

Lab Sample ID: LCS 860-316999/63-A
Matrix: Solid
Analysis Batch: 317009

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenols, Total	1.00	0.9720		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 860-316999/3-A
Matrix: Solid
Analysis Batch: 317009

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenols, Total	1.00	0.9850		mg/Kg		99	90 - 110	1	20

Lab Sample ID: LCSD 860-316999/64-A
Matrix: Solid
Analysis Batch: 317009

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenols, Total	1.00	0.9000		mg/Kg		90	90 - 110	8	20

Lab Sample ID: 880-70601-15 MS
Matrix: Solid
Analysis Batch: 317009

Client Sample ID: CS-15 (0.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Phenols, Total	<0.0969	U	0.952	1.045		mg/Kg		110	90 - 110

Lab Sample ID: 880-70601-15 MSD
Matrix: Solid
Analysis Batch: 317009

Client Sample ID: CS-15 (0.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenols, Total	<0.0969	U	0.952	1.050		mg/Kg		110	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

GC/MS Semi VOA

Prep Batch: 315845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70601-21	CS-21 (0.5')	Total/NA	Solid	3546	
880-70601-22	CS-22 (0.5')	Total/NA	Solid	3546	
880-70601-26	CS-26 (0.5')	Total/NA	Solid	3546	
MB 860-315845/1-A	Method Blank	Total/NA	Solid	3546	
LCS 860-315845/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 860-315845/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Prep Batch: 315846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70601-2	CS-2 (0.5')	Total/NA	Solid	3546	
880-70601-3	CS-3 (0.5')	Total/NA	Solid	3546	
880-70601-4	CS-4 (0.5')	Total/NA	Solid	3546	
880-70601-6	CS-6 (0.5')	Total/NA	Solid	3546	
880-70601-8	CS-8 (0.5')	Total/NA	Solid	3546	
880-70601-9	CS-9 (0.5')	Total/NA	Solid	3546	
880-70601-12	CS-12 (0.5')	Total/NA	Solid	3546	
880-70601-19	CS-19 (0.5')	Total/NA	Solid	3546	
880-70601-20	CS-20 (0.5')	Total/NA	Solid	3546	
880-70601-23	CS-23 (0.5')	Total/NA	Solid	3546	
880-70601-24	CS-24 (0.5')	Total/NA	Solid	3546	
880-70601-27	CS-27 (0.5')	Total/NA	Solid	3546	
MB 860-315846/1-A	Method Blank	Total/NA	Solid	3546	
LCS 860-315846/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 860-315846/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Prep Batch: 315886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70601-1	CS-1 (0.5')	Total/NA	Solid	3546	
880-70601-5	CS-5 (0.5')	Total/NA	Solid	3546	
880-70601-7	CS-7 (0.5')	Total/NA	Solid	3546	
880-70601-10	CS-10 (0.5')	Total/NA	Solid	3546	
880-70601-11	CS-11 (0.5')	Total/NA	Solid	3546	
880-70601-13	CS-13 (0.5')	Total/NA	Solid	3546	
880-70601-14	CS-14 (0.5')	Total/NA	Solid	3546	
880-70601-15	CS-15 (0.5')	Total/NA	Solid	3546	
880-70601-16	CS-16 (0.5')	Total/NA	Solid	3546	
880-70601-17	CS-17 (0.5')	Total/NA	Solid	3546	
880-70601-18	CS-18 (0.5')	Total/NA	Solid	3546	
880-70601-25	CS-25 (0.5')	Total/NA	Solid	3546	
MB 860-315886/1-A	Method Blank	Total/NA	Solid	3546	
LCS 860-315886/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 860-315886/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Analysis Batch: 316441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-315845/1-A	Method Blank	Total/NA	Solid	8270E	315845
LCS 860-315845/2-A	Lab Control Sample	Total/NA	Solid	8270E	315845
LCSD 860-315845/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	315845

QC Association Summary

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

GC/MS Semi VOA

Analysis Batch: 317001

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70601-18	CS-18 (0.5')	Total/NA	Solid	8270E	315886
880-70601-25	CS-25 (0.5')	Total/NA	Solid	8270E	315886

Analysis Batch: 317007

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-315886/1-A	Method Blank	Total/NA	Solid	8270E	315886
LCS 860-315886/2-A	Lab Control Sample	Total/NA	Solid	8270E	315886
LCSD 860-315886/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	315886

Analysis Batch: 317089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70601-1	CS-1 (0.5')	Total/NA	Solid	8270E	315886
880-70601-5	CS-5 (0.5')	Total/NA	Solid	8270E	315886
880-70601-7	CS-7 (0.5')	Total/NA	Solid	8270E	315886
880-70601-10	CS-10 (0.5')	Total/NA	Solid	8270E	315886
880-70601-11	CS-11 (0.5')	Total/NA	Solid	8270E	315886
880-70601-13	CS-13 (0.5')	Total/NA	Solid	8270E	315886
880-70601-14	CS-14 (0.5')	Total/NA	Solid	8270E	315886
880-70601-15	CS-15 (0.5')	Total/NA	Solid	8270E	315886
880-70601-16	CS-16 (0.5')	Total/NA	Solid	8270E	315886

Analysis Batch: 317141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70601-17	CS-17 (0.5')	Total/NA	Solid	8270E	315886

Analysis Batch: 317143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70601-3	CS-3 (0.5')	Total/NA	Solid	8270E	315846
880-70601-6	CS-6 (0.5')	Total/NA	Solid	8270E	315846
880-70601-8	CS-8 (0.5')	Total/NA	Solid	8270E	315846
880-70601-9	CS-9 (0.5')	Total/NA	Solid	8270E	315846
880-70601-19	CS-19 (0.5')	Total/NA	Solid	8270E	315846
880-70601-20	CS-20 (0.5')	Total/NA	Solid	8270E	315846
880-70601-23	CS-23 (0.5')	Total/NA	Solid	8270E	315846
880-70601-24	CS-24 (0.5')	Total/NA	Solid	8270E	315846
880-70601-27	CS-27 (0.5')	Total/NA	Solid	8270E	315846
MB 860-315846/1-A	Method Blank	Total/NA	Solid	8270E	315846
LCS 860-315846/2-A	Lab Control Sample	Total/NA	Solid	8270E	315846
LCSD 860-315846/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	315846

Analysis Batch: 317147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70601-2	CS-2 (0.5')	Total/NA	Solid	8270E	315846
880-70601-4	CS-4 (0.5')	Total/NA	Solid	8270E	315846
880-70601-12	CS-12 (0.5')	Total/NA	Solid	8270E	315846

Analysis Batch: 318698

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70601-21	CS-21 (0.5')	Total/NA	Solid	8270E	315845
880-70601-22	CS-22 (0.5')	Total/NA	Solid	8270E	315845
880-70601-26	CS-26 (0.5')	Total/NA	Solid	8270E	315845

QC Association Summary

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

GC Semi VOA

Analysis Batch: 312852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70601-1	CS-1 (0.5')	Soluble	Solid	8015D	312862
880-70601-2	CS-2 (0.5')	Soluble	Solid	8015D	312862
880-70601-3	CS-3 (0.5')	Soluble	Solid	8015D	312862
880-70601-4	CS-4 (0.5')	Soluble	Solid	8015D	312862
880-70601-5	CS-5 (0.5')	Soluble	Solid	8015D	312862
880-70601-6	CS-6 (0.5')	Soluble	Solid	8015D	312862
880-70601-7	CS-7 (0.5')	Soluble	Solid	8015D	312862
880-70601-8	CS-8 (0.5')	Soluble	Solid	8015D	312862
880-70601-9	CS-9 (0.5')	Soluble	Solid	8015D	312862
880-70601-10	CS-10 (0.5')	Soluble	Solid	8015D	312862
880-70601-11	CS-11 (0.5')	Soluble	Solid	8015D	312862
880-70601-12	CS-12 (0.5')	Soluble	Solid	8015D	312862
880-70601-13	CS-13 (0.5')	Soluble	Solid	8015D	312862
880-70601-14	CS-14 (0.5')	Soluble	Solid	8015D	312862
880-70601-15	CS-15 (0.5')	Soluble	Solid	8015D	312862
880-70601-16	CS-16 (0.5')	Soluble	Solid	8015D	312862
880-70601-17	CS-17 (0.5')	Soluble	Solid	8015D	312862
880-70601-18	CS-18 (0.5')	Soluble	Solid	8015D	312862
880-70601-19	CS-19 (0.5')	Soluble	Solid	8015D	312862
880-70601-20	CS-20 (0.5')	Soluble	Solid	8015D	312862
MB 860-312862/1-A	Method Blank	Soluble	Solid	8015D	312862
LCS 860-312862/2-A	Lab Control Sample	Soluble	Solid	8015D	312862
LCSD 860-312862/3-A	Lab Control Sample Dup	Soluble	Solid	8015D	312862

Leach Batch: 312862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70601-1	CS-1 (0.5')	Soluble	Solid	DI Leach	
880-70601-2	CS-2 (0.5')	Soluble	Solid	DI Leach	
880-70601-3	CS-3 (0.5')	Soluble	Solid	DI Leach	
880-70601-4	CS-4 (0.5')	Soluble	Solid	DI Leach	
880-70601-5	CS-5 (0.5')	Soluble	Solid	DI Leach	
880-70601-6	CS-6 (0.5')	Soluble	Solid	DI Leach	
880-70601-7	CS-7 (0.5')	Soluble	Solid	DI Leach	
880-70601-8	CS-8 (0.5')	Soluble	Solid	DI Leach	
880-70601-9	CS-9 (0.5')	Soluble	Solid	DI Leach	
880-70601-10	CS-10 (0.5')	Soluble	Solid	DI Leach	
880-70601-11	CS-11 (0.5')	Soluble	Solid	DI Leach	
880-70601-12	CS-12 (0.5')	Soluble	Solid	DI Leach	
880-70601-13	CS-13 (0.5')	Soluble	Solid	DI Leach	
880-70601-14	CS-14 (0.5')	Soluble	Solid	DI Leach	
880-70601-15	CS-15 (0.5')	Soluble	Solid	DI Leach	
880-70601-16	CS-16 (0.5')	Soluble	Solid	DI Leach	
880-70601-17	CS-17 (0.5')	Soluble	Solid	DI Leach	
880-70601-18	CS-18 (0.5')	Soluble	Solid	DI Leach	
880-70601-19	CS-19 (0.5')	Soluble	Solid	DI Leach	
880-70601-20	CS-20 (0.5')	Soluble	Solid	DI Leach	
MB 860-312862/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 860-312862/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 860-312862/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

GC Semi VOA

Analysis Batch: 313214

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70601-21	CS-21 (0.5')	Soluble	Solid	8015D	313270
880-70601-22	CS-22 (0.5')	Soluble	Solid	8015D	313270
880-70601-23	CS-23 (0.5')	Soluble	Solid	8015D	313270
880-70601-24	CS-24 (0.5')	Soluble	Solid	8015D	313270
880-70601-25	CS-25 (0.5')	Soluble	Solid	8015D	313270
880-70601-26	CS-26 (0.5')	Soluble	Solid	8015D	313270
880-70601-27	CS-27 (0.5')	Soluble	Solid	8015D	313270
MB 860-313270/1-A	Method Blank	Soluble	Solid	8015D	313270
LCS 860-313270/4-A	Lab Control Sample	Soluble	Solid	8015D	313270
LCSD 860-313270/5-A	Lab Control Sample Dup	Soluble	Solid	8015D	313270

Leach Batch: 313270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70601-21	CS-21 (0.5')	Soluble	Solid	DI Leach	
880-70601-22	CS-22 (0.5')	Soluble	Solid	DI Leach	
880-70601-23	CS-23 (0.5')	Soluble	Solid	DI Leach	
880-70601-24	CS-24 (0.5')	Soluble	Solid	DI Leach	
880-70601-25	CS-25 (0.5')	Soluble	Solid	DI Leach	
880-70601-26	CS-26 (0.5')	Soluble	Solid	DI Leach	
880-70601-27	CS-27 (0.5')	Soluble	Solid	DI Leach	
MB 860-313270/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 860-313270/4-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 860-313270/5-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

HPLC/IC

Prep Batch: 746675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70601-1	CS-1 (0.5')	Total/NA	Solid	8330B	
880-70601-2	CS-2 (0.5')	Total/NA	Solid	8330B	
880-70601-3	CS-3 (0.5')	Total/NA	Solid	8330B	
880-70601-4	CS-4 (0.5')	Total/NA	Solid	8330B	
880-70601-5	CS-5 (0.5')	Total/NA	Solid	8330B	
880-70601-6	CS-6 (0.5')	Total/NA	Solid	8330B	
880-70601-7	CS-7 (0.5')	Total/NA	Solid	8330B	
880-70601-8	CS-8 (0.5')	Total/NA	Solid	8330B	
880-70601-9	CS-9 (0.5')	Total/NA	Solid	8330B	
880-70601-10	CS-10 (0.5')	Total/NA	Solid	8330B	
880-70601-11	CS-11 (0.5')	Total/NA	Solid	8330B	
880-70601-12	CS-12 (0.5')	Total/NA	Solid	8330B	
880-70601-13	CS-13 (0.5')	Total/NA	Solid	8330B	
880-70601-14	CS-14 (0.5')	Total/NA	Solid	8330B	
880-70601-15	CS-15 (0.5')	Total/NA	Solid	8330B	
880-70601-16	CS-16 (0.5')	Total/NA	Solid	8330B	
880-70601-17	CS-17 (0.5')	Total/NA	Solid	8330B	
880-70601-18	CS-18 (0.5')	Total/NA	Solid	8330B	
880-70601-19	CS-19 (0.5')	Total/NA	Solid	8330B	
880-70601-20	CS-20 (0.5')	Total/NA	Solid	8330B	
MB 280-746675/1-A	Method Blank	Total/NA	Solid	8330B	
LCS 280-746675/2-A	Lab Control Sample	Total/NA	Solid	8330B	
880-70601-18 MS	CS-18 (0.5')	Total/NA	Solid	8330B	

QC Association Summary

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

HPLC/IC (Continued)

Prep Batch: 746675 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70601-18 MSD	CS-18 (0.5')	Total/NA	Solid	8330B	

Prep Batch: 746678

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70601-21	CS-21 (0.5')	Total/NA	Solid	8330B	
880-70601-22	CS-22 (0.5')	Total/NA	Solid	8330B	
880-70601-23	CS-23 (0.5')	Total/NA	Solid	8330B	
880-70601-24	CS-24 (0.5')	Total/NA	Solid	8330B	
880-70601-25	CS-25 (0.5')	Total/NA	Solid	8330B	
880-70601-26	CS-26 (0.5')	Total/NA	Solid	8330B	
880-70601-27	CS-27 (0.5')	Total/NA	Solid	8330B	
MB 280-746678/1-A	Method Blank	Total/NA	Solid	8330B	
LCS 280-746678/2-A	Lab Control Sample	Total/NA	Solid	8330B	
280-225963-B-10-B MS	Matrix Spike	Total/NA	Solid	8330B	
280-225963-B-10-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8330B	

Analysis Batch: 746802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70601-21	CS-21 (0.5')	Total/NA	Solid	8330B	746678
880-70601-22	CS-22 (0.5')	Total/NA	Solid	8330B	746678
880-70601-23	CS-23 (0.5')	Total/NA	Solid	8330B	746678
880-70601-24	CS-24 (0.5')	Total/NA	Solid	8330B	746678
880-70601-25	CS-25 (0.5')	Total/NA	Solid	8330B	746678
880-70601-26	CS-26 (0.5')	Total/NA	Solid	8330B	746678
880-70601-27	CS-27 (0.5')	Total/NA	Solid	8330B	746678
MB 280-746678/1-A	Method Blank	Total/NA	Solid	8330B	746678
LCS 280-746678/2-A	Lab Control Sample	Total/NA	Solid	8330B	746678
280-225963-B-10-B MS	Matrix Spike	Total/NA	Solid	8330B	746678
280-225963-B-10-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8330B	746678

Analysis Batch: 747159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70601-1	CS-1 (0.5')	Total/NA	Solid	8330B	746675
880-70601-2	CS-2 (0.5')	Total/NA	Solid	8330B	746675
880-70601-3	CS-3 (0.5')	Total/NA	Solid	8330B	746675
880-70601-4	CS-4 (0.5')	Total/NA	Solid	8330B	746675
880-70601-5	CS-5 (0.5')	Total/NA	Solid	8330B	746675
880-70601-6	CS-6 (0.5')	Total/NA	Solid	8330B	746675
880-70601-7	CS-7 (0.5')	Total/NA	Solid	8330B	746675
880-70601-8	CS-8 (0.5')	Total/NA	Solid	8330B	746675
880-70601-9	CS-9 (0.5')	Total/NA	Solid	8330B	746675
880-70601-10	CS-10 (0.5')	Total/NA	Solid	8330B	746675
880-70601-11	CS-11 (0.5')	Total/NA	Solid	8330B	746675
880-70601-12	CS-12 (0.5')	Total/NA	Solid	8330B	746675
880-70601-13	CS-13 (0.5')	Total/NA	Solid	8330B	746675
880-70601-14	CS-14 (0.5')	Total/NA	Solid	8330B	746675
880-70601-15	CS-15 (0.5')	Total/NA	Solid	8330B	746675
880-70601-16	CS-16 (0.5')	Total/NA	Solid	8330B	746675
880-70601-17	CS-17 (0.5')	Total/NA	Solid	8330B	746675
880-70601-18	CS-18 (0.5')	Total/NA	Solid	8330B	746675
880-70601-19	CS-19 (0.5')	Total/NA	Solid	8330B	746675

QC Association Summary

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

HPLC/IC (Continued)

Analysis Batch: 747159 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70601-20	CS-20 (0.5')	Total/NA	Solid	8330B	746675
MB 280-746675/1-A	Method Blank	Total/NA	Solid	8330B	746675
LCS 280-746675/2-A	Lab Control Sample	Total/NA	Solid	8330B	746675
880-70601-18 MS	CS-18 (0.5')	Total/NA	Solid	8330B	746675
880-70601-18 MSD	CS-18 (0.5')	Total/NA	Solid	8330B	746675

LCMS

Prep Batch: 911363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70601-19	CS-19 (0.5')	Total/NA	Solid	1633A	
880-70601-19 - RA	CS-19 (0.5')	Total/NA	Solid	1633A	
880-70601-20	CS-20 (0.5')	Total/NA	Solid	1633A	
880-70601-20 - RA	CS-20 (0.5')	Total/NA	Solid	1633A	
880-70601-21	CS-21 (0.5')	Total/NA	Solid	1633A	
880-70601-21 - RA	CS-21 (0.5')	Total/NA	Solid	1633A	
880-70601-22	CS-22 (0.5')	Total/NA	Solid	1633A	
880-70601-22 - RA	CS-22 (0.5')	Total/NA	Solid	1633A	
880-70601-23	CS-23 (0.5')	Total/NA	Solid	1633A	
880-70601-23 - RA	CS-23 (0.5')	Total/NA	Solid	1633A	
880-70601-24	CS-24 (0.5')	Total/NA	Solid	1633A	
880-70601-24 - RA	CS-24 (0.5')	Total/NA	Solid	1633A	
880-70601-25	CS-25 (0.5')	Total/NA	Solid	1633A	
880-70601-25 - RA	CS-25 (0.5')	Total/NA	Solid	1633A	
880-70601-26	CS-26 (0.5')	Total/NA	Solid	1633A	
880-70601-26 - RA	CS-26 (0.5')	Total/NA	Solid	1633A	
880-70601-27	CS-27 (0.5')	Total/NA	Solid	1633A	
880-70601-27 - RA	CS-27 (0.5')	Total/NA	Solid	1633A	
MB 320-911363/1-A - RA	Method Blank	Total/NA	Solid	1633A	
MB 320-911363/1-A	Method Blank	Total/NA	Solid	1633A	
LCS 320-911363/3-A - RA	Lab Control Sample	Total/NA	Solid	1633A	
LCS 320-911363/3-A	Lab Control Sample	Total/NA	Solid	1633A	
LCSD 320-911363/4-A - RA	Lab Control Sample Dup	Total/NA	Solid	1633A	
LCSD 320-911363/4-A	Lab Control Sample Dup	Total/NA	Solid	1633A	
LLCS 320-911363/2-A - RA	Lab Control Sample	Total/NA	Solid	1633A	
LLCS 320-911363/2-A	Lab Control Sample	Total/NA	Solid	1633A	

Prep Batch: 911465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70601-1 - RA	CS-1 (0.5')	Total/NA	Solid	1633A	
880-70601-1	CS-1 (0.5')	Total/NA	Solid	1633A	
880-70601-2 - RA	CS-2 (0.5')	Total/NA	Solid	1633A	
880-70601-2	CS-2 (0.5')	Total/NA	Solid	1633A	
880-70601-3 - RA	CS-3 (0.5')	Total/NA	Solid	1633A	
880-70601-3	CS-3 (0.5')	Total/NA	Solid	1633A	
880-70601-4 - RA	CS-4 (0.5')	Total/NA	Solid	1633A	
880-70601-4	CS-4 (0.5')	Total/NA	Solid	1633A	
880-70601-5 - RA	CS-5 (0.5')	Total/NA	Solid	1633A	
880-70601-5	CS-5 (0.5')	Total/NA	Solid	1633A	
880-70601-6 - RA	CS-6 (0.5')	Total/NA	Solid	1633A	
880-70601-6	CS-6 (0.5')	Total/NA	Solid	1633A	

QC Association Summary

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

LCMS (Continued)

Prep Batch: 911465 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70601-7 - RA	CS-7 (0.5')	Total/NA	Solid	1633A	
880-70601-7	CS-7 (0.5')	Total/NA	Solid	1633A	
880-70601-8 - RA	CS-8 (0.5')	Total/NA	Solid	1633A	
880-70601-8	CS-8 (0.5')	Total/NA	Solid	1633A	
880-70601-9 - RA	CS-9 (0.5')	Total/NA	Solid	1633A	
880-70601-9	CS-9 (0.5')	Total/NA	Solid	1633A	
880-70601-10 - RA	CS-10 (0.5')	Total/NA	Solid	1633A	
880-70601-10	CS-10 (0.5')	Total/NA	Solid	1633A	
880-70601-11 - RA	CS-11 (0.5')	Total/NA	Solid	1633A	
880-70601-11	CS-11 (0.5')	Total/NA	Solid	1633A	
880-70601-12 - RA	CS-12 (0.5')	Total/NA	Solid	1633A	
880-70601-12	CS-12 (0.5')	Total/NA	Solid	1633A	
880-70601-13 - RA	CS-13 (0.5')	Total/NA	Solid	1633A	
880-70601-13	CS-13 (0.5')	Total/NA	Solid	1633A	
880-70601-14 - RA	CS-14 (0.5')	Total/NA	Solid	1633A	
880-70601-14	CS-14 (0.5')	Total/NA	Solid	1633A	
880-70601-15 - RA	CS-15 (0.5')	Total/NA	Solid	1633A	
880-70601-15	CS-15 (0.5')	Total/NA	Solid	1633A	
880-70601-16 - RA	CS-16 (0.5')	Total/NA	Solid	1633A	
880-70601-16	CS-16 (0.5')	Total/NA	Solid	1633A	
880-70601-17 - RA	CS-17 (0.5')	Total/NA	Solid	1633A	
880-70601-17	CS-17 (0.5')	Total/NA	Solid	1633A	
880-70601-18 - RA	CS-18 (0.5')	Total/NA	Solid	1633A	
880-70601-18	CS-18 (0.5')	Total/NA	Solid	1633A	
MB 320-911465/1-A - RA	Method Blank	Total/NA	Solid	1633A	
MB 320-911465/1-A	Method Blank	Total/NA	Solid	1633A	
LCS 320-911465/3-A - RA	Lab Control Sample	Total/NA	Solid	1633A	
LCS 320-911465/3-A	Lab Control Sample	Total/NA	Solid	1633A	
LCSD 320-911465/4-A - RA	Lab Control Sample Dup	Total/NA	Solid	1633A	
LCSD 320-911465/4-A	Lab Control Sample Dup	Total/NA	Solid	1633A	
LLCS 320-911465/2-A - RA	Lab Control Sample	Total/NA	Solid	1633A	
LLCS 320-911465/2-A	Lab Control Sample	Total/NA	Solid	1633A	

Analysis Batch: 911543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 320-911363/1-A	Method Blank	Total/NA	Solid	1633A	911363
LCS 320-911363/3-A	Lab Control Sample	Total/NA	Solid	1633A	911363
LCSD 320-911363/4-A	Lab Control Sample Dup	Total/NA	Solid	1633A	911363
LLCS 320-911363/2-A	Lab Control Sample	Total/NA	Solid	1633A	911363

Analysis Batch: 911666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70601-1	CS-1 (0.5')	Total/NA	Solid	1633A	911465
880-70601-2	CS-2 (0.5')	Total/NA	Solid	1633A	911465
880-70601-3	CS-3 (0.5')	Total/NA	Solid	1633A	911465
880-70601-4	CS-4 (0.5')	Total/NA	Solid	1633A	911465
880-70601-5	CS-5 (0.5')	Total/NA	Solid	1633A	911465
880-70601-6	CS-6 (0.5')	Total/NA	Solid	1633A	911465
MB 320-911465/1-A	Method Blank	Total/NA	Solid	1633A	911465
LCS 320-911465/3-A	Lab Control Sample	Total/NA	Solid	1633A	911465
LCSD 320-911465/4-A	Lab Control Sample Dup	Total/NA	Solid	1633A	911465

QC Association Summary

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

LCMS (Continued)

Analysis Batch: 911666 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LLCS 320-911465/2-A	Lab Control Sample	Total/NA	Solid	1633A	911465

Analysis Batch: 911779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70601-19	CS-19 (0.5')	Total/NA	Solid	1633A	911363
880-70601-20	CS-20 (0.5')	Total/NA	Solid	1633A	911363
880-70601-21	CS-21 (0.5')	Total/NA	Solid	1633A	911363
880-70601-22	CS-22 (0.5')	Total/NA	Solid	1633A	911363
880-70601-23	CS-23 (0.5')	Total/NA	Solid	1633A	911363
880-70601-24	CS-24 (0.5')	Total/NA	Solid	1633A	911363
880-70601-25	CS-25 (0.5')	Total/NA	Solid	1633A	911363
880-70601-26	CS-26 (0.5')	Total/NA	Solid	1633A	911363
880-70601-27	CS-27 (0.5')	Total/NA	Solid	1633A	911363

Analysis Batch: 911913

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70601-7	CS-7 (0.5')	Total/NA	Solid	1633A	911465
880-70601-8	CS-8 (0.5')	Total/NA	Solid	1633A	911465
880-70601-9	CS-9 (0.5')	Total/NA	Solid	1633A	911465
880-70601-10	CS-10 (0.5')	Total/NA	Solid	1633A	911465
880-70601-11	CS-11 (0.5')	Total/NA	Solid	1633A	911465
880-70601-12	CS-12 (0.5')	Total/NA	Solid	1633A	911465
880-70601-13	CS-13 (0.5')	Total/NA	Solid	1633A	911465
880-70601-14	CS-14 (0.5')	Total/NA	Solid	1633A	911465
880-70601-15	CS-15 (0.5')	Total/NA	Solid	1633A	911465
880-70601-16	CS-16 (0.5')	Total/NA	Solid	1633A	911465
880-70601-17	CS-17 (0.5')	Total/NA	Solid	1633A	911465
880-70601-18	CS-18 (0.5')	Total/NA	Solid	1633A	911465

Analysis Batch: 919047

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 320-911363/1-A - RA	Method Blank	Total/NA	Solid	1633A	911363
LCS 320-911363/3-A - RA	Lab Control Sample	Total/NA	Solid	1633A	911363
LCSD 320-911363/4-A - RA	Lab Control Sample Dup	Total/NA	Solid	1633A	911363
LLCS 320-911363/2-A - RA	Lab Control Sample	Total/NA	Solid	1633A	911363

Analysis Batch: 919049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70601-1 - RA	CS-1 (0.5')	Total/NA	Solid	1633A	911465
880-70601-2 - RA	CS-2 (0.5')	Total/NA	Solid	1633A	911465
880-70601-3 - RA	CS-3 (0.5')	Total/NA	Solid	1633A	911465
880-70601-4 - RA	CS-4 (0.5')	Total/NA	Solid	1633A	911465
880-70601-5 - RA	CS-5 (0.5')	Total/NA	Solid	1633A	911465
880-70601-6 - RA	CS-6 (0.5')	Total/NA	Solid	1633A	911465
MB 320-911465/1-A - RA	Method Blank	Total/NA	Solid	1633A	911465
LCS 320-911465/3-A - RA	Lab Control Sample	Total/NA	Solid	1633A	911465
LCSD 320-911465/4-A - RA	Lab Control Sample Dup	Total/NA	Solid	1633A	911465
LLCS 320-911465/2-A - RA	Lab Control Sample	Total/NA	Solid	1633A	911465

QC Association Summary

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

LCMS

Analysis Batch: 919051

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70601-7 - RA	CS-7 (0.5')	Total/NA	Solid	1633A	911465
880-70601-8 - RA	CS-8 (0.5')	Total/NA	Solid	1633A	911465
880-70601-9 - RA	CS-9 (0.5')	Total/NA	Solid	1633A	911465
880-70601-10 - RA	CS-10 (0.5')	Total/NA	Solid	1633A	911465
880-70601-11 - RA	CS-11 (0.5')	Total/NA	Solid	1633A	911465
880-70601-12 - RA	CS-12 (0.5')	Total/NA	Solid	1633A	911465
880-70601-13 - RA	CS-13 (0.5')	Total/NA	Solid	1633A	911465
880-70601-14 - RA	CS-14 (0.5')	Total/NA	Solid	1633A	911465
880-70601-15 - RA	CS-15 (0.5')	Total/NA	Solid	1633A	911465
880-70601-16 - RA	CS-16 (0.5')	Total/NA	Solid	1633A	911465
880-70601-17 - RA	CS-17 (0.5')	Total/NA	Solid	1633A	911465
880-70601-18 - RA	CS-18 (0.5')	Total/NA	Solid	1633A	911465

Analysis Batch: 919125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70601-19 - RA	CS-19 (0.5')	Total/NA	Solid	1633A	911363
880-70601-20 - RA	CS-20 (0.5')	Total/NA	Solid	1633A	911363
880-70601-21 - RA	CS-21 (0.5')	Total/NA	Solid	1633A	911363
880-70601-22 - RA	CS-22 (0.5')	Total/NA	Solid	1633A	911363
880-70601-23 - RA	CS-23 (0.5')	Total/NA	Solid	1633A	911363
880-70601-24 - RA	CS-24 (0.5')	Total/NA	Solid	1633A	911363
880-70601-25 - RA	CS-25 (0.5')	Total/NA	Solid	1633A	911363
880-70601-26 - RA	CS-26 (0.5')	Total/NA	Solid	1633A	911363
880-70601-27 - RA	CS-27 (0.5')	Total/NA	Solid	1633A	911363

General Chemistry

Leach Batch: 316999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70601-1	CS-1 (0.5')	Soluble	Solid	DI Leach	
880-70601-2	CS-2 (0.5')	Soluble	Solid	DI Leach	
880-70601-3	CS-3 (0.5')	Soluble	Solid	DI Leach	
880-70601-4	CS-4 (0.5')	Soluble	Solid	DI Leach	
880-70601-5	CS-5 (0.5')	Soluble	Solid	DI Leach	
880-70601-6	CS-6 (0.5')	Soluble	Solid	DI Leach	
880-70601-7	CS-7 (0.5')	Soluble	Solid	DI Leach	
880-70601-8	CS-8 (0.5')	Soluble	Solid	DI Leach	
880-70601-9	CS-9 (0.5')	Soluble	Solid	DI Leach	
880-70601-10	CS-10 (0.5')	Soluble	Solid	DI Leach	
880-70601-11	CS-11 (0.5')	Soluble	Solid	DI Leach	
880-70601-12	CS-12 (0.5')	Soluble	Solid	DI Leach	
880-70601-13	CS-13 (0.5')	Soluble	Solid	DI Leach	
880-70601-14	CS-14 (0.5')	Soluble	Solid	DI Leach	
880-70601-15	CS-15 (0.5')	Soluble	Solid	DI Leach	
880-70601-16	CS-16 (0.5')	Soluble	Solid	DI Leach	
880-70601-17	CS-17 (0.5')	Soluble	Solid	DI Leach	
880-70601-18	CS-18 (0.5')	Soluble	Solid	DI Leach	
880-70601-19	CS-19 (0.5')	Soluble	Solid	DI Leach	
880-70601-20	CS-20 (0.5')	Soluble	Solid	DI Leach	
880-70601-21	CS-21 (0.5')	Soluble	Solid	DI Leach	
880-70601-22	CS-22 (0.5')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

General Chemistry (Continued)

Leach Batch: 316999 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70601-23	CS-23 (0.5')	Soluble	Solid	DI Leach	
880-70601-24	CS-24 (0.5')	Soluble	Solid	DI Leach	
880-70601-25	CS-25 (0.5')	Soluble	Solid	DI Leach	
880-70601-26	CS-26 (0.5')	Soluble	Solid	DI Leach	
880-70601-27	CS-27 (0.5')	Soluble	Solid	DI Leach	
MB 860-316999/1-A	Method Blank	Soluble	Solid	DI Leach	
MB 860-316999/62-A	Method Blank	Soluble	Solid	DI Leach	
LCS 860-316999/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCS 860-316999/63-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 860-316999/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
LCSD 860-316999/64-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-70601-15 MS	CS-15 (0.5')	Soluble	Solid	DI Leach	
880-70601-15 MSD	CS-15 (0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 317009

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70601-1	CS-1 (0.5')	Soluble	Solid	9066	316999
880-70601-2	CS-2 (0.5')	Soluble	Solid	9066	316999
880-70601-3	CS-3 (0.5')	Soluble	Solid	9066	316999
880-70601-4	CS-4 (0.5')	Soluble	Solid	9066	316999
880-70601-5	CS-5 (0.5')	Soluble	Solid	9066	316999
880-70601-6	CS-6 (0.5')	Soluble	Solid	9066	316999
880-70601-7	CS-7 (0.5')	Soluble	Solid	9066	316999
880-70601-8	CS-8 (0.5')	Soluble	Solid	9066	316999
880-70601-9	CS-9 (0.5')	Soluble	Solid	9066	316999
880-70601-10	CS-10 (0.5')	Soluble	Solid	9066	316999
880-70601-11	CS-11 (0.5')	Soluble	Solid	9066	316999
880-70601-12	CS-12 (0.5')	Soluble	Solid	9066	316999
880-70601-13	CS-13 (0.5')	Soluble	Solid	9066	316999
880-70601-14	CS-14 (0.5')	Soluble	Solid	9066	316999
880-70601-15	CS-15 (0.5')	Soluble	Solid	9066	316999
880-70601-16	CS-16 (0.5')	Soluble	Solid	9066	316999
880-70601-17	CS-17 (0.5')	Soluble	Solid	9066	316999
880-70601-18	CS-18 (0.5')	Soluble	Solid	9066	316999
880-70601-19	CS-19 (0.5')	Soluble	Solid	9066	316999
880-70601-20	CS-20 (0.5')	Soluble	Solid	9066	316999
880-70601-21	CS-21 (0.5')	Soluble	Solid	9066	316999
880-70601-22	CS-22 (0.5')	Soluble	Solid	9066	316999
880-70601-23	CS-23 (0.5')	Soluble	Solid	9066	316999
880-70601-24	CS-24 (0.5')	Soluble	Solid	9066	316999
880-70601-25	CS-25 (0.5')	Soluble	Solid	9066	316999
880-70601-26	CS-26 (0.5')	Soluble	Solid	9066	316999
880-70601-27	CS-27 (0.5')	Soluble	Solid	9066	316999
MB 860-316999/1-A	Method Blank	Soluble	Solid	9066	316999
MB 860-316999/62-A	Method Blank	Soluble	Solid	9066	316999
LCS 860-316999/2-A	Lab Control Sample	Soluble	Solid	9066	316999
LCS 860-316999/63-A	Lab Control Sample	Soluble	Solid	9066	316999
LCSD 860-316999/3-A	Lab Control Sample Dup	Soluble	Solid	9066	316999
LCSD 860-316999/64-A	Lab Control Sample Dup	Soluble	Solid	9066	316999
880-70601-15 MS	CS-15 (0.5')	Soluble	Solid	9066	316999
880-70601-15 MSD	CS-15 (0.5')	Soluble	Solid	9066	316999

QC Association Summary

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

General Chemistry

Analysis Batch: 910933

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70601-1	CS-1 (0.5')	Total/NA	Solid	1633	
880-70601-2	CS-2 (0.5')	Total/NA	Solid	1633	
880-70601-3	CS-3 (0.5')	Total/NA	Solid	1633	
880-70601-4	CS-4 (0.5')	Total/NA	Solid	1633	
880-70601-5	CS-5 (0.5')	Total/NA	Solid	1633	
880-70601-6	CS-6 (0.5')	Total/NA	Solid	1633	
880-70601-7	CS-7 (0.5')	Total/NA	Solid	1633	
880-70601-8	CS-8 (0.5')	Total/NA	Solid	1633	
880-70601-9	CS-9 (0.5')	Total/NA	Solid	1633	
880-70601-10	CS-10 (0.5')	Total/NA	Solid	1633	
880-70601-11	CS-11 (0.5')	Total/NA	Solid	1633	
880-70601-12	CS-12 (0.5')	Total/NA	Solid	1633	
880-70601-13	CS-13 (0.5')	Total/NA	Solid	1633	
880-70601-14	CS-14 (0.5')	Total/NA	Solid	1633	
880-70601-15	CS-15 (0.5')	Total/NA	Solid	1633	
880-70601-16	CS-16 (0.5')	Total/NA	Solid	1633	
880-70601-17	CS-17 (0.5')	Total/NA	Solid	1633	
880-70601-18	CS-18 (0.5')	Total/NA	Solid	1633	
880-70601-19	CS-19 (0.5')	Total/NA	Solid	1633	
880-70601-1 DU	CS-1 (0.5')	Total/NA	Solid	1633	

Analysis Batch: 910957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70601-20	CS-20 (0.5')	Total/NA	Solid	1633	
880-70601-21	CS-21 (0.5')	Total/NA	Solid	1633	
880-70601-22	CS-22 (0.5')	Total/NA	Solid	1633	
880-70601-23	CS-23 (0.5')	Total/NA	Solid	1633	
880-70601-24	CS-24 (0.5')	Total/NA	Solid	1633	
880-70601-25	CS-25 (0.5')	Total/NA	Solid	1633	
880-70601-26	CS-26 (0.5')	Total/NA	Solid	1633	
880-70601-27	CS-27 (0.5')	Total/NA	Solid	1633	
880-70601-20 DU	CS-20 (0.5')	Total/NA	Solid	1633	

Lab Chronicle

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-1 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.39 g	5 mL	315886	04/22/26 09:22	TH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	317089	04/25/26 19:31	HN	EET HOU
Soluble	Leach	DI Leach			10 g	10 mL	312862	04/10/26 13:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	312852	04/10/26 20:50	SP	EET HOU
Total/NA	Prep	8330B			10.26 g	40 mL	746675	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	747159	05/12/26 16:21	JZ	EET DEN
Total/NA	Analysis	1633		1			910933	04/09/26 10:26	JCB	EET SAC
Soluble	Leach	DI Leach			5.19 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 20:17	AK	EET HOU

Client Sample ID: CS-1 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-1
Matrix: Solid
Percent Solids: 93.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A	RA		2.11 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A	RA	1			919049	04/14/26 11:27	SEY	EET SAC
Total/NA	Prep	1633A			2.11 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A		1			911666	04/14/26 11:27	JRB	EET SAC

Client Sample ID: CS-2 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.43 g	5 mL	315846	04/22/26 05:49	TH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	317147	04/26/26 10:36	EM	EET HOU
Soluble	Leach	DI Leach			10.1 g	10 mL	312862	04/10/26 13:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	312852	04/10/26 21:08	SP	EET HOU
Total/NA	Prep	8330B			10.31 g	40 mL	746675	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	747159	05/12/26 16:43	JZ	EET DEN
Total/NA	Analysis	1633		1			910933	04/09/26 10:26	JCB	EET SAC
Soluble	Leach	DI Leach			5.29 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 20:32	AK	EET HOU

Client Sample ID: CS-2 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-2
Matrix: Solid
Percent Solids: 94.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A	RA		2.18 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A	RA	1			919049	04/14/26 11:44	SEY	EET SAC
Total/NA	Prep	1633A			2.18 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A		1			911666	04/14/26 11:44	JRB	EET SAC

Lab Chronicle

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-3 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.6 g	5 mL	315846	04/22/26 05:49	TH	EET HOU
Total/NA	Analysis	8270E		1	1 MJ/Kg	1 MJ/Kg	317143	04/26/26 11:49	EM	EET HOU
Soluble	Leach	DI Leach			10.1 g	10 mL	312862	04/10/26 13:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	312852	04/10/26 21:25	SP	EET HOU
Total/NA	Prep	8330B			10.11 g	40 mL	746675	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	747159	05/12/26 17:05	JZ	EET DEN
Total/NA	Analysis	1633		1			910933	04/09/26 10:26	JCB	EET SAC
Soluble	Leach	DI Leach			5.09 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 20:35	AK	EET HOU

Client Sample ID: CS-3 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-3
Matrix: Solid
Percent Solids: 94.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A	RA		2.10 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A	RA	1			919049	04/14/26 12:01	SEY	EET SAC
Total/NA	Prep	1633A			2.10 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A		1			911666	04/14/26 12:01	JRB	EET SAC

Client Sample ID: CS-4 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.2 g	5 mL	315846	04/22/26 05:49	TH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	317147	04/26/26 11:04	EM	EET HOU
Soluble	Leach	DI Leach			10 g	10 mL	312862	04/10/26 13:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	312852	04/10/26 21:42	SP	EET HOU
Total/NA	Prep	8330B			10.64 g	40 mL	746675	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	747159	05/12/26 17:27	JZ	EET DEN
Total/NA	Analysis	1633		1			910933	04/09/26 10:26	JCB	EET SAC
Soluble	Leach	DI Leach			5.4 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 20:38	AK	EET HOU

Client Sample ID: CS-4 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-4
Matrix: Solid
Percent Solids: 94.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A	RA		2.10 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A	RA	1			919049	04/14/26 12:17	SEY	EET SAC
Total/NA	Prep	1633A			2.10 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A		1			911666	04/14/26 12:17	JRB	EET SAC

Lab Chronicle

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-5 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.97 g	5 mL	315886	04/22/26 09:22	TH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	317089	04/25/26 19:59	HN	EET HOU
Soluble	Leach	DI Leach			10.2 g	10 mL	312862	04/10/26 13:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	312852	04/10/26 22:00	SP	EET HOU
Total/NA	Prep	8330B			10.86 g	40 mL	746675	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	747159	05/12/26 17:48	JZ	EET DEN
Total/NA	Analysis	1633		1			910933	04/09/26 10:26	JCB	EET SAC
Soluble	Leach	DI Leach			5.31 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 20:41	AK	EET HOU

Client Sample ID: CS-5 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-5
Matrix: Solid
Percent Solids: 94.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A	RA		2.14 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A	RA	1			919049	04/14/26 12:34	SEY	EET SAC
Total/NA	Prep	1633A			2.14 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A		1			911666	04/14/26 12:34	JRB	EET SAC

Client Sample ID: CS-6 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.32 g	5 mL	315846	04/22/26 05:49	TH	EET HOU
Total/NA	Analysis	8270E		1	1 MJ/Kg	1 MJ/Kg	317143	04/26/26 10:21	EM	EET HOU
Soluble	Leach	DI Leach			10.02 g	10 mL	312862	04/10/26 13:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	312852	04/10/26 22:17	SP	EET HOU
Total/NA	Prep	8330B			10.63 g	40 mL	746675	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	747159	05/12/26 18:10	JZ	EET DEN
Total/NA	Analysis	1633		1			910933	04/09/26 10:26	JCB	EET SAC
Soluble	Leach	DI Leach			5.19 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 20:44	AK	EET HOU

Client Sample ID: CS-6 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-6
Matrix: Solid
Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A	RA		2.15 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A	RA	1			919049	04/14/26 12:51	SEY	EET SAC
Total/NA	Prep	1633A			2.15 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A		1			911666	04/14/26 12:51	JRB	EET SAC

Lab Chronicle

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-7 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.72 g	5 mL	315886	04/22/26 09:22	TH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	317089	04/25/26 20:27	HN	EET HOU
Soluble	Leach	DI Leach			10.2 g	10 mL	312862	04/10/26 13:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	312852	04/10/26 22:34	SP	EET HOU
Total/NA	Prep	8330B			10.04 g	40 mL	746675	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	747159	05/12/26 18:32	JZ	EET DEN
Total/NA	Analysis	1633		1			910933	04/09/26 10:26	JCB	EET SAC
Soluble	Leach	DI Leach			5.5 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 20:47	AK	EET HOU

Client Sample ID: CS-7 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-7
Matrix: Solid
Percent Solids: 96.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A	RA		2.19 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A	RA	1			919051	04/15/26 19:27	SEY	EET SAC
Total/NA	Prep	1633A			2.19 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A		1			911913	04/15/26 19:27	C1P	EET SAC

Client Sample ID: CS-8 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.31 g	5 mL	315846	04/22/26 05:49	TH	EET HOU
Total/NA	Analysis	8270E		1	1 MJ/Kg	1 MJ/Kg	317143	04/26/26 09:22	EM	EET HOU
Soluble	Leach	DI Leach			10 g	10 mL	312862	04/10/26 13:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	312852	04/10/26 22:52	SP	EET HOU
Total/NA	Prep	8330B			10.01 g	40 mL	746675	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	747159	05/12/26 18:54	JZ	EET DEN
Total/NA	Analysis	1633		1			910933	04/09/26 10:26	JCB	EET SAC
Soluble	Leach	DI Leach			5.13 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 20:50	AK	EET HOU

Client Sample ID: CS-8 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-8
Matrix: Solid
Percent Solids: 95.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A	RA		2.16 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A	RA	1			919051	04/15/26 19:44	SEY	EET SAC
Total/NA	Prep	1633A			2.16 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A		1			911913	04/15/26 19:44	C1P	EET SAC

Lab Chronicle

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-9 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.21 g	5 mL	315846	04/22/26 05:49	TH	EET HOU
Total/NA	Analysis	8270E		1	1 MJ/Kg	1 MJ/Kg	317143	04/26/26 09:52	EM	EET HOU
Soluble	Leach	DI Leach			10.40 g	10 mL	312862	04/10/26 13:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	312852	04/10/26 23:09	SP	EET HOU
Total/NA	Prep	8330B			10.09 g	40 mL	746675	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	747159	05/12/26 19:38	JZ	EET DEN
Total/NA	Analysis	1633		1			910933	04/09/26 10:26	JCB	EET SAC
Soluble	Leach	DI Leach			5.28 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 20:53	AK	EET HOU

Client Sample ID: CS-9 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-9
Matrix: Solid
Percent Solids: 95.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A	RA		2.18 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A	RA	1			919051	04/15/26 20:00	SEY	EET SAC
Total/NA	Prep	1633A			2.18 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A		1			911913	04/15/26 20:00	C1P	EET SAC

Client Sample ID: CS-10 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.64 g	5 mL	315886	04/22/26 09:22	TH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	317089	04/25/26 20:55	HN	EET HOU
Soluble	Leach	DI Leach			10 g	10 mL	312862	04/10/26 13:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	312852	04/10/26 23:27	SP	EET HOU
Total/NA	Prep	8330B			10.35 g	40 mL	746675	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	747159	05/12/26 20:00	JZ	EET DEN
Total/NA	Analysis	1633		1			910933	04/09/26 10:26	JCB	EET SAC
Soluble	Leach	DI Leach			5.31 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 20:56	AK	EET HOU

Client Sample ID: CS-10 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-10
Matrix: Solid
Percent Solids: 97.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A	RA		2.09 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A	RA	1			919051	04/15/26 20:17	SEY	EET SAC
Total/NA	Prep	1633A			2.09 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A		1			911913	04/15/26 20:17	C1P	EET SAC

Lab Chronicle

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-11 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.72 g	5 mL	315886	04/22/26 09:22	TH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	317089	04/25/26 21:23	HN	EET HOU
Soluble	Leach	DI Leach			10 g	10 mL	312862	04/10/26 13:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	312852	04/10/26 23:44	SP	EET HOU
Total/NA	Prep	8330B			10.51 g	40 mL	746675	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	747159	05/12/26 20:22	JZ	EET DEN
Total/NA	Analysis	1633		1			910933	04/09/26 10:26	JCB	EET SAC
Soluble	Leach	DI Leach			5.42 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 20:59	AK	EET HOU

Client Sample ID: CS-11 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-11
Matrix: Solid
Percent Solids: 96.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A	RA		2.17 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A	RA	1			919051	04/15/26 20:34	SEY	EET SAC
Total/NA	Prep	1633A			2.17 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A		1			911913	04/15/26 20:34	C1P	EET SAC

Client Sample ID: CS-12 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.07 g	5 mL	315846	04/22/26 05:49	TH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	317147	04/26/26 10:08	EM	EET HOU
Soluble	Leach	DI Leach			10.3 g	10 mL	312862	04/10/26 13:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	312852	04/11/26 00:02	SP	EET HOU
Total/NA	Prep	8330B			10.93 g	40 mL	746675	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	747159	05/12/26 20:44	JZ	EET DEN
Total/NA	Analysis	1633		1			910933	04/09/26 10:26	JCB	EET SAC
Soluble	Leach	DI Leach			5.38 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 21:20	AK	EET HOU

Client Sample ID: CS-12 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-12
Matrix: Solid
Percent Solids: 96.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A	RA		2.13 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A	RA	1			919051	04/15/26 20:50	SEY	EET SAC
Total/NA	Prep	1633A			2.13 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A		1			911913	04/15/26 20:50	C1P	EET SAC

Lab Chronicle

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-13 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.6 g	5 mL	315886	04/22/26 09:22	TH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	317089	04/25/26 21:51	HN	EET HOU
Soluble	Leach	DI Leach			10.09 g	10 mL	312862	04/10/26 13:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	312852	04/11/26 00:19	SP	EET HOU
Total/NA	Prep	8330B			10.76 g	40 mL	746675	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	747159	05/12/26 21:06	JZ	EET DEN
Total/NA	Analysis	1633		1			910933	04/09/26 10:26	JCB	EET SAC
Soluble	Leach	DI Leach			5.32 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 21:23	AK	EET HOU

Client Sample ID: CS-13 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-13
Matrix: Solid
Percent Solids: 97.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A	RA		2.10 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A	RA	1			919051	04/15/26 21:07	SEY	EET SAC
Total/NA	Prep	1633A			2.10 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A		1			911913	04/15/26 21:07	C1P	EET SAC

Client Sample ID: CS-14 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.56 g	5 mL	315886	04/22/26 09:22	TH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	317089	04/25/26 22:19	HN	EET HOU
Soluble	Leach	DI Leach			10.50 g	10 mL	312862	04/10/26 13:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	312852	04/11/26 00:37	SP	EET HOU
Total/NA	Prep	8330B			10.25 g	40 mL	746675	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	747159	05/12/26 21:28	JZ	EET DEN
Total/NA	Analysis	1633		1			910933	04/09/26 10:26	JCB	EET SAC
Soluble	Leach	DI Leach			5.5 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 21:26	AK	EET HOU

Client Sample ID: CS-14 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-14
Matrix: Solid
Percent Solids: 96.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A	RA		2.12 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A	RA	1			919051	04/15/26 21:24	SEY	EET SAC
Total/NA	Prep	1633A			2.12 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A		1			911913	04/15/26 21:24	C1P	EET SAC

Lab Chronicle

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-15 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.5 g	5 mL	315886	04/22/26 09:22	TH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	317089	04/25/26 22:48	HN	EET HOU
Soluble	Leach	DI Leach			10.43 g	10 mL	312862	04/10/26 13:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	312852	04/11/26 00:54	SP	EET HOU
Total/NA	Prep	8330B			10.55 g	40 mL	746675	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	747159	05/12/26 21:50	JZ	EET DEN
Total/NA	Analysis	1633		1			910933	04/09/26 10:26	JCB	EET SAC
Soluble	Leach	DI Leach			5.16 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 21:29	AK	EET HOU

Client Sample ID: CS-15 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-15
Matrix: Solid
Percent Solids: 97.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A	RA		2.15 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A	RA	1			919051	04/15/26 21:40	SEY	EET SAC
Total/NA	Prep	1633A			2.15 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A		1			911913	04/15/26 21:40	C1P	EET SAC

Client Sample ID: CS-16 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.25 g	5 mL	315886	04/22/26 09:22	TH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	317089	04/25/26 23:15	HN	EET HOU
Soluble	Leach	DI Leach			10.19 g	10 mL	312862	04/10/26 13:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	312852	04/11/26 01:12	SP	EET HOU
Total/NA	Prep	8330B			10.23 g	40 mL	746675	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	747159	05/12/26 22:12	JZ	EET DEN
Total/NA	Analysis	1633		1			910933	04/09/26 10:26	JCB	EET SAC
Soluble	Leach	DI Leach			5.36 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 21:32	AK	EET HOU

Client Sample ID: CS-16 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-16
Matrix: Solid
Percent Solids: 98.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A	RA		2.04 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A	RA	1			919051	04/15/26 22:47	SEY	EET SAC
Total/NA	Prep	1633A			2.04 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A		1			911913	04/15/26 22:47	C1P	EET SAC

Lab Chronicle

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-17 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.48 g	5 mL	315886	04/22/26 09:22	TH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	317141	04/26/26 03:23	HN	EET HOU
Soluble	Leach	DI Leach			10 g	10 mL	312862	04/10/26 13:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	312852	04/11/26 01:30	SP	EET HOU
Total/NA	Prep	8330B			10.33 g	40 mL	746675	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	747159	05/12/26 22:34	JZ	EET DEN
Total/NA	Analysis	1633		1			910933	04/09/26 10:26	JCB	EET SAC
Soluble	Leach	DI Leach			5.44 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 21:35	AK	EET HOU

Client Sample ID: CS-17 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-17
Matrix: Solid
Percent Solids: 96.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A	RA		2.10 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A	RA	1			919051	04/15/26 23:04	SEY	EET SAC
Total/NA	Prep	1633A			2.10 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A		1			911913	04/15/26 23:04	C1P	EET SAC

Client Sample ID: CS-18 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.36 g	5 mL	315886	04/22/26 09:22	TH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	317001	04/25/26 23:13	LPL	EET HOU
Soluble	Leach	DI Leach			10.22 g	10 mL	312862	04/10/26 13:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	312852	04/11/26 01:47	SP	EET HOU
Total/NA	Prep	8330B			10.48 g	40 mL	746675	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	747159	05/12/26 23:18	JZ	EET DEN
Total/NA	Analysis	1633		1			910933	04/09/26 10:26	JCB	EET SAC
Soluble	Leach	DI Leach			5.09 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 21:38	AK	EET HOU

Client Sample ID: CS-18 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-18
Matrix: Solid
Percent Solids: 95.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A	RA		2.10 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A	RA	1			919051	04/15/26 23:21	SEY	EET SAC
Total/NA	Prep	1633A			2.10 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A		1			911913	04/15/26 23:21	C1P	EET SAC

Lab Chronicle

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-19 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.22 g	5 mL	315846	04/22/26 05:49	TH	EET HOU
Total/NA	Analysis	8270E		1	1 MJ/Kg	1 MJ/Kg	317143	04/26/26 04:28	EM	EET HOU
Soluble	Leach	DI Leach			10.40 g	10 mL	312862	04/10/26 13:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	312852	04/11/26 02:04	SP	EET HOU
Total/NA	Prep	8330B			10.06 g	40 mL	746675	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	747159	05/13/26 00:23	JZ	EET DEN
Total/NA	Analysis	1633		1			910933	04/09/26 10:26	JCB	EET SAC
Soluble	Leach	DI Leach			5.09 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 21:41	AK	EET HOU

Client Sample ID: CS-19 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-19
Matrix: Solid
Percent Solids: 95.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A			2.14 g	5.0 mL	911363	04/12/26 20:14	JHH	EET SAC
Total/NA	Analysis	1633A		1			911779	04/14/26 14:34	JRB	EET SAC
Total/NA	Prep	1633A	RA		2.14 g	5.0 mL	911363	04/12/26 20:14	JHH	EET SAC
Total/NA	Analysis	1633A	RA	1			919125	04/14/26 14:34	SEY	EET SAC

Client Sample ID: CS-20 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.1 g	5 mL	315846	04/22/26 05:49	TH	EET HOU
Total/NA	Analysis	8270E		1	1 MJ/Kg	1 MJ/Kg	317143	04/26/26 05:27	EM	EET HOU
Soluble	Leach	DI Leach			10.18 g	10 mL	312862	04/10/26 13:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	312852	04/11/26 02:22	SP	EET HOU
Total/NA	Prep	8330B			10.27 g	40 mL	746675	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	747159	05/13/26 00:45	JZ	EET DEN
Total/NA	Analysis	1633		1			910957	04/09/26 10:52	JCB	EET SAC
Soluble	Leach	DI Leach			5.09 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 21:44	AK	EET HOU

Client Sample ID: CS-20 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-20
Matrix: Solid
Percent Solids: 95.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A			2.12 g	5.0 mL	911363	04/12/26 20:14	JHH	EET SAC
Total/NA	Analysis	1633A		1			911779	04/14/26 14:51	JRB	EET SAC
Total/NA	Prep	1633A	RA		2.12 g	5.0 mL	911363	04/12/26 20:14	JHH	EET SAC
Total/NA	Analysis	1633A	RA	1			919125	04/14/26 14:51	SEY	EET SAC

Lab Chronicle

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-21 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.8 g	5 mL	315845	04/22/26 05:16	TH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	318698	05/01/26 01:26	LPL	EET HOU
Soluble	Leach	DI Leach			10.38 g	10 mL	313270	04/13/26 14:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	313214	04/13/26 19:54	SP	EET HOU
Total/NA	Prep	8330B			10.26 g	40 mL	746678	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	746802	05/10/26 00:30	JZ	EET DEN
Total/NA	Analysis	1633		1			910957	04/09/26 10:52	JCB	EET SAC
Soluble	Leach	DI Leach			5.32 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 21:59	AK	EET HOU

Client Sample ID: CS-21 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-21
Matrix: Solid
Percent Solids: 96.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A			2.15 g	5.0 mL	911363	04/12/26 20:14	JHH	EET SAC
Total/NA	Analysis	1633A		1			911779	04/14/26 15:07	JRB	EET SAC
Total/NA	Prep	1633A	RA		2.15 g	5.0 mL	911363	04/12/26 20:14	JHH	EET SAC
Total/NA	Analysis	1633A	RA	1			919125	04/14/26 15:07	SEY	EET SAC

Client Sample ID: CS-22 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.59 g	5 mL	315845	04/22/26 05:16	TH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	318698	05/01/26 01:56	LPL	EET HOU
Soluble	Leach	DI Leach			10.23 g	10 mL	313270	04/13/26 14:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	313214	04/13/26 20:11	SP	EET HOU
Total/NA	Prep	8330B			10.84 g	40 mL	746678	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	746802	05/10/26 00:52	JZ	EET DEN
Total/NA	Analysis	1633		1			910957	04/09/26 10:52	JCB	EET SAC
Soluble	Leach	DI Leach			5.18 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 22:03	AK	EET HOU

Client Sample ID: CS-22 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-22
Matrix: Solid
Percent Solids: 96.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A			2.11 g	5.0 mL	911363	04/12/26 20:14	JHH	EET SAC
Total/NA	Analysis	1633A		1			911779	04/14/26 15:24	JRB	EET SAC
Total/NA	Prep	1633A	RA		2.11 g	5.0 mL	911363	04/12/26 20:14	JHH	EET SAC
Total/NA	Analysis	1633A	RA	1			919125	04/14/26 15:24	SEY	EET SAC

Lab Chronicle

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-23 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.24 g	5 mL	315846	04/22/26 05:49	TH	EET HOU
Total/NA	Analysis	8270E		1	1 MJ/Kg	1 MJ/Kg	317143	04/26/26 06:55	EM	EET HOU
Soluble	Leach	DI Leach			10.0 g	10 mL	313270	04/13/26 14:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	313214	04/13/26 20:29	SP	EET HOU
Total/NA	Prep	8330B			10.06 g	40 mL	746678	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	746802	05/10/26 01:14	JZ	EET DEN
Total/NA	Analysis	1633		1			910957	04/09/26 10:52	JCB	EET SAC
Soluble	Leach	DI Leach			5.28 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 22:06	AK	EET HOU

Client Sample ID: CS-23 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-23
Matrix: Solid
Percent Solids: 96.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A			2.11 g	5.0 mL	911363	04/12/26 20:14	JHH	EET SAC
Total/NA	Analysis	1633A		1			911779	04/14/26 15:41	JRB	EET SAC
Total/NA	Prep	1633A	RA		2.11 g	5.0 mL	911363	04/12/26 20:14	JHH	EET SAC
Total/NA	Analysis	1633A	RA	1			919125	04/14/26 15:41	SEY	EET SAC

Client Sample ID: CS-24 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.34 g	5 mL	315846	04/22/26 05:49	TH	EET HOU
Total/NA	Analysis	8270E		1	1 MJ/Kg	1 MJ/Kg	317143	04/26/26 07:24	EM	EET HOU
Soluble	Leach	DI Leach			10.5 g	10 mL	313270	04/13/26 14:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	313214	04/13/26 20:47	SP	EET HOU
Total/NA	Prep	8330B			10.42 g	40 mL	746678	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	746802	05/10/26 01:36	JZ	EET DEN
Total/NA	Analysis	1633		1			910957	04/09/26 10:52	JCB	EET SAC
Soluble	Leach	DI Leach			5.32 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 22:09	AK	EET HOU

Client Sample ID: CS-24 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-24
Matrix: Solid
Percent Solids: 96.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A			2.10 g	5.0 mL	911363	04/12/26 20:14	JHH	EET SAC
Total/NA	Analysis	1633A		1			911779	04/14/26 15:57	JRB	EET SAC
Total/NA	Prep	1633A	RA		2.10 g	5.0 mL	911363	04/12/26 20:14	JHH	EET SAC
Total/NA	Analysis	1633A	RA	1			919125	04/14/26 15:57	SEY	EET SAC

Lab Chronicle

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-25 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.46 g	5 mL	315886	04/22/26 09:22	TH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	317001	04/25/26 23:43	LPL	EET HOU
Soluble	Leach	DI Leach			10.04 g	10 mL	313270	04/13/26 14:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	313214	04/13/26 21:04	SP	EET HOU
Total/NA	Prep	8330B			10.16 g	40 mL	746678	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	746802	05/10/26 01:58	JZ	EET DEN
Total/NA	Analysis	1633		1			910957	04/09/26 10:52	JCB	EET SAC
Soluble	Leach	DI Leach			5.38 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 22:12	AK	EET HOU

Client Sample ID: CS-25 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-25
Matrix: Solid
Percent Solids: 95.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A			2.15 g	5.0 mL	911363	04/12/26 20:14	JHH	EET SAC
Total/NA	Analysis	1633A		1			911779	04/14/26 16:14	JRB	EET SAC
Total/NA	Prep	1633A	RA		2.15 g	5.0 mL	911363	04/12/26 20:14	JHH	EET SAC
Total/NA	Analysis	1633A	RA	1			919125	04/14/26 16:14	SEY	EET SAC

Client Sample ID: CS-26 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.56 g	5 mL	315845	04/22/26 05:16	TH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	318698	05/01/26 02:26	LPL	EET HOU
Soluble	Leach	DI Leach			10.2 g	10 mL	313270	04/13/26 14:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	313214	04/13/26 21:21	SP	EET HOU
Total/NA	Prep	8330B			10.40 g	40 mL	746678	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	746802	05/10/26 02:20	JZ	EET DEN
Total/NA	Analysis	1633		1			910957	04/09/26 10:52	JCB	EET SAC
Soluble	Leach	DI Leach			5.42 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 22:15	AK	EET HOU

Client Sample ID: CS-26 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70601-26
Matrix: Solid
Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A			2.11 g	5.0 mL	911363	04/12/26 20:14	JHH	EET SAC
Total/NA	Analysis	1633A		1			911779	04/14/26 16:31	JRB	EET SAC
Total/NA	Prep	1633A	RA		2.11 g	5.0 mL	911363	04/12/26 20:14	JHH	EET SAC
Total/NA	Analysis	1633A	RA	1			919125	04/14/26 16:31	SEY	EET SAC

Lab Chronicle

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Client Sample ID: CS-27 (0.5')

Lab Sample ID: 880-70601-27
Matrix: Solid
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.66 g	5 mL	315846	04/22/26 05:49	TH	EET HOU
Total/NA	Analysis	8270E		1	1 MJ/Kg	1 MJ/Kg	317143	04/26/26 11:20	EM	EET HOU
Soluble	Leach	DI Leach			10.5 g	10 mL	313270	04/13/26 14:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	313214	04/13/26 21:39	SP	EET HOU
Total/NA	Prep	8330B			10.62 g	40 mL	746678	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	746802	05/10/26 02:42	JZ	EET DEN
Total/NA	Analysis	1633		1			910957	04/09/26 10:52	JCB	EET SAC
Soluble	Leach	DI Leach			5.41 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 22:18	AK	EET HOU

Client Sample ID: CS-27 (0.5')

Lab Sample ID: 880-70601-27
Matrix: Solid
Date Collected: 03/31/26 00:00
Percent Solids: 95.9
Date Received: 04/07/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A			2.13 g	5.0 mL	911363	04/12/26 20:14	JHH	EET SAC
Total/NA	Analysis	1633A		1			911779	04/14/26 16:47	JRB	EET SAC
Total/NA	Prep	1633A	RA		2.13 g	5.0 mL	911363	04/12/26 20:14	JHH	EET SAC
Total/NA	Analysis	1633A	RA	1			919125	04/14/26 16:47	SEY	EET SAC

Laboratory References:

EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Laboratory: Eurofins Denver

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	2907.01	10-31-26
A2LA	ISO/IEC 17025	2907.01	10-31-26
Alaska (UST)	State	18-001	11-30-26
Arizona	State	AZ0713	12-20-26
Arkansas DEQ	State	88-00687	04-01-27
California	State	2513	01-08-27
Colorado	Petroleum Storage Tank Program	2907.01 (A2LA)	10-31-26
Colorado	State	CO00026	06-30-26
Connecticut	State	PH-0686	09-30-26
Florida	NELAP	E87667	06-30-26
Georgia	State	4025	01-08-27
Illinois	NELAP	200017	05-31-27
Iowa	State	370	12-01-26
Kansas	NELAP	E-10166	05-13-26
Kentucky (WW)	State	KY98047	12-31-26
Louisiana (All)	NELAP	30785	06-30-26
Minnesota	NELAP	1788752	12-31-26
Montana (DW)	State	CERT0117	01-01-27
Nevada	State	CO00026	07-31-26
New Hampshire	NELAP	2053	04-28-27
New Jersey	NELAP	CO004	06-30-26
New York	NELAP	11964	04-01-27
North Dakota	State	R-034	07-25-25 *
Oklahoma	NELAP	8614	12-31-26
Oregon	NELAP	4025	01-08-27
Pennsylvania	NELAP	68-00664	07-31-26
South Carolina	State	72002001	01-18-26 *
Texas	NELAP	T104704183	09-30-26
US Fish & Wildlife	US Federal Programs	058448	07-31-26
USDA	US Federal Programs	P330-20-00065	05-04-29
Utah	NELAP	CO00026	07-31-26
Virginia	NELAP	460232	06-14-26
Washington	State	C583	08-03-26
Wisconsin	State	999615430	08-31-26
Wyoming (UST)	A2LA	2907.01	10-31-26

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-05-26
Florida	NELAP	E871002	06-30-26
Louisiana (All)	NELAP	03054	06-30-26
New Mexico	State	TX00122	06-30-26
Oklahoma	NELAP	1306	12-31-26
Oregon	NELAP	4213-001	03-30-27
Texas	NELAP	T104704265	07-31-26
Texas	NELAP	T104704215	06-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Laboratory: Eurofins Houston (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	TCEQ Water Supply	T104704215	11-24-28
USDA	US Federal Programs	525-23-79-79507R1	04-10-29
Washington	State	C1114-26	03-22-27

Laboratory: Eurofins Sacramento

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska	State	CA00044	06-30-26
Alaska (UST)	State	17-020	02-20-27
ANAB	Dept. of Defense ELAP	L2468	01-20-27
ANAB	Dept. of Energy	L2468.01	01-20-27
ANAB	ISO/IEC 17025	L2468.03	01-20-27
Arizona	State	AZ0708	08-11-26
Arkansas DEQ	State	88-0691	05-17-26
California	State	2897	01-31-28
Colorado	State	CA00044	08-31-26
Florida	NELAP	E87570	06-30-26
Georgia	State	4040	01-29-27
Illinois	NELAP	200060	03-31-27
Kansas	NELAP	E-10375	05-13-26
Louisiana	NELAP	01944	06-30-26
Louisiana (All)	NELAP	01944	06-30-26
Maine	State	CA00004	04-14-28
Massachusetts	State	M-CA044	06-30-26
Michigan	State	9947	08-03-26
Minnesota	NELAP	006-999-474	04-15-26
Nevada	State	CA00044	07-31-26
New Jersey	NELAP	CA005	06-30-26
New York	NELAP	11666	04-01-27
Ohio	State	41252	01-29-27
Oregon	NELAP	4040	01-29-27
Texas	NELAP	T104704399-23-17	05-31-26
US Fish & Wildlife	US Federal Programs	A22139	04-30-26
USDA	US Federal Programs	525-23-59-76739	03-01-27
Utah	NELAP	CA000442023-16	02-28-27
Virginia	NELAP	460278	09-30-26
Washington	State	C581	05-05-26
West Virginia (DW)	State	9930C	01-31-27
West Virginia DEP	State	422	07-31-26
Wisconsin	State	998204680	08-31-26
Wyoming	State Program	8TMS-L	01-28-19 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Method	Method Description	Protocol	Laboratory
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET HOU
8015D	Glycols- Direct Injection (GC/FID)	SW846	EET HOU
8330B	Nitroaromatics and Nitramines (HPLC)	SW846	EET DEN
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	EET SAC
1633	Percent Moisture	EPA	EET SAC
9066	Phenolics, Total Recoverable	SW846	EET HOU
1633A	Shake Extraction with SPE	EPA	EET SAC
3546	Microwave Extraction	SW846	EET HOU
8330B	Sonication Extraction (Explosives)	SW846	EET DEN
DI Leach	Deionized Water Leaching Procedure	ASTM	EET HOU

Protocol References:

ASTM = ASTM International
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70601-1
SDG: 3197

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-70601-1	CS-1 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas
880-70601-2	CS-2 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas
880-70601-3	CS-3 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas
880-70601-4	CS-4 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas
880-70601-5	CS-5 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas
880-70601-6	CS-6 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas
880-70601-7	CS-7 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas
880-70601-8	CS-8 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas
880-70601-9	CS-9 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas
880-70601-10	CS-10 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas
880-70601-11	CS-11 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas
880-70601-12	CS-12 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas
880-70601-13	CS-13 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas
880-70601-14	CS-14 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas
880-70601-15	CS-15 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas
880-70601-16	CS-16 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas
880-70601-17	CS-17 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas
880-70601-18	CS-18 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas
880-70601-19	CS-19 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas
880-70601-20	CS-20 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas
880-70601-21	CS-21 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas
880-70601-22	CS-22 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas
880-70601-23	CS-23 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas
880-70601-24	CS-24 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas
880-70601-25	CS-25 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas
880-70601-26	CS-26 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas
880-70601-27	CS-27 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas

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Chain of Custody

Work Order No: _____

Page 1 of 3

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Neptune 10 State Com East CTB	Turn Around	
Project Number:	3197	☑ Routine ☐ Rush	
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	CMM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID:		
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:		
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-5.0	
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: Picric Acid	Sample Comments
CS-1 (0.5')	3/31/2026		X		C	1		X	
CS-2 (0.5')	3/31/2026		X		C	1		X	
CS-3 (0.5')	3/31/2026		X		C	1		X	
CS-4 (0.5')	3/31/2026		X		C	1		X	
CS-5 (0.5')	3/31/2026		X		C	1		X	
CS-6 (0.5')	3/31/2026		X		C	1		X	
CS-7 (0.5')	3/31/2026		X		C	1		X	
CS-8 (0.5')	3/31/2026		X		C	1		X	
CS-9 (0.5')	3/31/2026		X		C	1		X	
CS-10 (0.5')	3/31/2026		X		C	1		X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Conner Moehring	5/6/26		5.5.26 1534

Received by OCD: 6/16/2026 1:56:02 PM

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Chain of Custody

Work Order No: _____

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Neptune 10 State Com East CTB	Turn Around	
Project Number:	3197	☑ Routine	☐ Rush
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	CMM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	
Total Containers:		Corrected Temperature:	

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: Picric Acid	Sample Comments
CS-11 (0.5')	3/31/2026		X		C	1	X	
CS-12 (0.5')	3/31/2026		X		C	1	X	
CS-13 (0.5')	3/31/2026		X		C	1	X	
CS-14 (0.5')	3/31/2026		X		C	1	X	
CS-15 (0.5')	3/31/2026		X		C	1	X	
CS-16 (0.5')	3/31/2026		X		C	1	X	
CS-17 (0.5')	3/31/2026		X		C	1	X	
CS-18 (0.5')	3/31/2026		X		C	1	X	
CS-19 (0.5')	3/31/2026		X		C	1	X	
CS-20 (0.5')	3/31/2026		X		C	1	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	5/6/26		5.6.26 1356

Received by OCD: 6/16/2026 1:56:02 PM

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Chain of Custody

Work Order No: _____

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Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Neptune 10 State Com East CTB	Turn Around	Pres. Code
Project Number:	3197	☑ Routine ☐ Rush	
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	CMM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

ANALYSIS REQUEST

Parameters: Picric Acid

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Picric Acid	Sample Comments
CS-21 (0.5')	3/31/2026		X		C	1	X	
CS-22 (0.5')	3/31/2026		X		C	1	X	
CS-23 (0.5')	3/31/2026		X		C	1	X	
CS-24 (0.5')	3/31/2026		X		C	1	X	
CS-25 (0.5')	3/31/2026		X		C	1	X	
CS-26 (0.5')	3/31/2026		X		C	1	X	
CS-27 (0.5')	3/31/2026		X		C	1	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Conner Moehring	5/6/26	Erin Hyl	5.6.26 1336

Received by OCD: 6/16/2026 1:56:02 PM

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Received by OCD: 6/16/2026 1:56:02 PM

Chain of Custody

880-70601 Chain of Custody

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Neptune 10 State Com East CTB	Turn Around	
Project Number:	3197	☑ Routine ☐ Rush	
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	CMM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	(Yes) No	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	TR8
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-9.2
Total Containers:		Corrected Temperature:	-9.4

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: diethylene glycol monobutyl ether	Parameters: all Polyfluoroalkyl and Perfluoroalkyl Compounds (PFAS)	Sample Comments
CS-1 (0.5')	3/31/2026		X		C	3	X	X	
CS-2 (0.5')	3/31/2026		X		C	3	X	X	
CS-3 (0.5')	3/31/2026		X		C	3	X	X	
CS-4 (0.5')	3/31/2026		X		C	3	X	X	
CS-5 (0.5')	3/31/2026		X		C	3	X	X	
CS-6 (0.5')	3/31/2026		X		C	3	X	X	
CS-7 (0.5')	3/31/2026		X		C	3	X	X	
CS-8 (0.5')	3/31/2026		X		C	3	X	X	
CS-9 (0.5')	3/31/2026		X		C	3	X	X	
CS-10 (0.5')	3/31/2026		X		C	3	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Conner Moehring	4/7/26	Trin Dal	4-7 26 930

5/29/2026 (Rev. 1)

Released to Imaging: 6/26/2026 11:12:03 AM
Received by OCD: 6/16/2026 1:56:02 PM

Chain of Custody

Work Order No: _____

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Neptune 10 State Com East CTB	Turn Around	☑ Routine ☐ Rush
Project Number:	3197	Due Date:	
Project Location	Lea County, NM		
Sampler's Name:	CMM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-9.2	
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: diethylene glycol monobutyl ether	Parameters: all Polyfluoroalkyl and Perfluoroalkyl Compounds (PFAS)	Sample Comments
CS-11 (0.5')	3/31/2026		X		C	3	X	X	
CS-12 (0.5')	3/31/2026		X		C	3	X	X	
CS-13 (0.5')	3/31/2026		X		C	3	X	X	
CS-14 (0.5')	3/31/2026		X		C	3	X	X	
CS-15 (0.5')	3/31/2026		X		C	3	X	X	
CS-16 (0.5')	3/31/2026		X		C	3	X	X	
CS-17 (0.5')	3/31/2026		X		C	3	X	X	
CS-18 (0.5')	3/31/2026		X		C	3	X	X	
CS-19 (0.5')	3/31/2026		X		C	3	X	X	
CS-20 (0.5')	3/31/2026		X		C	3	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Conner Moehring	4/7/26	Erin Dyk	4-7-26 930

5/29/2026 (Rev. 1)

Released to Imaging: 6/26/2026 11:12:03 AM
Received by OCD: 6/16/2026 1:56:02 PM

Chain of Custody

Work Order No: _____

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Neptune 10 State Com East CTB	Turn Around	
Project Number:	3197	☑ Routine ☐ Rush	
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	CMM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-9.2	
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: diethylene glycol monobutyl ether	Parameters: all Polyfluoroalkyl and Perfluoroalkyl Compounds (PFAS)	Sample Comments
CS-21 (0.5')	3/31/2026		X		C	3	X	X	
CS-22 (0.5')	3/31/2026		X		C	3	X	X	
CS-23 (0.5')	3/31/2026		X		C	3	X	X	
CS-24 (0.5')	3/31/2026		X		C	3	X	X	
CS-25 (0.5')	3/31/2026		X		C	3	X	X	
CS-26 (0.5')	3/31/2026		X		C	3	X	X	
CS-27 (0.5')	3/31/2026		X		C	3	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Conner Moehring	4/1/26	Erin Ryal	4.7.26 930

Eurofins Midland
1211 W Florida Ave
Midland, TX 79701
Phone. 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 880-16150 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica Kramer@et.eurofinsus com	State of Origin: Texas	Page: Page 1 of 3
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 880-70601-1
Address: 4955 Yarrow Street, ,	Due Date Requested: 4/23/2026			Preservation Codes:
City: Arvada	TAT Requested (days): N/A			
State, Zip: CO, 80002				
Phone: 303-736-0100(Tel) 303-431-7171(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Neptune 10 State Com East CTB	Project #: 88001158			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8330B/8330B_Sonc_10g2,4,6-Trinitrophenol	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
CS-1 (0 5') (880-70601-1)	3/31/26	Central	G	Solid			X	1	
CS-2 (0 5') (880-70601-2)	3/31/26	Central	G	Solid			X	1	
CS-3 (0 5') (880-70601-3)	3/31/26	Central	G	Solid			X	1	
CS-4 (0 5') (880-70601-4)	3/31/26	Central	G	Solid			X	1	
CS-5 (0 5') (880-70601-5)	3/31/26	Central	G	Solid			X	1	
CS-6 (0 5') (880-70601-6)	3/31/26	Central	G	Solid			X	1	
CS-7 (0 5') (880-70601-7)	3/31/26	Central	G	Solid			X	1	
CS-8 (0 5') (880-70601-8)	3/31/26	Central	G	Solid			X	1	
CS-9 (0 5') (880-70601-9)	3/31/26	Central	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change Eurofins Environment Testing South Central LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Environment Testing South Central LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I, II, III IV Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:				5/7/26 0085	DEN
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: 5.5 CF-0.2 IR Bells

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Eurofins Midland
1211 W Florida Ave
Midland, TX 79701
Phone. 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 880-16150 2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica Kramer@et eurofinsus com	State of Origin: Texas	Page: Page 2 of 3
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 880-70601-1
Address: 4955 Yarrow Street, ,	Due Date Requested: 4/23/2026			Preservation Codes.
City: Arvada	TAT Requested (days): N/A			
State, Zip: CO, 80002				
Phone: 303-736-0100(Tel) 303-431-7171(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Neptune 10 State Com East CTB	Project #: 88001158			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8330B/8330B_Sonc_10g2,4,6-Trinitrophenol	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
CS-10 (0 5') (880-70601-10)	3/31/26	Central	G	Solid			X	1	
CS-11 (0 5') (880-70601-11)	3/31/26	Central	G	Solid			X	1	
CS-12 (0 5') (880-70601-12)	3/31/26	Central	G	Solid			X	1	
CS-13 (0 5') (880-70601-13)	3/31/26	Central	G	Solid			X	1	
CS-14 (0 5') (880-70601-14)	3/31/26	Central	G	Solid			X	1	
CS-15 (0 5') (880-70601-15)	3/31/26	Central	G	Solid			X	1	
CS-16 (0 5') (880-70601-16)	3/31/26	Central	G	Solid			X	1	
CS-17 (0 5') (880-70601-17)	3/31/26	Central	G	Solid			X	1	
CS-18 (0 5') (880-70601-18)	3/31/26	Central	G	Solid			X	1	

Note Since laboratory accreditations are subject to change Eurofins Environment Testing South Central LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I, II III IV Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment

	Date/Time	Company		Date/Time	Company
Relinquished by			Received by	5/7/26 0935	EET DEN
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.

Received by OCD: 6/16/2026 1:56:02 PM

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Eurofins Midland
1211 W Florida Ave
Midland, TX 79701
Phone 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 880-16150 3
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica Kramer@et.eurofinsus com	State of Origin: Texas	Page: Page 3 of 3
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 880-70601-1
Address: 4955 Yarrow Street, ,	Due Date Requested: 4/23/2026			Preservation Codes
City: Arvada	TAT Requested (days): N/A			
State, Zip: CO, 80002				
Phone: 303-736-0100(Tel) 303-431-7171(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Neptune 10 State Com East CTB	Project #: 88001158			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8330B/8330B_Sonc_10g2,4,6-Trinitrophenol	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
CS-19 (0 5') (880-70601-19)	3/31/26	Central	G	Solid			X	1	
CS-20 (0 5') (880-70601-20)	3/31/26	Central	G	Solid			X	1	
CS-21 (0 5') (880-70601-21)	3/31/26	Central	G	Solid			X	1	
CS-22 (0 5') (880-70601-22)	3/31/26	Central	G	Solid			X	1	
CS-23 (0 5') (880-70601-23)	3/31/26	Central	G	Solid			X	1	
CS-24 (0 5') (880-70601-24)	3/31/26	Central	G	Solid			X	1	
CS-25 (0 5') (880-70601-25)	3/31/26	Central	G	Solid			X	1	
CS-26 (0 5') (880-70601-26)	3/31/26	Central	G	Solid			X	1	
CS-27 (0 5') (880-70601-27)	3/31/26	Central	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central LLC places the ownership of method analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Environment Testing South Central LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Environment Testing South Central LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I, II III, IV Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment.

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.

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Received by OCD: 6/16/2026 1:56:02 PM

Eurofins Midland
1211 W Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer Jessica	Carrier Tracking No(s): N/A	COC No: 880-16060.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-70601 1
Address: 4145 Greenbriar Dr	Due Date Requested: 4/13/2026			Preservation Codes:
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Neptune 10 State Com East CTB	Project #: 88001158			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015D_DAI_G/DI_LEACH(MOD) Glycols	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
CS-1 (0.5') (880-70601-1)	3/31/26	Central	G	Solid			X	2	
CS-2 (0.5') (880-70601-2)	3/31/26	Central	G	Solid			X	2	
CS-3 (0.5') (880-70601-3)	3/31/26	Central	G	Solid			X	2	
CS-4 (0.5') (880-70601-4)	3/31/26	Central	G	Solid			X	2	
CS-5 (0.5') (880-70601-5)	3/31/26	Central	G	Solid			X	2	
CS-6 (0.5') (880-70601-6)	3/31/26	Central	G	Solid			X	2	
CS-7 (0.5') (880-70601 7)	3/31/26	Central	G	Solid			X	2	
CS-8 (0.5') (880-70601-8)	3/31/26	Central	G	Solid			X	2	
CS-9 (0.5') (880-70601-9)	3/31/26	Central	G	Solid			X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I II III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: Received				
Relinquished by: Teddy Randell Lee	Date/Time:	Company	Received by:	Date/Time: APR 08 2026	Company
Relinquished by:	Date/Time:	Company	Received by: Mirlayda Jan	Date/Time: Time: 9:32	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 3.0

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Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer Jessica	Carrier Tracking No(s): N/A	COC No: 880-16060.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 2 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-70601 1
Address: 4145 Greenbriar Dr	Due Date Requested: 4/13/2026			
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Neptune 10 State Com East CTB	Project #: 88001158			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8016D_DAI_G/DI_LEACH(MOD) Glycols	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
CS-10 (0.5') (880-70601 10)	3/31/26	Central	G	Solid			X	2	
CS-11 (0.5') (880-70601 11)	3/31/26	Central	G	Solid			X	2	
CS-12 (0 5') (880-70601 12)	3/31/26	Central	G	Solid			X	2	
CS-13 (0.5') (880-70601 13)	3/31/26	Central	G	Solid			X	2	
CS-14 (0.5') (880-70601 14)	3/31/26	Central	G	Solid			X	2	
CS-15 (0.5') (880-70601 15)	3/31/26	Central	G	Solid			X	2	
CS-16 (0.5') (880-70601 16)	3/31/26	Central	G	Solid			X	2	
CS-17 (0.5') (880-70601 17)	3/31/26	Central	G	Solid			X	2	
CS-18 (0.5') (880-70601 18)	3/31/26	Central	G	Solid			X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I II III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment: Received		
Relinquished by: Teddy Pantall Lee	Date/Time:	Company	Received by:	Date/Time: APR 08 2026	Company	
Relinquished by:	Date/Time:	Company	Received by: Mislaylatte	Date/Time: Time: 9:30	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.
Cooler Temperature(s) °C and Other Remarks: 3.0	

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Received by OCD: 6/16/2026 1:56:02 PM

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer Jessica	Carrier Tracking No(s): N/A	COC No: 880-16060.3
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 3 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-70601 1
Address: 4145 Greenbriar Dr	Due Date Requested: 4/13/2026			Preservation Codes:
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Neptune 10 State Com East CTB	Project #: 88001158			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8016D_DAI_G/DI_LEACH(MOD) Glycols	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
CS-19 (0.5') (880-70601 19)	3/31/26	Central	G	Solid			X	2	
CS-20 (0.5') (880-70601-20)	3/31/26	Central	G	Solid			X	2	
CS-21 (0.5') (880-70601-21)	3/31/26	Central	G	Solid			X	2	
CS-22 (0.5') (880-70601-22)	3/31/26	Central	G	Solid			X	2	
CS-23 (0.5') (880-70601-23)	3/31/26	Central	G	Solid			X	2	
CS-24 (0.5') (880-70601-24)	3/31/26	Central	G	Solid			X	2	
CS-25 (0.5') (880-70601-25)	3/31/26	Central	G	Solid			X	2	
CS-26 (0 5') (880-70601-26)	3/31/26	Central	G	Solid			X	2	
CS-27 (0 5') (880-70601-27)	3/31/26	Central	G	Solid			X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central LLC.

Possible Hazard Identification
Unconfirmed

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Deliverable Requested: I, II, III IV Other (specify) Primary Deliverable Rank: 2

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: Received	
Relinquished by: Teddy Randell	Date/Time:	Company	Received by:	Date/Time: Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: APR 08 2026 Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: Time: 9:30 Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 3.0

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-70601-1
SDG Number: 3197

Login Number: 70601
List Number: 1
Creator: Dyal, Erica

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-70601-1
SDG Number: 3197

Login Number: 70601
List Number: 4
Creator: Mueller, Julie

List Source: Eurofins Denver
List Creation: 05/07/26 01:29 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
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?	N/A	
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	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-70601-1
SDG Number: 3197

Login Number: 70601
List Number: 2
Creator: Marrero, Misleydis

List Source: Eurofins Houston
List Creation: 04/08/26 12:57 PM

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.	True	
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	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-70601-1
SDG Number: 3197

Login Number: 70601
List Number: 3
Creator: Simmons, Jason C

List Source: Eurofins Sacramento
List Creation: 04/08/26 02:18 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.7c
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?	N/A	Received project as a subcontract.
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	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 5/29/2026 7:37:07 AM Revision 2

JOB DESCRIPTION

Neptune 10 State Com East CTB

JOB NUMBER

880-70602-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 6/20/2026 11:12:05 AM

my EOL

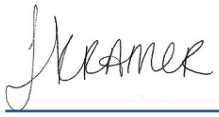
Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Authorized for release by
Jessica Kramer, Project Manager
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Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Laboratory Job ID: 880-70602-1

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Definitions/Glossary

Client: Carmona Resources Job ID: 880-70602-1
Project/Site: Neptune 10 State Com East CTB

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
I	Value is EMPC (estimated maximum possible concentration).
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
U	Indicates the analyte was analyzed for but not detected.

LCMS

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Definitions/Glossary

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70602-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources Job ID: 880-70602-1
Project: Neptune 10 State Com East CTB

Job ID: 880-70602-1 Eurofins Midland

Job Narrative
880-70602-1

REVISION

The report being provided is a revision of the original report sent on 4/14/2026. The report (revision 2) is being revised due to PFAs be reviewed with possible other compounds reported.

Report revision history
Revision 1 - 4/30/2026 - Reason - Per client, adding additional methods. Revision required.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 4/7/2026 9:30 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 -9.4°C.

GC Semi VOA
Method 8015D - Soluble: The following samples were diluted due to physical characteristics, such as color, appearance, particulates in sample, etc.>>: SW-1 (0.5') (880-70602-1), SW-2 (0.5') (880-70602-2), SW-3 (0.5') (880-70602-3) and SW-4 (0.5') (880-70602-4). Elevated reporting limits (RL) are provided.

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

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

General Chemistry
Method 9066 - Soluble: The method blank (MB) for analytical batch contained above the reporting limit (RL). All reported samples associated with this MB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the MB; therefore, re-analysis of samples was not performed.

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

Case Narrative

Client: Carmona Resources
Project: Neptune 10 State Com East CTB

Job ID: 880-70602-1

Job ID: 880-70602-3 Eurofins Midland

Job Narrative
880-70602-3

REVISION

The report being provided is a revision of the original report sent on 5/4/2026. The report (revision 1) is being revised due to Additional methods added, revision required.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 4/7/2026 9:30 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 -9.4°C.

GC/MS Semi VOA
Method 8270E: The following samples were prepared outside of preparation holding time due to analysis requested out of holding time : SW-1 (0.5') (880-70602-1), SW-2 (0.5') (880-70602-2), SW-3 (0.5') (880-70602-3) and SW-4 (0.5') (880-70602-4).

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

HPLC/IC
Method 8330B: Samples SW-1 (0.5') (880-70602-1), SW-2 (0.5') (880-70602-2), SW-3 (0.5') (880-70602-3) and SW-4 (0.5') (880-70602-4) was/were received outside of holding time. In preparation batch 280-746678

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

Client Sample Results

Client: Carmona Resources
Job ID: 880-70602-1
Project/Site: Neptune 10 State Com East CTB

Client Sample ID: SW-1 (0.5')
Lab Sample ID: 880-70602-1
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 95.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.00931	U H	0.00931		mg/Kg		04/22/26 05:49	04/26/26 04:57	1
Phenol	<0.0186	U H	0.0186		mg/Kg		04/22/26 05:49	04/26/26 04:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*67*		*37 - 130*	*04/22/26 05:49*	*04/26/26 04:57*	*1*
Nitrobenzene-d5 (Surr)	*73*		*36 - 131*	*04/22/26 05:49*	*04/26/26 04:57*	*1*
p-Terphenyl-d14 (Surr)	*72*		*40 - 130*	*04/22/26 05:49*	*04/26/26 04:57*	*1*
2,4,6-Tribromophenol (Surr)	*81*		*35 - 140*	*04/22/26 05:49*	*04/26/26 04:57*	*1*
2-Fluorophenol (Surr)	*63*		*37 - 130*	*04/22/26 05:49*	*04/26/26 04:57*	*1*
Phenol-d5 (Surr)	*56*		*37 - 130*	*04/22/26 05:49*	*04/26/26 04:57*	*1*

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<25.0	U	25.0		mg/Kg			04/13/26 21:56	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.194	U H	0.194		mg/Kg		05/08/26 14:29	05/10/26 03:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene	*107*		*70 - 130*	*05/08/26 14:29*	*05/10/26 03:04*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.383	U	0.383		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.383	U	0.383		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.383	U	0.383		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.959	U	0.959		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.959	U	0.959		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
Perfluorobutanoic acid (PFBA)	<0.383	U	0.383		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
Perfluorodecanesulfonic acid (PFDS)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1

Client Sample Results

Client: Carmona Resources
Job ID: 880-70602-1
Project/Site: Neptune 10 State Com East CTB

Client Sample ID: SW-1 (0.5') **Lab Sample ID: 880-70602-1**
Date Collected: 03/31/26 00:00 **Matrix: Solid**
Date Received: 04/07/26 09:30 **Percent Solids: 95.7**

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanoic acid (PFDA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
Perfluorododecanesulfonic acid (PFDoS)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
Perfluorododecanoic acid (PFDoA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
Perfluoroheptanoic acid (PFHpA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.959	U	0.959		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
Perfluorohexanesulfonate (PFHxS-)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
Perfluorohexanesulfonic acid (PFHxS)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
Perfluorohexanoic acid (PFHxA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
Perfluorononanesulfonic acid (PFNS)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
Perfluorononanoate (PFNA-)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
Perfluorononanoic acid (PFNA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
Perfluorooctanesulfonamide (PFOSA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
Perfluorooctanoate (PFOA-)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
Perfluorooctanoic acid (PFOA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
Perfluoropentanesulfonic acid (PFPeS)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
Perfluoropentanoic acid (PFPeA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.959	U	0.959		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.383	U	0.383		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
Perfluorotetradecanoic acid (PFTeDA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
Perfluorotridecanoic acid (PFTrDA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
Perfluoroundecanoic acid (PFUnA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*54.1*		*40 - 130*	*04/11/26 06:33*	*04/12/26 10:47*	*1*
13C3-3:3 FTCA	*74.2*		*20 - 150*	*04/11/26 06:33*	*04/12/26 10:47*	*1*
13C3-5:3 FTCA	*67.0*		*20 - 150*	*04/11/26 06:33*	*04/12/26 10:47*	*1*
13C2 4:2 FTS	*60.8*		*40 - 165*	*04/11/26 06:33*	*04/12/26 10:47*	*1*
13C2 6:2 FTS	*61.5*		*40 - 215*	*04/11/26 06:33*	*04/12/26 10:47*	*1*
13C2 8:2 FTS	*53.8*		*40 - 275*	*04/11/26 06:33*	*04/12/26 10:47*	*1*
13C3 HFPO-DA	*79.1*		*40 - 130*	*04/11/26 06:33*	*04/12/26 10:47*	*1*
13C4 PFBA	*88.0*		*8 - 130*	*04/11/26 06:33*	*04/12/26 10:47*	*1*
13C6 PFDA	*70.2*		*40 - 130*	*04/11/26 06:33*	*04/12/26 10:47*	*1*
13C2 PFDoA	*62.2*		*40 - 130*	*04/11/26 06:33*	*04/12/26 10:47*	*1*
13C4 PFHpA	*89.6*		*40 - 130*	*04/11/26 06:33*	*04/12/26 10:47*	*1*
13C5 PFHxA	*81.4*		*40 - 130*	*04/11/26 06:33*	*04/12/26 10:47*	*1*
13C3 PFHxS	*74.6*		*40 - 130*	*04/11/26 06:33*	*04/12/26 10:47*	*1*
13C9 PFNA	*77.7*		*40 - 130*	*04/11/26 06:33*	*04/12/26 10:47*	*1*
13C8 PFOA	*77.1*		*40 - 130*	*04/11/26 06:33*	*04/12/26 10:47*	*1*
13C8 PFOS	*75.8*		*40 - 130*	*04/11/26 06:33*	*04/12/26 10:47*	*1*

Client Sample Results

Client: Carmona Resources
Job ID: 880-70602-1
Project/Site: Neptune 10 State Com East CTB

Client Sample ID: SW-1 (0.5')
Lab Sample ID: 880-70602-1
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 95.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C5 PFPeA	*90.9*		*35 - 130*	*04/11/26 06:33*	*04/12/26 10:47*	*1*
13C2 PFTeDA	*75.3*		*20 - 130*	*04/11/26 06:33*	*04/12/26 10:47*	*1*
13C6 PFTrDA	*57.6*		*20 - 150*	*04/11/26 06:33*	*04/12/26 10:47*	*1*
13C7 PFUnA	*70.3*		*40 - 130*	*04/11/26 06:33*	*04/12/26 10:47*	*1*
d5-NEtFOSAA	*56.4*		*40 - 150*	*04/11/26 06:33*	*04/12/26 10:47*	*1*
d9-N-EtFOSE-M	*56.5*		*15 - 130*	*04/11/26 06:33*	*04/12/26 10:47*	*1*
d5-NEtPFOSA	*52.1*		*10 - 130*	*04/11/26 06:33*	*04/12/26 10:47*	*1*
d3-NMeFOSAA	*57.6*		*40 - 135*	*04/11/26 06:33*	*04/12/26 10:47*	*1*
d7-N-MeFOSE-M	*52.0*		*20 - 130*	*04/11/26 06:33*	*04/12/26 10:47*	*1*
d3-NMePFOSA	*46.5*		*10 - 130*	*04/11/26 06:33*	*04/12/26 10:47*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
Perfluorobutanesulfonic acid (PFBS)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
Perfluorooctanesulfonate (PFOS-)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
Perfluorooctanesulfonic acid (PFOS)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
Potassium Perfluorobutane Sulfonate	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1
Potassium Perfluorooctanesulfonate	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 10:47	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFBS	*72.6*		*40 - 135*	*04/11/26 06:33*	*04/12/26 10:47*	*1*
13C8 PFOS	*75.8*		*40 - 130*	*04/11/26 06:33*	*04/12/26 10:47*	*1*

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0956	U	0.0956		mg/Kg			04/23/26 22:21	1

Client Sample ID: SW-2 (0.5')
Lab Sample ID: 880-70602-2
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 96.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.00856	U H	0.00856		mg/Kg		04/22/26 05:49	04/26/26 07:54	1
Phenol	<0.0171	U H	0.0171		mg/Kg		04/22/26 05:49	04/26/26 07:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*88*		*37 - 130*	*04/22/26 05:49*	*04/26/26 07:54*	*1*
Nitrobenzene-d5 (Surr)	*94*		*36 - 131*	*04/22/26 05:49*	*04/26/26 07:54*	*1*
p-Terphenyl-d14 (Surr)	*96*		*40 - 130*	*04/22/26 05:49*	*04/26/26 07:54*	*1*
2,4,6-Tribromophenol (Surr)	*111*		*35 - 140*	*04/22/26 05:49*	*04/26/26 07:54*	*1*
2-Fluorophenol (Surr)	*78*		*37 - 130*	*04/22/26 05:49*	*04/26/26 07:54*	*1*
Phenol-d5 (Surr)	*67*		*37 - 130*	*04/22/26 05:49*	*04/26/26 07:54*	*1*

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<24.0	U	24.0		mg/Kg			04/13/26 22:14	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.190	U H	0.190		mg/Kg		05/08/26 14:29	05/10/26 03:48	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Job ID: 880-70602-1
Project/Site: Neptune 10 State Com East CTB

Client Sample ID: SW-2 (0.5')
Lab Sample ID: 880-70602-2
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 96.2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dinitrobenzene	108		70 - 130	05/08/26 14:29	05/10/26 03:48	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.385	U	0.385		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.385	U	0.385		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.385	U	0.385		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.962	U	0.962		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.962	U	0.962		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
Perfluorobutanoic acid (PFBA)	<0.385	U	0.385		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
Perfluorodecanesulfonic acid (PFDS)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
Perfluorodecanoic acid (PFDA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
Perfluorododecanesulfonic acid (PFDoS)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
Perfluorododecanoic acid (PFDoA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
Perfluoroheptanoic acid (PFHpA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.962	U	0.962		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
Perfluorohexanesulfonate (PFHxS-)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
Perfluorohexanesulfonic acid (PFHxS)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
Perfluorohexanoic acid (PFHxA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
Perfluorononanesulfonic acid (PFNS)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
Perfluorononanoate (PFNA-)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
Perfluorononanoic acid (PFNA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1

Client Sample Results

Client: Carmona Resources
Job ID: 880-70602-1
Project/Site: Neptune 10 State Com East CTB

Client Sample ID: SW-2 (0.5')
Lab Sample ID: 880-70602-2
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 96.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonamide (PFOSA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
Perfluorooctanoate (PFOA-)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
Perfluorooctanoic acid (PFOA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
Perfluoropentanesulfonic acid (PFPeS)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
Perfluoropentanoic acid (PFPeA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.962	U	0.962		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.385	U	0.385		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
Perfluorotetradecanoic acid (PFTeDA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
Perfluorotridecanoic acid (PFTrDA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
Perfluoroundecanoic acid (PFUnA)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*55.4*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:03*	*1*
13C3-3:3 FTCA	*80.0*		*20 - 150*	*04/11/26 06:33*	*04/12/26 11:03*	*1*
13C3-5:3 FTCA	*73.4*		*20 - 150*	*04/11/26 06:33*	*04/12/26 11:03*	*1*
13C2 4:2 FTS	*66.3*		*40 - 165*	*04/11/26 06:33*	*04/12/26 11:03*	*1*
13C2 6:2 FTS	*65.6*		*40 - 215*	*04/11/26 06:33*	*04/12/26 11:03*	*1*
13C2 8:2 FTS	*59.2*		*40 - 275*	*04/11/26 06:33*	*04/12/26 11:03*	*1*
13C3 HFPO-DA	*74.2*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:03*	*1*
13C4 PFBA	*84.1*		*8 - 130*	*04/11/26 06:33*	*04/12/26 11:03*	*1*
13C6 PFDA	*68.0*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:03*	*1*
13C2 PFDoA	*60.7*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:03*	*1*
13C4 PFHpA	*83.1*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:03*	*1*
13C5 PFHxA	*78.6*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:03*	*1*
13C3 PFHxS	*75.2*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:03*	*1*
13C9 PFNA	*80.7*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:03*	*1*
13C8 PFOA	*80.9*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:03*	*1*
13C8 PFOS	*76.0*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:03*	*1*
13C5 PFPeA	*90.1*		*35 - 130*	*04/11/26 06:33*	*04/12/26 11:03*	*1*
13C2 PFTeDA	*77.6*		*20 - 130*	*04/11/26 06:33*	*04/12/26 11:03*	*1*
13C6 PFTrDA	*54.9*		*20 - 150*	*04/11/26 06:33*	*04/12/26 11:03*	*1*
13C7 PFUnA	*65.0*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:03*	*1*
d5-NEtFOSAA	*52.9*		*40 - 150*	*04/11/26 06:33*	*04/12/26 11:03*	*1*
d9-N-EtFOSE-M	*55.1*		*15 - 130*	*04/11/26 06:33*	*04/12/26 11:03*	*1*
d5-NEtPFOSA	*49.5*		*10 - 130*	*04/11/26 06:33*	*04/12/26 11:03*	*1*
d3-NMeFOSAA	*57.5*		*40 - 135*	*04/11/26 06:33*	*04/12/26 11:03*	*1*
d7-N-MeFOSE-M	*51.3*		*20 - 130*	*04/11/26 06:33*	*04/12/26 11:03*	*1*
d3-NMePFOSA	*46.1*		*10 - 130*	*04/11/26 06:33*	*04/12/26 11:03*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
Perfluorobutanesulfonic acid (PFBS)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
Perfluorooctanesulfonate (PFOS-)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
Perfluorooctanesulfonic acid (PFOS)	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
Potassium Perfluorobutane Sulfonate	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1
Potassium Perfluorooctanesulfonate	<0.192	U	0.192		ug/Kg	☼	04/11/26 06:33	04/12/26 11:03	1

Client Sample Results

Client: Carmona Resources
Job ID: 880-70602-1
Project/Site: Neptune 10 State Com East CTB

Client Sample ID: SW-2 (0.5')
Lab Sample ID: 880-70602-2
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 96.2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFBS	*73.2*		*40 - 135*	*04/11/26 06:33*	*04/12/26 11:03*	*1*
13C8 PFOS	*76.0*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:03*	*1*

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0952	U	0.0952		mg/Kg			04/23/26 22:24	1

Client Sample ID: SW-3 (0.5')
Lab Sample ID: 880-70602-3
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 96.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.00962	U H	0.00962		mg/Kg		04/22/26 05:49	04/26/26 06:26	1
Phenol	<0.0192	U H	0.0192		mg/Kg		04/22/26 05:49	04/26/26 06:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*72*		*37 - 130*	*04/22/26 05:49*	*04/26/26 06:26*	*1*
Nitrobenzene-d5 (Surr)	*73*		*36 - 131*	*04/22/26 05:49*	*04/26/26 06:26*	*1*
p-Terphenyl-d14 (Surr)	*78*		*40 - 130*	*04/22/26 05:49*	*04/26/26 06:26*	*1*
2,4,6-Tribromophenol (Surr)	*95*		*35 - 140*	*04/22/26 05:49*	*04/26/26 06:26*	*1*
2-Fluorophenol (Surr)	*62*		*37 - 130*	*04/22/26 05:49*	*04/26/26 06:26*	*1*
Phenol-d5 (Surr)	*55*		*37 - 130*	*04/22/26 05:49*	*04/26/26 06:26*	*1*

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<24.8	U	24.8		mg/Kg			04/13/26 22:31	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.192	U H	0.192		mg/Kg		05/08/26 14:29	05/10/26 04:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene	*110*		*70 - 130*	*05/08/26 14:29*	*05/10/26 04:10*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.394	U	0.394		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.394	U	0.394		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.394	U	0.394		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1

Client Sample Results

Client: Carmona Resources
Job ID: 880-70602-1
Project/Site: Neptune 10 State Com East CTB

Client Sample ID: SW-3 (0.5')
Lab Sample ID: 880-70602-3
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 96.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.986	U	0.986		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.986	U	0.986		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
Perfluorobutanoic acid (PFBA)	<0.394	U	0.394		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
Perfluorodecanesulfonic acid (PFDS)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
Perfluorodecanoic acid (PFDA)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
Perfluorododecanesulfonic acid (PFDoS)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
Perfluorododecanoic acid (PFDoA)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
Perfluoroheptanoic acid (PFHpA)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.986	U	0.986		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
Perfluorohexanesulfonate (PFHxS-)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
Perfluorohexanesulfonic acid (PFHxS)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
Perfluorohexanoic acid (PFHxA)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
Perfluorononanesulfonic acid (PFNS)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
Perfluorononanoate (PFNA-)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
Perfluorononanoic acid (PFNA)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
Perfluorooctanesulfonamide (PFOSA)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
Perfluorooctanoate (PFOA-)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
Perfluorooctanoic acid (PFOA)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
Perfluoropentanesulfonic acid (PFPeS)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
Perfluoropentanoic acid (PFPeA)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.986	U	0.986		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.394	U	0.394		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
Perfluorotetradecanoic acid (PFTeDA)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
Perfluorotridecanoic acid (PFTrDA)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
Perfluoroundecanoic acid (PFUnA)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*57.7*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:20*	*1*
13C3-3:3 FTCA	*64.3*		*20 - 150*	*04/11/26 06:33*	*04/12/26 11:20*	*1*
13C3-5:3 FTCA	*63.6*		*20 - 150*	*04/11/26 06:33*	*04/12/26 11:20*	*1*
13C2 4:2 FTS	*70.2*		*40 - 165*	*04/11/26 06:33*	*04/12/26 11:20*	*1*
13C2 6:2 FTS	*63.2*		*40 - 215*	*04/11/26 06:33*	*04/12/26 11:20*	*1*
13C2 8:2 FTS	*54.4*		*40 - 275*	*04/11/26 06:33*	*04/12/26 11:20*	*1*

Client Sample Results

Client: Carmona Resources
Job ID: 880-70602-1
Project/Site: Neptune 10 State Com East CTB

Client Sample ID: SW-3 (0.5')
Lab Sample ID: 880-70602-3
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 96.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 HFPO-DA	69.9		40 - 130	04/11/26 06:33	04/12/26 11:20	1
13C4 PFBA	84.3		8 - 130	04/11/26 06:33	04/12/26 11:20	1
13C6 PFDA	75.5		40 - 130	04/11/26 06:33	04/12/26 11:20	1
13C2 PFDoA	70.7		40 - 130	04/11/26 06:33	04/12/26 11:20	1
13C4 PFHpA	79.1		40 - 130	04/11/26 06:33	04/12/26 11:20	1
13C5 PFHxA	75.1		40 - 130	04/11/26 06:33	04/12/26 11:20	1
13C3 PFHxS	74.7		40 - 130	04/11/26 06:33	04/12/26 11:20	1
13C9 PFNA	85.1		40 - 130	04/11/26 06:33	04/12/26 11:20	1
13C8 PFOA	83.7		40 - 130	04/11/26 06:33	04/12/26 11:20	1
13C8 PFOS	76.1		40 - 130	04/11/26 06:33	04/12/26 11:20	1
13C5 PFPeA	85.7		35 - 130	04/11/26 06:33	04/12/26 11:20	1
13C2 PFTeDA	80.4		20 - 130	04/11/26 06:33	04/12/26 11:20	1
13C6 PFTrDA	60.6		20 - 150	04/11/26 06:33	04/12/26 11:20	1
13C7 PFUnA	76.4		40 - 130	04/11/26 06:33	04/12/26 11:20	1
d5-NEtFOSAA	60.2		40 - 150	04/11/26 06:33	04/12/26 11:20	1
d9-N-EtFOSE-M	57.9		15 - 130	04/11/26 06:33	04/12/26 11:20	1
d5-NEtPFOSA	48.4		10 - 130	04/11/26 06:33	04/12/26 11:20	1
d3-NMeFOSAA	58.9		40 - 135	04/11/26 06:33	04/12/26 11:20	1
d7-N-MeFOSE-M	52.2		20 - 130	04/11/26 06:33	04/12/26 11:20	1
d3-NMePFOSA	41.4		10 - 130	04/11/26 06:33	04/12/26 11:20	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
Perfluorobutanesulfonic acid (PFBS)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
Perfluorooctanesulfonate (PFOS-)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
Perfluorooctanesulfonic acid (PFOS)	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
Potassium Perfluorobutane Sulfonate	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1
Potassium Perfluorooctanesulfonate	<0.197	U	0.197		ug/Kg	☼	04/11/26 06:33	04/12/26 11:20	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	75.5		40 - 135	04/11/26 06:33	04/12/26 11:20	1
13C8 PFOS	76.1		40 - 130	04/11/26 06:33	04/12/26 11:20	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0936	U	0.0936		mg/Kg			04/23/26 22:27	1

Client Sample ID: SW-4 (0.5')
Lab Sample ID: 880-70602-4
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 96.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.00928	U H	0.00928		mg/Kg		04/22/26 05:49	04/26/26 05:56	1
Phenol	<0.0186	U H	0.0186		mg/Kg		04/22/26 05:49	04/26/26 05:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	85		37 - 130	04/22/26 05:49	04/26/26 05:56	1
Nitrobenzene-d5 (Surr)	90		36 - 131	04/22/26 05:49	04/26/26 05:56	1
p-Terphenyl-d14 (Surr)	86		40 - 130	04/22/26 05:49	04/26/26 05:56	1

Client Sample Results

Client: Carmona Resources
Job ID: 880-70602-1
Project/Site: Neptune 10 State Com East CTB

Client Sample ID: SW-4 (0.5')
Lab Sample ID: 880-70602-4
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 96.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	*100*		*35 - 140*	*04/22/26 05:49*	*04/26/26 05:56*	*1*
2-Fluorophenol (Surr)	*78*		*37 - 130*	*04/22/26 05:49*	*04/26/26 05:56*	*1*
Phenol-d5 (Surr)	*72*		*37 - 130*	*04/22/26 05:49*	*04/26/26 05:56*	*1*

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<24.6	U	24.6		mg/Kg			04/13/26 22:49	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.193	U H	0.193		mg/Kg		05/08/26 14:29	05/10/26 04:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dinitrobenzene	*107*		*70 - 130*	*05/08/26 14:29*	*05/10/26 04:32*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.388	U	0.388		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.388	U	0.388		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.388	U	0.388		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.970	U	0.970		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.970	U	0.970		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
Perfluorobutanoic acid (PFBA)	<0.388	U	0.388		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
Perfluorodecanesulfonic acid (PFDS)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
Perfluorodecanoic acid (PFDA)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
Perfluorododecanesulfonic acid (PFDoS)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
Perfluorododecanoic acid (PFDoA)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1

Client Sample Results

Client: Carmona Resources
Job ID: 880-70602-1
Project/Site: Neptune 10 State Com East CTB

Client Sample ID: SW-4 (0.5')
Lab Sample ID: 880-70602-4
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 96.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanesulfonic acid (PFHpS)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
Perfluoroheptanoic acid (PFHpA)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.970	U	0.970		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
Perfluorohexanesulfonate (PFHxS-)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
Perfluorohexanesulfonic acid (PFHxS)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
Perfluorohexanoic acid (PFHxA)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
Perfluorononanesulfonic acid (PFNS)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
Perfluorononanoate (PFNA-)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
Perfluorononanoic acid (PFNA)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
Perfluorooctanesulfonamide (PFOSA)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
Perfluorooctanoate (PFOA-)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
Perfluorooctanoic acid (PFOA)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
Perfluoropentanesulfonic acid (PFPeS)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
Perfluoropentanoic acid (PFPeA)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.970	U	0.970		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.388	U	0.388		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
Perfluorotetradecanoic acid (PFTeDA)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
Perfluorotridecanoic acid (PFTrDA)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
Perfluoroundecanoic acid (PFUnA)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*74.5*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:37*	*1*
13C3-3:3 FTCA	*74.9*		*20 - 150*	*04/11/26 06:33*	*04/12/26 11:37*	*1*
13C3-5:3 FTCA	*69.1*		*20 - 150*	*04/11/26 06:33*	*04/12/26 11:37*	*1*
13C2 4:2 FTS	*63.9*		*40 - 165*	*04/11/26 06:33*	*04/12/26 11:37*	*1*
13C2 6:2 FTS	*67.4*		*40 - 215*	*04/11/26 06:33*	*04/12/26 11:37*	*1*
13C2 8:2 FTS	*58.6*		*40 - 275*	*04/11/26 06:33*	*04/12/26 11:37*	*1*
13C3 HFPO-DA	*79.0*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:37*	*1*
13C4 PFBA	*85.9*		*8 - 130*	*04/11/26 06:33*	*04/12/26 11:37*	*1*
13C6 PFDA	*74.1*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:37*	*1*
13C2 PFDoA	*78.4*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:37*	*1*
13C4 PFHpA	*88.5*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:37*	*1*
13C5 PFHxA	*81.7*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:37*	*1*
13C3 PFHxS	*78.9*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:37*	*1*
13C9 PFNA	*84.2*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:37*	*1*
13C8 PFOA	*79.4*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:37*	*1*
13C8 PFOS	*79.7*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:37*	*1*
13C5 PFPeA	*92.3*		*35 - 130*	*04/11/26 06:33*	*04/12/26 11:37*	*1*
13C2 PFTeDA	*91.6*		*20 - 130*	*04/11/26 06:33*	*04/12/26 11:37*	*1*
13C6 PFTrDA	*70.5*		*20 - 150*	*04/11/26 06:33*	*04/12/26 11:37*	*1*
13C7 PFUnA	*82.5*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:37*	*1*
d5-NEtFOSAA	*66.3*		*40 - 150*	*04/11/26 06:33*	*04/12/26 11:37*	*1*
d9-N-EtFOSE-M	*70.5*		*15 - 130*	*04/11/26 06:33*	*04/12/26 11:37*	*1*

Client Sample Results

Client: Carmona Resources
Job ID: 880-70602-1
Project/Site: Neptune 10 State Com East CTB

Client Sample ID: SW-4 (0.5') **Lab Sample ID: 880-70602-4**
Date Collected: 03/31/26 00:00 **Matrix: Solid**
Date Received: 04/07/26 09:30 **Percent Solids: 96.4**

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtPFOSA	*52.9*		*10 - 130*	*04/11/26 06:33*	*04/12/26 11:37*	*1*
d3-NMeFOSAA	*61.6*		*40 - 135*	*04/11/26 06:33*	*04/12/26 11:37*	*1*
d7-N-MeFOSE-M	*68.8*		*20 - 130*	*04/11/26 06:33*	*04/12/26 11:37*	*1*
d3-NMePFOSA	*46.6*		*10 - 130*	*04/11/26 06:33*	*04/12/26 11:37*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
Perfluorobutanesulfonic acid (PFBS)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
Perfluorooctanesulfonate (PFOS-)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
Perfluorooctanesulfonic acid (PFOS)	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
Potassium Perfluorobutane Sulfonate	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1
Potassium Perfluorooctanesulfonate	<0.194	U	0.194		ug/Kg	☼	04/11/26 06:33	04/12/26 11:37	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFBS	*75.0*		*40 - 135*	*04/11/26 06:33*	*04/12/26 11:37*	*1*
13C8 PFOS	*79.7*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:37*	*1*

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0954	U	0.0954		mg/Kg			04/23/26 22:50	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70602-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	FBP (37-130)	NBZ (36-131)	TPHd14 (40-130)	TBP (35-140)	2FP (37-130)	PHL (37-130)
880-70602-1	SW-1 (0.5')	67	73	72	81	63	56
880-70602-2	SW-2 (0.5')	88	94	96	111	78	67
880-70602-3	SW-3 (0.5')	72	73	78	95	62	55
880-70602-4	SW-4 (0.5')	85	90	86	100	78	72
LCS 860-315846/2-A	Lab Control Sample	85	90	80	96	88	81
LCSD 860-315846/3-A	Lab Control Sample Dup	88	96	82	99	89	84
MB 860-315846/1-A	Method Blank	76	80	72	66	76	69

Surrogate Legend

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
2FP = 2-Fluorophenol (Surr)
PHL = Phenol-d5 (Surr)

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	12DNB1 (70-130)
280-225963-B-10-B MS	Matrix Spike	103
280-225963-B-10-C MSD	Matrix Spike Duplicate	104
880-70602-1	SW-1 (0.5')	107
880-70602-2	SW-2 (0.5')	108
880-70602-3	SW-3 (0.5')	110
880-70602-4	SW-4 (0.5')	107
LCS 280-746678/2-A	Lab Control Sample	106
MB 280-746678/1-A	Method Blank	107

Surrogate Legend

12DNB = 1,2-Dinitrobenzene

Isotope Dilution Summary

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70602-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFOSA (40-130)	3-3:3 FTC (20-150)	3-5:3 FTC (20-150)	M242FTS (40-165)	M262FTS (40-215)	M282FTS (40-275)	HFPODA (40-130)	PFBA (8-130)
880-70602-1	SW-1 (0.5')	54.1	74.2	67.0	60.8	61.5	53.8	79.1	88.0
880-70602-2	SW-2 (0.5')	55.4	80.0	73.4	66.3	65.6	59.2	74.2	84.1
880-70602-3	SW-3 (0.5')	57.7	64.3	63.6	70.2	63.2	54.4	69.9	84.3
880-70602-4	SW-4 (0.5')	74.5	74.9	69.1	63.9	67.4	58.6	79.0	85.9
LCS 320-911306/3-A	Lab Control Sample	76.8	95.4	86.1	76.6	71.9	69.2	85.6	90.2
LCSD 320-911306/4-A	Lab Control Sample Dup	73.3	92.9	82.6	75.2	72.2	67.3	84.9	92.4
LLCS 320-911306/2-A	Lab Control Sample	79.9	93.6	96.3	78.8	75.2	69.7	88.1	91.6
MB 320-911306/1-A	Method Blank	60.8	87.2	76.3	61.8	65.5	55.7	68.7	79.8

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	C6PFDA (40-130)	PFDoA (40-130)	C4PFHA (40-130)	13C5PHA (40-130)	C3PFHS (40-130)	C9PFNA (40-130)	C8PFOA (40-130)	C8PFOS (40-130)
880-70602-1	SW-1 (0.5')	70.2	62.2	89.6	81.4	74.6	77.7	77.1	75.8
880-70602-2	SW-2 (0.5')	68.0	60.7	83.1	78.6	75.2	80.7	80.9	76.0
880-70602-3	SW-3 (0.5')	75.5	70.7	79.1	75.1	74.7	85.1	83.7	76.1
880-70602-4	SW-4 (0.5')	74.1	78.4	88.5	81.7	78.9	84.2	79.4	79.7
LCS 320-911306/3-A	Lab Control Sample	80.7	73.1	90.9	88.8	87.5	85.1	90.6	84.1
LCSD 320-911306/4-A	Lab Control Sample Dup	75.9	71.5	89.8	83.3	85.3	86.4	84.0	76.4
LLCS 320-911306/2-A	Lab Control Sample	80.0	86.2	99.3	90.2	81.8	90.1	89.0	80.5
MB 320-911306/1-A	Method Blank	65.2	60.6	77.5	76.3	68.6	70.4	72.5	64.6

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFPeA (35-130)	PFTDA (20-130)	C6PFTrDA (20-150)	13C7PUA (40-130)	d5NEFOS (40-150)	NEFM (15-130)	d5NPFSA (10-130)	d3NMFOS (40-135)
880-70602-1	SW-1 (0.5')	90.9	75.3	57.6	70.3	56.4	56.5	52.1	57.6
880-70602-2	SW-2 (0.5')	90.1	77.6	54.9	65.0	52.9	55.1	49.5	57.5
880-70602-3	SW-3 (0.5')	85.7	80.4	60.6	76.4	60.2	57.9	48.4	58.9
880-70602-4	SW-4 (0.5')	92.3	91.6	70.5	82.5	66.3	70.5	52.9	61.6
LCS 320-911306/3-A	Lab Control Sample	109	82.7	67.9	81.8	75.4	68.1	59.4	78.7
LCSD 320-911306/4-A	Lab Control Sample Dup	95.2	88.3	65.4	76.7	66.3	64.9	54.0	71.6
LLCS 320-911306/2-A	Lab Control Sample	100	92.5	76.0	89.2	75.8	71.8	52.9	73.9
MB 320-911306/1-A	Method Blank	84.5	74.7	58.2	68.1	61.3	58.2	37.0	61.5

		Percent Isotope Dilution Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	NMFM (20-130)	d3NMFSA (10-130)
880-70602-1	SW-1 (0.5')	52.0	46.5
880-70602-2	SW-2 (0.5')	51.3	46.1
880-70602-3	SW-3 (0.5')	52.2	41.4
880-70602-4	SW-4 (0.5')	68.8	46.6
LCS 320-911306/3-A	Lab Control Sample	68.6	53.6
LCSD 320-911306/4-A	Lab Control Sample Dup	59.7	48.3
LLCS 320-911306/2-A	Lab Control Sample	69.9	48.0
MB 320-911306/1-A	Method Blank	57.1	33.1

Surrogate Legend

PFOSA = 13C8 FOSA
C3-3:3 FTCA = 13C3-3:3 FTCA
C3-5:3 FTCA = 13C3-5:3 FTCA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS

Isotope Dilution Summary

Client: Carmona Resources Job ID: 880-70602-1
Project/Site: Neptune 10 State Com East CTB

HFPODA = 13C3 HFPO-DA
PFBA = 13C4 PFBA
C6PFDA = 13C6 PFDA
PFDoA = 13C2 PFDoA
C4PFHA = 13C4 PFHpA
13C5PHA = 13C5 PFHxA
C3PFHS = 13C3 PFHxS
C9PFNA = 13C9 PFNA
C8PFOA = 13C8 PFOA
C8PFOS = 13C8 PFOS
PFPeA = 13C5 PFPeA
PFTDA = 13C2 PFTeDA
C6PFTrDA = 13C6 PFTrDA
13C7PUA = 13C7 PFUnA
d5NEFOS = d5-NEtFOSAA
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFOS = d3-NMeFOSAA
NMFM = d7-N-MeFOSE-M
d3NMFSA = d3-NMePFOSA

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	C3PFBS (40-135)	C8PFOS (40-130)								
880-70602-1 - RA	SW-1 (0.5')	72.6	75.8								
880-70602-2 - RA	SW-2 (0.5')	73.2	76.0								
880-70602-3 - RA	SW-3 (0.5')	75.5	76.1								
880-70602-4 - RA	SW-4 (0.5')	75.0	79.7								
LCS 320-911306/3-A - RA	Lab Control Sample	83.7	84.1								
LCSD 320-911306/4-A - RA	Lab Control Sample Dup	79.9	76.4								
LLCS 320-911306/2-A - RA	Lab Control Sample	82.6	80.5								
MB 320-911306/1-A - RA	Method Blank	69.5	64.6								

Surrogate Legend

C3PFBS = 13C3 PFBS
C8PFOS = 13C8 PFOS

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70602-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-315846/1-A
Matrix: Solid
Analysis Batch: 317143

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 315846

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.0100	U	0.0100		mg/Kg		04/22/26 05:49	04/26/26 01:31	1
Phenol	<0.0200	U	0.0200		mg/Kg		04/22/26 05:49	04/26/26 01:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*76*		*37 - 130*	*04/22/26 05:49*	*04/26/26 01:31*	*1*
Nitrobenzene-d5 (Surr)	*80*		*36 - 131*	*04/22/26 05:49*	*04/26/26 01:31*	*1*
p-Terphenyl-d14 (Surr)	*72*		*40 - 130*	*04/22/26 05:49*	*04/26/26 01:31*	*1*
2,4,6-Tribromophenol (Surr)	*66*		*35 - 140*	*04/22/26 05:49*	*04/26/26 01:31*	*1*
2-Fluorophenol (Surr)	*76*		*37 - 130*	*04/22/26 05:49*	*04/26/26 01:31*	*1*
Phenol-d5 (Surr)	*69*		*37 - 130*	*04/22/26 05:49*	*04/26/26 01:31*	*1*

Lab Sample ID: LCS 860-315846/2-A
Matrix: Solid
Analysis Batch: 317143

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 315846

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Phenanthrene			0.100	0.08287		mg/Kg		83	50 - 130		
Phenol			0.100	0.08434	I	mg/Kg		84	45 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*85*		*37 - 130*
Nitrobenzene-d5 (Surr)	*90*		*36 - 131*
p-Terphenyl-d14 (Surr)	*80*		*40 - 130*
2,4,6-Tribromophenol (Surr)	*96*		*35 - 140*
2-Fluorophenol (Surr)	*88*		*37 - 130*
Phenol-d5 (Surr)	*81*		*37 - 130*

Lab Sample ID: LCSD 860-315846/3-A
Matrix: Solid
Analysis Batch: 317143

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 315846

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenanthrene			0.100	0.08752		mg/Kg		88	50 - 130	5	30
Phenol			0.100	0.08595	I	mg/Kg		86	45 - 130	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*88*		*37 - 130*
Nitrobenzene-d5 (Surr)	*96*		*36 - 131*
p-Terphenyl-d14 (Surr)	*82*		*40 - 130*
2,4,6-Tribromophenol (Surr)	*99*		*35 - 140*
2-Fluorophenol (Surr)	*89*		*37 - 130*
Phenol-d5 (Surr)	*84*		*37 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70602-1

Method: 8015D - Glycols- Direct Injection (GC/FID)

Lab Sample ID: MB 860-313270/1-A
Matrix: Solid
Analysis Batch: 313214

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<5.00	U	5.00		mg/Kg			04/13/26 18:34	1

Lab Sample ID: LCS 860-313270/4-A
Matrix: Solid
Analysis Batch: 313214

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diethylene glycol monobutyl ether	50.1	58.87		mg/Kg		117	70 - 135

Lab Sample ID: LCSD 860-313270/5-A
Matrix: Solid
Analysis Batch: 313214

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diethylene glycol monobutyl ether	50.1	58.80		mg/Kg		117	70 - 135	0	30

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Lab Sample ID: MB 280-746678/1-A
Matrix: Solid
Analysis Batch: 746802

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 746678

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.200	U	0.200		mg/Kg		05/08/26 14:29	05/09/26 23:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene	*107*		*70 - 130*	*05/08/26 14:29*	*05/09/26 23:46*	*1*

Lab Sample ID: LCS 280-746678/2-A
Matrix: Solid
Analysis Batch: 746802

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 746678

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Picric acid	1.00	1.069		mg/Kg		107	43 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dinitrobenzene	*106*		*70 - 130*

Lab Sample ID: 280-225963-B-10-B MS
Matrix: Solid
Analysis Batch: 746802

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 746678

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Picric acid	<0.198	U	0.933	0.9845		mg/Kg		106	43 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dinitrobenzene	*103*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70602-1

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Lab Sample ID: 280-225963-B-10-C MSD
Matrix: Solid
Analysis Batch: 746802

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 746678

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Picric acid	<0.198	U	0.951	1.010		mg/Kg		106	43 - 150	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dinitrobenzene	*104*		*70 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 320-911306/1-A
Matrix: Solid
Analysis Batch: 911347

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 911306

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.400	U	0.400		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.400	U	0.400		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.400	U	0.400		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<1.00	U	1.00		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<1.00	U	1.00		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorobutanoic acid (PFBA)	<0.400	U	0.400		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorodecanesulfonic acid (PFDS)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorodecanoic acid (PFDA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorododecanesulfonic acid (PFDoS)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorododecanoic acid (PFDoA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluoroheptanoic acid (PFHpA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<1.00	U	1.00		ug/Kg		04/11/26 06:33	04/12/26 09:23	1

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70602-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 320-911306/1-A
Matrix: Solid
Analysis Batch: 911347

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 911306

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanesulfonate (PFHxS-)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorohexanesulfonic acid (PFHxS)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorohexanoic acid (PFHxA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorononanesulfonic acid (PFNS)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorononanoate (PFNA-)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorononanoic acid (PFNA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorooctanesulfonamide (PFOSA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorooctanoate (PFOA-)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorooctanoic acid (PFOA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluoropentanesulfonic acid (PFPeS)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluoropentanoic acid (PFPeA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<1.00	U	1.00		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.400	U	0.400		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorotetradecanoic acid (PFTeDA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorotridecanoic acid (PFTrDA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluoroundecanoic acid (PFUnA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*60.8*		*40 - 130*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C3-3:3 FTCA	*87.2*		*20 - 150*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C3-5:3 FTCA	*76.3*		*20 - 150*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C2 4:2 FTS	*61.8*		*40 - 165*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C2 6:2 FTS	*65.5*		*40 - 215*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C2 8:2 FTS	*55.7*		*40 - 275*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C3 HFPO-DA	*68.7*		*40 - 130*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C4 PFBA	*79.8*		*8 - 130*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C6 PFDA	*65.2*		*40 - 130*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C2 PFDoA	*60.6*		*40 - 130*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C4 PFHpA	*77.5*		*40 - 130*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C5 PFHxA	*76.3*		*40 - 130*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C3 PFHxS	*68.6*		*40 - 130*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C9 PFNA	*70.4*		*40 - 130*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C8 PFOA	*72.5*		*40 - 130*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C8 PFOS	*64.6*		*40 - 130*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C5 PFPeA	*84.5*		*35 - 130*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C2 PFTeDA	*74.7*		*20 - 130*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C6 PFTrDA	*58.2*		*20 - 150*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C7 PFUnA	*68.1*		*40 - 130*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
d5-NEtFOSAA	*61.3*		*40 - 150*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
d9-N-EtFOSE-M	*58.2*		*15 - 130*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
d5-NEtPFOSA	*37.0*		*10 - 130*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
d3-NMeFOSAA	*61.5*		*40 - 135*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
d7-N-MeFOSE-M	*57.1*		*20 - 130*	*04/11/26 06:33*	*04/12/26 09:23*	*1*

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70602-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 320-911306/1-A
Matrix: Solid
Analysis Batch: 911347

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 911306

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
d3-NMePFOSA	33.1		10 - 130	04/11/26 06:33	04/12/26 09:23	1

Lab Sample ID: LCS 320-911306/3-A
Matrix: Solid
Analysis Batch: 911347

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911306

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.36	1.953		ug/Kg		83	45 - 160
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.34	2.127		ug/Kg		91	70 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.534		ug/Kg		107	70 - 160
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	2.000		ug/Kg		107	70 - 145
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.903		ug/Kg		102	70 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.598		ug/Kg		98	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.791		ug/Kg		101	55 - 200
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.542		ug/Kg		102	70 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.497		ug/Kg		100	65 - 165
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	12.54		ug/Kg		100	70 - 135
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.673		ug/Kg		107	70 - 155
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.604		ug/Kg		104	65 - 155
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	12.65		ug/Kg		101	70 - 140
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	2.491		ug/Kg		100	60 - 155
Perfluorobutanoic acid (PFBA)	5.00	4.833		ug/Kg		97	70 - 140
Perfluorodecanesulfonic acid (PFDS)	2.41	1.943		ug/Kg		81	30 - 140
Perfluorodecanoic acid (PFDA)	2.50	2.589		ug/Kg		104	70 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.43	2.222		ug/Kg		92	25 - 160
Perfluorododecanoic acid (PFDoA)	2.50	2.648		ug/Kg		106	70 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.23	2.411		ug/Kg		108	70 - 140
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.574		ug/Kg		108	65 - 155
Perfluoroheptanoic acid (PFHpA)	2.50	2.548		ug/Kg		102	65 - 145
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	12.5	12.36		ug/Kg		99	60 - 150
Perfluorohexanesulfonate (PFHxS-)	2.27	2.084		ug/Kg			-

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70602-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 320-911306/3-A
Matrix: Solid
Analysis Batch: 911347

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911306

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.090		ug/Kg		92	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.412		ug/Kg		96	65 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	1.994		ug/Kg		80	60 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.065		ug/Kg		83	30 - 140
Perfluorononanesulfonic acid (PFNS)	2.41	2.274		ug/Kg		95	55 - 140
Perfluorononanoate (PFNA-)	2.49	2.592		ug/Kg			-
Perfluorononanoic acid (PFNA)	2.50	2.598		ug/Kg		104	70 - 155
Perfluorooctanesulfonamide (PFOSA)	2.50	2.530		ug/Kg		101	70 - 140
Perfluorooctanoate (PFOA-)	2.49	2.404		ug/Kg			-
Perfluorooctanoic acid (PFOA)	2.50	2.410		ug/Kg		96	70 - 150
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.165		ug/Kg		92	55 - 160
Perfluoropentanoic acid (PFPeA)	2.50	2.077		ug/Kg		83	60 - 150
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.5	12.55		ug/Kg		100	60 - 130
3-Perfluoropropylpropanoic acid (3:3 FTCA)	5.00	4.735		ug/Kg		95	45 - 130
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.005		ug/Kg		80	65 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.336		ug/Kg		93	65 - 150
Perfluoroundecanoic acid (PFUnA)	2.50	3.046		ug/Kg		122	70 - 155

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C8 FOSA	*76.8*		*40 - 130*
13C3-3:3 FTCA	*95.4*		*20 - 150*
13C3-5:3 FTCA	*86.1*		*20 - 150*
13C2 4:2 FTS	*76.6*		*40 - 165*
13C2 6:2 FTS	*71.9*		*40 - 215*
13C2 8:2 FTS	*69.2*		*40 - 275*
13C3 HFPO-DA	*85.6*		*40 - 130*
13C4 PFBA	*90.2*		*8 - 130*
13C6 PFDA	*80.7*		*40 - 130*
13C2 PFDoA	*73.1*		*40 - 130*
13C4 PFHpA	*90.9*		*40 - 130*
13C5 PFHxA	*88.8*		*40 - 130*
13C3 PFHxS	*87.5*		*40 - 130*
13C9 PFNA	*85.1*		*40 - 130*
13C8 PFOA	*90.6*		*40 - 130*
13C8 PFOS	*84.1*		*40 - 130*
13C5 PFPeA	*109*		*35 - 130*
13C2 PFTeDA	*82.7*		*20 - 130*
13C6 PFTrDA	*67.9*		*20 - 150*
13C7 PFUnA	*81.8*		*40 - 130*
d5-NEtFOSAA	*75.4*		*40 - 150*

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70602-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 320-911306/3-A
Matrix: Solid
Analysis Batch: 911347

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911306

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
d9-N-EtFOSE-M	68.1		15 - 130
d5-NEtPFOSA	59.4		10 - 130
d3-NMeFOSAA	78.7		40 - 135
d7-N-MeFOSE-M	68.6		20 - 130
d3-NMePFOSA	53.6		10 - 130

Lab Sample ID: LCSD 320-911306/4-A
Matrix: Solid
Analysis Batch: 911347

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 911306

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.36	2.022		ug/Kg		86	45 - 160	3	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.34	2.238		ug/Kg		96	70 - 150	5	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)			2.37	2.518		ug/Kg		106	70 - 160	1	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)			1.88	2.037		ug/Kg		109	70 - 145	2	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)			4.80	5.214		ug/Kg		109	70 - 150	6	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)			4.69	5.193		ug/Kg		111	60 - 150	12	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)			4.76	5.189		ug/Kg		109	55 - 200	8	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)			2.50	2.652		ug/Kg		106	70 - 140	4	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)			2.50	2.519		ug/Kg		101	65 - 165	1	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)			12.5	12.72		ug/Kg		102	70 - 135	1	30
N-methylperfluorooctane sulfonamide (NMeFOSA)			2.50	2.701		ug/Kg		108	70 - 155	1	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)			2.50	2.724		ug/Kg		109	65 - 155	4	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)			12.5	12.76		ug/Kg		102	70 - 140	1	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			2.50	2.686		ug/Kg		107	60 - 155	8	30
Perfluorobutanoic acid (PFBA)			5.00	5.077		ug/Kg		102	70 - 140	5	30
Perfluorodecanesulfonic acid (PFDS)			2.41	2.124		ug/Kg		88	30 - 140	9	30
Perfluorodecanoic acid (PFDA)			2.50	2.766		ug/Kg		111	70 - 155	7	30
Perfluorododecanesulfonic acid (PFDoS)			2.43	2.358		ug/Kg		97	25 - 160	6	30
Perfluorododecanoic acid (PFDoA)			2.50	2.597		ug/Kg		104	70 - 150	2	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.23	2.589		ug/Kg		116	70 - 140	7	30
Perfluoroheptanesulfonic acid (PFHpS)			2.39	2.909		ug/Kg		122	65 - 155	12	30
Perfluoroheptanoic acid (PFHpA)			2.50	2.449		ug/Kg		98	65 - 145	4	30

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70602-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 320-911306/4-A
Matrix: Solid
Analysis Batch: 911347

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 911306

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	13.32		ug/Kg		107	60 - 150	7	30
Perfluorohexanesulfonate (PFHxS-)			2.27	2.235		ug/Kg			-		
Perfluorohexanesulfonic acid (PFHxS)			2.28	2.240		ug/Kg		98	60 - 150	7	30
Perfluorohexanoic acid (PFHxA)			2.50	2.441		ug/Kg		98	65 - 140	1	30
Perfluoro-4-methoxybutanoic acid (PFMBA)			2.50	2.564		ug/Kg		103	60 - 150	25	30
Perfluoro-3-methoxypropanoic acid (PFMPA)			2.50	2.374		ug/Kg		95	30 - 140	14	30
Perfluorononanesulfonic acid (PFNS)			2.41	2.435		ug/Kg		101	55 - 140	7	30
Perfluorononanoate (PFNA-)			2.49	2.403		ug/Kg			-		
Perfluorononanoic acid (PFNA)			2.50	2.408		ug/Kg		96	70 - 155	8	30
Perfluorooctanesulfonamide (PFOSA)			2.50	2.536		ug/Kg		101	70 - 140	0	30
Perfluorooctanoate (PFOA-)			2.49	2.688		ug/Kg			-		
Perfluorooctanoic acid (PFOA)			2.50	2.694		ug/Kg		108	70 - 150	11	30
Perfluoropentanesulfonic acid (PFPeS)			2.35	2.253		ug/Kg		96	55 - 160	4	30
Perfluoropentanoic acid (PFPeA)			2.50	2.478		ug/Kg		99	60 - 150	18	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.5	12.43		ug/Kg		99	60 - 130	1	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)			5.00	4.579		ug/Kg		92	45 - 130	3	30
Perfluorotetradecanoic acid (PFTeDA)			2.50	2.220		ug/Kg		89	65 - 150	10	30
Perfluorotridecanoic acid (PFTrDA)			2.50	2.586		ug/Kg		103	65 - 150	10	30
Perfluoroundecanoic acid (PFUnA)			2.50	3.248		ug/Kg		130	70 - 155	6	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C8 FOSA	*73.3*		*40 - 130*
13C3-3:3 FTCA	*92.9*		*20 - 150*
13C3-5:3 FTCA	*82.6*		*20 - 150*
13C2 4:2 FTS	*75.2*		*40 - 165*
13C2 6:2 FTS	*72.2*		*40 - 215*
13C2 8:2 FTS	*67.3*		*40 - 275*
13C3 HFPO-DA	*84.9*		*40 - 130*
13C4 PFBA	*92.4*		*8 - 130*
13C6 PFDA	*75.9*		*40 - 130*
13C2 PFDoA	*71.5*		*40 - 130*
13C4 PFHpA	*89.8*		*40 - 130*
13C5 PFHxA	*83.3*		*40 - 130*
13C3 PFHxS	*85.3*		*40 - 130*
13C9 PFNA	*86.4*		*40 - 130*
13C8 PFOA	*84.0*		*40 - 130*
13C8 PFOS	*76.4*		*40 - 130*
13C5 PFPeA	*95.2*		*35 - 130*
13C2 PFTeDA	*88.3*		*20 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70602-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 320-911306/4-A
Matrix: Solid
Analysis Batch: 911347

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 911306

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C6 PFTrDA	65.4		20 - 150
13C7 PFUnA	76.7		40 - 130
d5-NEtFOSAA	66.3		40 - 150
d9-N-EtFOSE-M	64.9		15 - 130
d5-NEtPFOSA	54.0		10 - 130
d3-NMeFOSAA	71.6		40 - 135
d7-N-MeFOSE-M	59.7		20 - 130
d3-NMePFOSA	48.3		10 - 130

Lab Sample ID: LLCS 320-911306/2-A
Matrix: Solid
Analysis Batch: 911347

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911306

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.378	0.3591		ug/Kg		95	45 - 160
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.374	0.3411		ug/Kg		91	70 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.378	0.4165		ug/Kg		110	70 - 160
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.300	0.3164		ug/Kg		105	70 - 145
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.768	0.8197		ug/Kg		107	70 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.750	0.8017		ug/Kg		107	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.762	0.7619		ug/Kg		100	55 - 200
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.400	0.3943		ug/Kg		99	70 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.400	0.4324		ug/Kg		108	65 - 165
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	2.00	2.095		ug/Kg		105	70 - 135
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.400	0.4809		ug/Kg		120	70 - 155
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.400	0.5156		ug/Kg		129	65 - 155
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	2.00	2.130		ug/Kg		106	70 - 140
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.400	0.4718		ug/Kg		118	60 - 155
Perfluorobutanoic acid (PFBA)	0.800	0.8560		ug/Kg		107	70 - 140
Perfluorodecanesulfonic acid (PFDS)	0.386	0.3535		ug/Kg		92	30 - 140
Perfluorodecanoic acid (PFDA)	0.400	0.4788		ug/Kg		120	70 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.388	0.4053		ug/Kg		104	25 - 160
Perfluorododecanoic acid (PFDoA)	0.400	0.4385		ug/Kg		110	70 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.357	0.3755		ug/Kg		105	70 - 140

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70602-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 320-911306/2-A
Matrix: Solid
Analysis Batch: 911347

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911306

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroheptanesulfonic acid (PFHpS)	0.382	0.4532		ug/Kg		119	65 - 155
Perfluoroheptanoic acid (PFHpA)	0.400	0.3922		ug/Kg		98	65 - 145
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	2.00	2.257		ug/Kg		113	60 - 150
Perfluorohexanesulfonate (PFHxS-)	0.364	0.3871		ug/Kg			-
Perfluorohexanesulfonic acid (PFHxS)	0.365	0.3880		ug/Kg		106	60 - 150
Perfluorohexanoic acid (PFHxA)	0.400	0.3700		ug/Kg		93	65 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.400	0.4028		ug/Kg		101	60 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.400	0.4262		ug/Kg		107	30 - 140
Perfluorononanesulfonic acid (PFNS)	0.385	0.3981		ug/Kg		103	55 - 140
Perfluorononanoate (PFNA-)	0.399	0.4475		ug/Kg			-
Perfluorononanoic acid (PFNA)	0.400	0.4484		ug/Kg		112	70 - 155
Perfluorooctanesulfonamide (PFOSA)	0.400	0.4349		ug/Kg		109	70 - 140
Perfluorooctanoate (PFOA-)	0.399	0.4485		ug/Kg			-
Perfluorooctanoic acid (PFOA)	0.400	0.4496		ug/Kg		112	70 - 150
Perfluoropentanesulfonic acid (PFPeS)	0.376	0.3534		ug/Kg		94	55 - 160
Perfluoropentanoic acid (PFPeA)	0.400	0.4115		ug/Kg		103	60 - 150
3-Perfluoropentylpropanoic acid (5:3 FTCA)	2.00	1.907		ug/Kg		95	60 - 130
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.800	0.8507		ug/Kg		106	45 - 130
Perfluorotetradecanoic acid (PFTeDA)	0.400	0.3399		ug/Kg		85	65 - 150
Perfluorotridecanoic acid (PFTrDA)	0.400	0.4003		ug/Kg		100	65 - 150
Perfluoroundecanoic acid (PFUnA)	0.400	0.5727		ug/Kg		143	70 - 155

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C8 FOSA	*79.9*		*40 - 130*
13C3-3:3 FTCA	*93.6*		*20 - 150*
13C3-5:3 FTCA	*96.3*		*20 - 150*
13C2 4:2 FTS	*78.8*		*40 - 165*
13C2 6:2 FTS	*75.2*		*40 - 215*
13C2 8:2 FTS	*69.7*		*40 - 275*
13C3 HFPO-DA	*88.1*		*40 - 130*
13C4 PFBA	*91.6*		*8 - 130*
13C6 PFDA	*80.0*		*40 - 130*
13C2 PFDoA	*86.2*		*40 - 130*
13C4 PFHpA	*99.3*		*40 - 130*
13C5 PFHxA	*90.2*		*40 - 130*
13C3 PFHxS	*81.8*		*40 - 130*
13C9 PFNA	*90.1*		*40 - 130*
13C8 PFOA	*89.0*		*40 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70602-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 320-911306/2-A
Matrix: Solid
Analysis Batch: 911347

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911306

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
13C8 PFOS	80.5		40 - 130
13C5 PFPeA	100		35 - 130
13C2 PFTeDA	92.5		20 - 130
13C6 PFTrDA	76.0		20 - 150
13C7 PFUnA	89.2		40 - 130
d5-NEtFOSAA	75.8		40 - 150
d9-N-EtFOSE-M	71.8		15 - 130
d5-NEtPFOSA	52.9		10 - 130
d3-NMeFOSAA	73.9		40 - 135
d7-N-MeFOSE-M	69.9		20 - 130
d3-NMePFOSA	48.0		10 - 130

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Lab Sample ID: MB 320-911306/1-A
Matrix: Solid
Analysis Batch: 919045

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 911306

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-) - RA	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorobutanesulfonic acid (PFBS) - RA	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorooctanesulfonate (PFOS-) - RA	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorooctanesulfonic acid (PFOS) - RA	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Potassium Perfluorobutane Sulfonate - RA	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Potassium Perfluorooctanesulfonate - RA	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS - RA	69.5		40 - 135	04/11/26 06:33	04/12/26 09:23	1
13C8 PFOS - RA	64.6		40 - 130	04/11/26 06:33	04/12/26 09:23	1

Lab Sample ID: LCS 320-911306/3-A
Matrix: Solid
Analysis Batch: 919045

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911306

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanesulfonate (PFBS-) - RA	2.21	2.142		ug/Kg		97	65 - 145
Perfluorobutanesulfonic acid (PFBS) - RA	2.22	2.149		ug/Kg		97	65 - 145
Perfluorooctanesulfonate (PFOS-) - RA	2.32	2.188		ug/Kg		94	65 - 160
Perfluorooctanesulfonic acid (PFOS) - RA	2.33	2.192		ug/Kg		94	65 - 160
Potassium Perfluorobutane Sulfonate - RA	2.51	2.430		ug/Kg		97	65 - 145

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70602-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA (Continued)

Lab Sample ID: LCS 320-911306/3-A
Matrix: Solid
Analysis Batch: 919045

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911306

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Potassium Perfluorooctanesulfonate - RA			2.51	2.364		ug/Kg		94	65 - 160		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C3 PFBS - RA	*83.7*		*40 - 135*
13C8 PFOS - RA	*84.1*		*40 - 130*

Lab Sample ID: LCSD 320-911306/4-A
Matrix: Solid
Analysis Batch: 919045

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 911306

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanesulfonate (PFBS-) - RA			2.21	2.335		ug/Kg		106	65 - 145	9	30
Perfluorobutanesulfonic acid (PFBS) - RA			2.22	2.342		ug/Kg		106	65 - 145	9	30
Perfluorooctanesulfonate (PFOS-) - RA			2.32	2.373		ug/Kg		102	65 - 160	8	30
Perfluorooctanesulfonic acid (PFOS) - RA			2.33	2.377		ug/Kg		102	65 - 160	8	30
Potassium Perfluorobutane Sulfonate - RA			2.51	2.649		ug/Kg		106	65 - 145	9	30
Potassium Perfluorooctanesulfonate - RA			2.51	2.564		ug/Kg		102	65 - 160	8	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C3 PFBS - RA	*79.9*		*40 - 135*
13C8 PFOS - RA	*76.4*		*40 - 130*

Lab Sample ID: LLCS 320-911306/2-A
Matrix: Solid
Analysis Batch: 919045

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911306

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Perfluorobutanesulfonate (PFBS-) - RA			0.354	0.3381		ug/Kg		95	65 - 145		
Perfluorobutanesulfonic acid (PFBS) - RA			0.355	0.3391		ug/Kg		95	65 - 145		
Perfluorooctanesulfonate (PFOS-) - RA			0.371	0.3836		ug/Kg		103	65 - 160		
Perfluorooctanesulfonic acid (PFOS) - RA			0.372	0.3843		ug/Kg		103	65 - 160		
Potassium Perfluorobutane Sulfonate - RA			0.402	0.3835		ug/Kg		95	65 - 145		
Potassium Perfluorooctanesulfonate - RA			0.401	0.4144		ug/Kg		103	65 - 160		

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C3 PFBS - RA	*82.6*		*40 - 135*
13C8 PFOS - RA	*80.5*		*40 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70602-1

Method: 9066 - Phenolics, Total Recoverable

Lab Sample ID: MB 860-316999/1-A
Matrix: Solid
Analysis Batch: 317009

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total	<0.100	U	0.100		mg/Kg			04/23/26 19:11	1

Lab Sample ID: MB 860-316999/62-A
Matrix: Solid
Analysis Batch: 317009

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total	<0.100	U	0.100		mg/Kg			04/23/26 22:41	1

Lab Sample ID: LCS 860-316999/2-A
Matrix: Solid
Analysis Batch: 317009

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenols, Total	1.00	0.9760		mg/Kg		98	90 - 110

Lab Sample ID: LCS 860-316999/63-A
Matrix: Solid
Analysis Batch: 317009

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenols, Total	1.00	0.9720		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 860-316999/3-A
Matrix: Solid
Analysis Batch: 317009

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenols, Total	1.00	0.9850		mg/Kg		99	90 - 110	1	20

Lab Sample ID: LCSD 860-316999/64-A
Matrix: Solid
Analysis Batch: 317009

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenols, Total	1.00	0.9000		mg/Kg		90	90 - 110	8	20

Lab Sample ID: 880-70602-4 MS
Matrix: Solid
Analysis Batch: 317009

Client Sample ID: SW-4 (0.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Phenols, Total	<0.0954	U	0.988	0.9891		mg/Kg		100	90 - 110

Lab Sample ID: 880-70602-4 MSD
Matrix: Solid
Analysis Batch: 317009

Client Sample ID: SW-4 (0.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenols, Total	<0.0954	U	0.988	1.059		mg/Kg		107	90 - 110	7	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70602-1

GC/MS Semi VOA

Prep Batch: 315846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70602-1	SW-1 (0.5')	Total/NA	Solid	3546	
880-70602-2	SW-2 (0.5')	Total/NA	Solid	3546	
880-70602-3	SW-3 (0.5')	Total/NA	Solid	3546	
880-70602-4	SW-4 (0.5')	Total/NA	Solid	3546	
MB 860-315846/1-A	Method Blank	Total/NA	Solid	3546	
LCS 860-315846/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 860-315846/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Analysis Batch: 317143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70602-1	SW-1 (0.5')	Total/NA	Solid	8270E	315846
880-70602-2	SW-2 (0.5')	Total/NA	Solid	8270E	315846
880-70602-3	SW-3 (0.5')	Total/NA	Solid	8270E	315846
880-70602-4	SW-4 (0.5')	Total/NA	Solid	8270E	315846
MB 860-315846/1-A	Method Blank	Total/NA	Solid	8270E	315846
LCS 860-315846/2-A	Lab Control Sample	Total/NA	Solid	8270E	315846
LCSD 860-315846/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	315846

GC Semi VOA

Analysis Batch: 313214

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70602-1	SW-1 (0.5')	Soluble	Solid	8015D	313270
880-70602-2	SW-2 (0.5')	Soluble	Solid	8015D	313270
880-70602-3	SW-3 (0.5')	Soluble	Solid	8015D	313270
880-70602-4	SW-4 (0.5')	Soluble	Solid	8015D	313270
MB 860-313270/1-A	Method Blank	Soluble	Solid	8015D	313270
LCS 860-313270/4-A	Lab Control Sample	Soluble	Solid	8015D	313270
LCSD 860-313270/5-A	Lab Control Sample Dup	Soluble	Solid	8015D	313270

Leach Batch: 313270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70602-1	SW-1 (0.5')	Soluble	Solid	DI Leach	
880-70602-2	SW-2 (0.5')	Soluble	Solid	DI Leach	
880-70602-3	SW-3 (0.5')	Soluble	Solid	DI Leach	
880-70602-4	SW-4 (0.5')	Soluble	Solid	DI Leach	
MB 860-313270/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 860-313270/4-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 860-313270/5-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

HPLC/IC

Prep Batch: 746678

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70602-1	SW-1 (0.5')	Total/NA	Solid	8330B	
880-70602-2	SW-2 (0.5')	Total/NA	Solid	8330B	
880-70602-3	SW-3 (0.5')	Total/NA	Solid	8330B	
880-70602-4	SW-4 (0.5')	Total/NA	Solid	8330B	
MB 280-746678/1-A	Method Blank	Total/NA	Solid	8330B	
LCS 280-746678/2-A	Lab Control Sample	Total/NA	Solid	8330B	
280-225963-B-10-B MS	Matrix Spike	Total/NA	Solid	8330B	
280-225963-B-10-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8330B	

QC Association Summary

Client: Carmona Resources
Job ID: 880-70602-1
Project/Site: Neptune 10 State Com East CTB

HPLC/IC

Analysis Batch: 746802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70602-1	SW-1 (0.5')	Total/NA	Solid	8330B	746678
880-70602-2	SW-2 (0.5')	Total/NA	Solid	8330B	746678
880-70602-3	SW-3 (0.5')	Total/NA	Solid	8330B	746678
880-70602-4	SW-4 (0.5')	Total/NA	Solid	8330B	746678
MB 280-746678/1-A	Method Blank	Total/NA	Solid	8330B	746678
LCS 280-746678/2-A	Lab Control Sample	Total/NA	Solid	8330B	746678
280-225963-B-10-B MS	Matrix Spike	Total/NA	Solid	8330B	746678
280-225963-B-10-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8330B	746678

LCMS

Prep Batch: 911306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70602-1 - RA	SW-1 (0.5')	Total/NA	Solid	1633A	
880-70602-1	SW-1 (0.5')	Total/NA	Solid	1633A	
880-70602-2 - RA	SW-2 (0.5')	Total/NA	Solid	1633A	
880-70602-2	SW-2 (0.5')	Total/NA	Solid	1633A	
880-70602-3 - RA	SW-3 (0.5')	Total/NA	Solid	1633A	
880-70602-3	SW-3 (0.5')	Total/NA	Solid	1633A	
880-70602-4 - RA	SW-4 (0.5')	Total/NA	Solid	1633A	
880-70602-4	SW-4 (0.5')	Total/NA	Solid	1633A	
MB 320-911306/1-A - RA	Method Blank	Total/NA	Solid	1633A	
MB 320-911306/1-A	Method Blank	Total/NA	Solid	1633A	
LCS 320-911306/3-A - RA	Lab Control Sample	Total/NA	Solid	1633A	
LCS 320-911306/3-A	Lab Control Sample	Total/NA	Solid	1633A	
LCSD 320-911306/4-A - RA	Lab Control Sample Dup	Total/NA	Solid	1633A	
LCSD 320-911306/4-A	Lab Control Sample Dup	Total/NA	Solid	1633A	
LLCS 320-911306/2-A - RA	Lab Control Sample	Total/NA	Solid	1633A	
LLCS 320-911306/2-A	Lab Control Sample	Total/NA	Solid	1633A	

Analysis Batch: 911347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70602-1	SW-1 (0.5')	Total/NA	Solid	1633A	911306
880-70602-2	SW-2 (0.5')	Total/NA	Solid	1633A	911306
880-70602-3	SW-3 (0.5')	Total/NA	Solid	1633A	911306
880-70602-4	SW-4 (0.5')	Total/NA	Solid	1633A	911306
MB 320-911306/1-A	Method Blank	Total/NA	Solid	1633A	911306
LCS 320-911306/3-A	Lab Control Sample	Total/NA	Solid	1633A	911306
LCSD 320-911306/4-A	Lab Control Sample Dup	Total/NA	Solid	1633A	911306
LLCS 320-911306/2-A	Lab Control Sample	Total/NA	Solid	1633A	911306

Analysis Batch: 919045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70602-1 - RA	SW-1 (0.5')	Total/NA	Solid	1633A	911306
880-70602-2 - RA	SW-2 (0.5')	Total/NA	Solid	1633A	911306
880-70602-3 - RA	SW-3 (0.5')	Total/NA	Solid	1633A	911306
880-70602-4 - RA	SW-4 (0.5')	Total/NA	Solid	1633A	911306
MB 320-911306/1-A - RA	Method Blank	Total/NA	Solid	1633A	911306
LCS 320-911306/3-A - RA	Lab Control Sample	Total/NA	Solid	1633A	911306
LCSD 320-911306/4-A - RA	Lab Control Sample Dup	Total/NA	Solid	1633A	911306
LLCS 320-911306/2-A - RA	Lab Control Sample	Total/NA	Solid	1633A	911306

QC Association Summary

Client: Carmona Resources
Job ID: 880-70602-1
Project/Site: Neptune 10 State Com East CTB

General Chemistry

Leach Batch: 316999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70602-1	SW-1 (0.5')	Soluble	Solid	DI Leach	
880-70602-2	SW-2 (0.5')	Soluble	Solid	DI Leach	
880-70602-3	SW-3 (0.5')	Soluble	Solid	DI Leach	
880-70602-4	SW-4 (0.5')	Soluble	Solid	DI Leach	
MB 860-316999/1-A	Method Blank	Soluble	Solid	DI Leach	
MB 860-316999/62-A	Method Blank	Soluble	Solid	DI Leach	
LCS 860-316999/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCS 860-316999/63-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 860-316999/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
LCSD 860-316999/64-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-70602-4 MS	SW-4 (0.5')	Soluble	Solid	DI Leach	
880-70602-4 MSD	SW-4 (0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 317009

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70602-1	SW-1 (0.5')	Soluble	Solid	9066	316999
880-70602-2	SW-2 (0.5')	Soluble	Solid	9066	316999
880-70602-3	SW-3 (0.5')	Soluble	Solid	9066	316999
880-70602-4	SW-4 (0.5')	Soluble	Solid	9066	316999
MB 860-316999/1-A	Method Blank	Soluble	Solid	9066	316999
MB 860-316999/62-A	Method Blank	Soluble	Solid	9066	316999
LCS 860-316999/2-A	Lab Control Sample	Soluble	Solid	9066	316999
LCS 860-316999/63-A	Lab Control Sample	Soluble	Solid	9066	316999
LCSD 860-316999/3-A	Lab Control Sample Dup	Soluble	Solid	9066	316999
LCSD 860-316999/64-A	Lab Control Sample Dup	Soluble	Solid	9066	316999
880-70602-4 MS	SW-4 (0.5')	Soluble	Solid	9066	316999
880-70602-4 MSD	SW-4 (0.5')	Soluble	Solid	9066	316999

Analysis Batch: 910957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70602-1	SW-1 (0.5')	Total/NA	Solid	1633	
880-70602-2	SW-2 (0.5')	Total/NA	Solid	1633	
880-70602-3	SW-3 (0.5')	Total/NA	Solid	1633	
880-70602-4	SW-4 (0.5')	Total/NA	Solid	1633	
880-70601-A-20 DU	Duplicate	Total/NA	Solid	1633	

Lab Chronicle

Client: Carmona Resources
Job ID: 880-70602-1
Project/Site: Neptune 10 State Com East CTB

Client Sample ID: SW-1 (0.5')
Lab Sample ID: 880-70602-1
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.37 g	5 mL	315846	04/22/26 05:49	TH	EET HOU
Total/NA	Analysis	8270E		1	1 MJ/Kg	1 MJ/Kg	317143	04/26/26 04:57	EM	EET HOU
Soluble	Leach	DI Leach			10.0 g	10 mL	313270	04/13/26 14:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	313214	04/13/26 21:56	SP	EET HOU
Total/NA	Prep	8330B			10.29 g	40 mL	746678	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	746802	05/10/26 03:04	JZ	EET DEN
Total/NA	Analysis	1633		1			910957	04/09/26 10:52	JCB	EET SAC
Soluble	Leach	DI Leach			5.23 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 22:21	AK	EET HOU

Client Sample ID: SW-1 (0.5')
Lab Sample ID: 880-70602-1
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 95.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A	RA		2.18 g	5.0 mL	911306	04/11/26 06:33	F1D	EET SAC
Total/NA	Analysis	1633A	RA	1			919045	04/12/26 10:47	SEY	EET SAC
Total/NA	Prep	1633A			2.18 g	5.0 mL	911306	04/11/26 06:33	F1D	EET SAC
Total/NA	Analysis	1633A		1			911347	04/12/26 10:47	JRB	EET SAC

Client Sample ID: SW-2 (0.5')
Lab Sample ID: 880-70602-2
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.84 g	5 mL	315846	04/22/26 05:49	TH	EET HOU
Total/NA	Analysis	8270E		1	1 MJ/Kg	1 MJ/Kg	317143	04/26/26 07:54	EM	EET HOU
Soluble	Leach	DI Leach			10.4 g	10 mL	313270	04/13/26 14:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	313214	04/13/26 22:14	SP	EET HOU
Total/NA	Prep	8330B			10.53 g	40 mL	746678	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	746802	05/10/26 03:48	JZ	EET DEN
Total/NA	Analysis	1633		1			910957	04/09/26 10:52	JCB	EET SAC
Soluble	Leach	DI Leach			5.25 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 22:24	AK	EET HOU

Client Sample ID: SW-2 (0.5')
Lab Sample ID: 880-70602-2
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 96.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A	RA		2.16 g	5.0 mL	911306	04/11/26 06:33	F1D	EET SAC
Total/NA	Analysis	1633A	RA	1			919045	04/12/26 11:03	SEY	EET SAC
Total/NA	Prep	1633A			2.16 g	5.0 mL	911306	04/11/26 06:33	F1D	EET SAC
Total/NA	Analysis	1633A		1			911347	04/12/26 11:03	JRB	EET SAC

Lab Chronicle

Client: Carmona Resources
Job ID: 880-70602-1
Project/Site: Neptune 10 State Com East CTB

Client Sample ID: SW-3 (0.5')
Lab Sample ID: 880-70602-3
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.2 g	5 mL	315846	04/22/26 05:49	TH	EET HOU
Total/NA	Analysis	8270E		1	1 MJ/Kg	1 MJ/Kg	317143	04/26/26 06:26	EM	EET HOU
Soluble	Leach	DI Leach			10.09 g	10 mL	313270	04/13/26 14:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	313214	04/13/26 22:31	SP	EET HOU
Total/NA	Prep	8330B			10.40 g	40 mL	746678	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	746802	05/10/26 04:10	JZ	EET DEN
Total/NA	Analysis	1633		1			910957	04/09/26 10:52	JCB	EET SAC
Soluble	Leach	DI Leach			5.34 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 22:27	AK	EET HOU

Client Sample ID: SW-3 (0.5')
Lab Sample ID: 880-70602-3
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 96.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A	RA		2.11 g	5.0 mL	911306	04/11/26 06:33	F1D	EET SAC
Total/NA	Analysis	1633A	RA	1			919045	04/12/26 11:20	SEY	EET SAC
Total/NA	Prep	1633A			2.11 g	5.0 mL	911306	04/11/26 06:33	F1D	EET SAC
Total/NA	Analysis	1633A		1			911347	04/12/26 11:20	JRB	EET SAC

Client Sample ID: SW-4 (0.5')
Lab Sample ID: 880-70602-4
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.39 g	5 mL	315846	04/22/26 05:49	TH	EET HOU
Total/NA	Analysis	8270E		1	1 MJ/Kg	1 MJ/Kg	317143	04/26/26 05:56	EM	EET HOU
Soluble	Leach	DI Leach			10.15 g	10 mL	313270	04/13/26 14:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	313214	04/13/26 22:49	SP	EET HOU
Total/NA	Prep	8330B			10.37 g	40 mL	746678	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	746802	05/10/26 04:32	JZ	EET DEN
Total/NA	Analysis	1633		1			910957	04/09/26 10:52	JCB	EET SAC
Soluble	Leach	DI Leach			5.24 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 22:50	AK	EET HOU

Client Sample ID: SW-4 (0.5')
Lab Sample ID: 880-70602-4
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 96.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A	RA		2.14 g	5.0 mL	911306	04/11/26 06:33	F1D	EET SAC
Total/NA	Analysis	1633A	RA	1			919045	04/12/26 11:37	SEY	EET SAC
Total/NA	Prep	1633A			2.14 g	5.0 mL	911306	04/11/26 06:33	F1D	EET SAC
Total/NA	Analysis	1633A		1			911347	04/12/26 11:37	JRB	EET SAC

Lab Chronicle

Client: Carmona Resources
Job ID: 880-70602-1
Project/Site: Neptune 10 State Com East CTB

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: Carmona Resources
Job ID: 880-70602-1
Project/Site: Neptune 10 State Com East CTB

Laboratory: Eurofins Denver

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	2907.01	10-31-26
A2LA	ISO/IEC 17025	2907.01	10-31-26
Alaska (UST)	State	18-001	11-30-26
Arizona	State	AZ0713	12-20-26
Arkansas DEQ	State	88-00687	04-01-27
California	State	2513	01-08-27
Colorado	Petroleum Storage Tank Program	2907.01 (A2LA)	10-31-26
Colorado	State	CO00026	06-30-26
Connecticut	State	PH-0686	09-30-26
Florida	NELAP	E87667	06-30-26
Georgia	State	4025	01-08-27
Illinois	NELAP	200017	05-31-27
Iowa	State	370	12-01-26
Kansas	NELAP	E-10166	05-13-26
Kentucky (WW)	State	KY98047	12-31-26
Louisiana (All)	NELAP	30785	06-30-26
Minnesota	NELAP	1788752	12-31-26
Montana (DW)	State	CERT0117	01-01-27
Nevada	State	CO00026	07-31-26
New Hampshire	NELAP	2053	04-28-27
New Jersey	NELAP	CO004	06-30-26
New York	NELAP	11964	04-01-27
North Dakota	State	R-034	07-25-25 *
Oklahoma	NELAP	8614	12-31-26
Oregon	NELAP	4025	01-08-27
Pennsylvania	NELAP	68-00664	07-31-26
South Carolina	State	72002001	01-18-26 *
Texas	NELAP	T104704183	09-30-26
US Fish & Wildlife	US Federal Programs	058448	07-31-26
USDA	US Federal Programs	P330-20-00065	05-04-29
Utah	NELAP	CO00026	07-31-26
Virginia	NELAP	460232	06-14-26
Washington	State	C583	08-03-26
Wisconsin	State	999615430	08-31-26
Wyoming (UST)	A2LA	2907.01	10-31-26

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-05-26
Florida	NELAP	E871002	06-30-26
Louisiana (All)	NELAP	03054	06-30-26
New Mexico	State	TX00122	06-30-26
Oklahoma	NELAP	1306	12-31-26
Oregon	NELAP	4213-001	03-30-27
Texas	NELAP	T104704265	07-31-26
Texas	NELAP	T104704215	06-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: Carmona Resources Job ID: 880-70602-1
Project/Site: Neptune 10 State Com East CTB

Laboratory: Eurofins Houston (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	TCEQ Water Supply	T104704215	11-24-28
USDA	US Federal Programs	525-23-79-79507R1	04-10-29
Washington	State	C1114-26	03-22-27

Laboratory: Eurofins Sacramento

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska	State	CA00044	06-30-26
Alaska (UST)	State	17-020	02-20-27
ANAB	Dept. of Defense ELAP	L2468	01-20-27
ANAB	Dept. of Energy	L2468.01	01-20-27
ANAB	ISO/IEC 17025	L2468.03	01-20-27
Arizona	State	AZ0708	08-11-26
Arkansas DEQ	State	88-0691	05-17-26
California	State	2897	01-31-28
Colorado	State	CA00044	08-31-26
Florida	NELAP	E87570	06-30-26
Georgia	State	4040	01-29-27
Illinois	NELAP	200060	03-31-27
Kansas	NELAP	E-10375	05-13-26
Louisiana	NELAP	01944	06-30-26
Louisiana (All)	NELAP	01944	06-30-26
Maine	State	CA00004	04-14-26
Massachusetts	State	M-CA044	06-30-26
Michigan	State	9947	08-03-26
Minnesota	NELAP	006-999-474	04-15-26
Nevada	State	CA00044	07-31-26
New Jersey	NELAP	CA005	06-30-26
New York	NELAP	11666	04-01-27
Ohio	State	41252	01-29-27
Oregon	NELAP	4040	01-29-27
Texas	NELAP	T104704399-23-17	05-31-26
US Fish & Wildlife	US Federal Programs	A22139	04-30-26
USDA	US Federal Programs	525-23-59-76739	03-01-27
Utah	NELAP	CA000442023-16	02-28-27
Virginia	NELAP	460278	09-30-26
Washington	State	C581	05-05-26
West Virginia (DW)	State	9930C	01-31-27
West Virginia DEP	State	422	07-31-26
Wisconsin	State	998204680	08-31-26
Wyoming	State Program	8TMS-L	01-28-19 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Carmona Resources
Job ID: 880-70602-1
Project/Site: Neptune 10 State Com East CTB

Method	Method Description	Protocol	Laboratory
8015D	Glycols- Direct Injection (GC/FID)	SW846	EET HOU
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	EET SAC
1633	Percent Moisture	EPA	EET SAC
9066	Phenolics, Total Recoverable	SW846	EET HOU
1633A	Shake Extraction with SPE	EPA	EET SAC
DI Leach	Deionized Water Leaching Procedure	ASTM	EET HOU

Protocol References:

ASTM = ASTM International
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70602-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-70602-1	SW-1 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas
880-70602-2	SW-2 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas
880-70602-3	SW-3 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas
880-70602-4	SW-4 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas

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Chain of Custody

Work Order No: _____

Page 1 of 1

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

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

State of Project:

Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Neptune 10 State Com East CTB	Turn Around	
Project Number:	3197	☑ Routine ☐ Rush	
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	CMM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID:		
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:		
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-5.0	
Total Containers:		Corrected Temperature:		

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: Picric Acid														Sample Comments
SW-1 (0.5')	3/31/2026		X		C	1		X														
SW-2 (0.5')	3/31/2026		X		C	1		X														
SW-3 (0.5')	3/31/2026		X		C	1		X														
SW-4 (0.5')	3/31/2026		X		C	1		X														

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Conner Moehring	5/6/26	Erin Apt	5-6-26 1336

Received by OCD: 6/16/2026 1:56:02 PM

5/29/2026 (Rev. 2)

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Released to Imaging: 6/26/2026 11:12:03 AM

Released to Imaging: 6/26/2026 11:12:03 AM
Received by OCD: 6/16/2026 1:56:02 PM

Chain of Custody

880-70602 Chain of Custody

Page 1 of 1

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Neptune 10 State Com East CTB	Turn Around	☑ Routine ☐ Rush
Project Number:	3197	Due Date:	
Project Location	Lea County, NM		
Sampler's Name:	CMM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-9.2
Total Containers:		Corrected Temperature:	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: diethylene glycol monobutyl ether	Parameters: all Polyfluoroalkyl and Perfluoroalkyl Compounds (PFAS)
SW-1 (0.5')	3/31/2026		X		C	3		X	X
SW-2 (0.5')	3/31/2026		X		C	3		X	X
SW-3 (0.5')	3/31/2026		X		C	3		X	X
SW-4 (0.5')	3/31/2026		X		C	3		X	X

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Comments

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Conner Moehring	4/7/26	Erica Ryf	4.7.26 930

5/29/2026 (Rev. 2)

Released to Imaging: 6/26/2026 11:12:03 AM
Received by OCD: 6/16/2026 1:56:02 PM

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer Jessica	Carrier Tracking No(s): N/A	COC No: 880-16060.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-70602-1
Address: 4145 Greenbriar Dr	Due Date Requested: 4/13/2026			Preservation Codes:
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Neptune 10 State Com East CTB	Project #: 88001158			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015D_DAI_G/DI_LEACH(MOD) Glycols	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
SW-1 (0.5') (880-70602-1)	3/31/26	Central	G	Solid			X	2	
SW-2 (0.5') (880-70602-2)	3/31/26	Central	G	Solid			X	2	
SW-3 (0 5') (880-70602-3)	3/31/26	Central	G	Solid			X	2	
SW-4 (0.5') (880-70602-4)	3/31/26	Central	G	Solid			X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I II III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: Received	
Relinquished by: Teddy Randell	Date/Time:	Company	Received by:	Date/Time: Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: APR 08 2026 Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: Time: 9:30 Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 3.0

Login Sample Receipt Checklist

Client: Carmona Resources Job Number: 880-70602-1

Login Number: 70602 **List Source: Eurofins Midland**
List Number: 1
Creator: Dyal, Erica

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.
Eurofins Midland

Login Sample Receipt Checklist

Client: Carmona Resources Job Number: 880-70602-1

Login Number: 70602 **List Source: Eurofins Houston**
List Number: 2 **List Creation: 04/08/26 12:57 PM**
Creator: Marrero, Misleydis

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.	True	
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	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Carmona Resources Job Number: 880-70602-1

Login Number: 70602 **List Source: Eurofins Sacramento**
List Number: 3 **List Creation: 04/08/26 02:18 PM**
Creator: Simmons, Jason C

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.7c
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?	N/A	Received project as a subcontract.
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	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.
Eurofins Midland

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ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 5/29/2026 7:40:05 AM Revision 2

JOB DESCRIPTION

Neptune 10 State Com East CTB
3197

JOB NUMBER

880-70603-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 6/20/2026 11:12:05 AM

my EOL

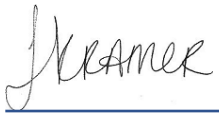
Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
5/29/2026 7:40:05 AM
Revision 2

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Laboratory Job ID: 880-70603-1
SDG: 3197

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Definitions/Glossary

Client: Carmona Resources Job ID: 880-70603-1
Project/Site: Neptune 10 State Com East CTB SDG: 3197

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
I	Value is EMPC (estimated maximum possible concentration).
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
U	Indicates the analyte was analyzed for but not detected.

LCMS

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Definitions/Glossary

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project: Neptune 10 State Com East CTB

Job ID: 880-70603-1

Job ID: 880-70603-1 Eurofins Midland

Job Narrative
880-70603-1

REVISION

The report being provided is a revision of the original report sent on 4/20/2026. The report (revision 2) is being revised due to PFAs be reviewed with possible other compounds reported.

Report revision history
Revision 1 - 4/30/2026 - Reason - Per client, adding additional methods. Revision required.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 4/7/2026 9:30 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 -9.4°C.

GC Semi VOA
Method 8015D - Soluble: The following samples were diluted due to physical characteristics, such as color, appearance, particulates in sample, etc.>>: H-1 (0.5') (880-70603-1), H-2 (0.5') (880-70603-2), H-3 (0.5') (880-70603-3) and H-4 (0.5') (880-70603-4). Elevated reporting limits (RL) are provided.

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

PFAS
Method 1633A: The low level laboratory control sample (LLCS) for preparation batch 320-911465 and analytical batch 320-919049 recovered outside control limits for the following analytes: Perfluorobutanesulfonate (PFBS-), Perfluorobutanesulfonic acid (PFBS) and Potassium Perfluorobutane Sulfonate. These analytes were biased high in the LLCS 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.

General Chemistry
Method 9066 - Soluble: The method blank (MB) for analytical batch contained above the reporting limit (RL). All reported samples associated with this MB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the MB; therefore, re-analysis of samples was not performed.

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

Case Narrative

Client: Carmona Resources
Job ID: 880-70603-1
Project: Neptune 10 State Com East CTB

Job ID: 880-70603-3 Eurofins Midland

Job Narrative
880-70603-3

REVISION

The report being provided is a revision of the original report sent on 5/4/2026. The report (revision 1) is being revised due to Additional methods added, revision required.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 4/7/2026 9:30 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 -9.4°C.

GC/MS Semi VOA
Method 8270E: The following samples were prepared outside of preparation holding time due to analysis requested out of holding time : H-1 (0.5') (880-70603-1), H-2 (0.5') (880-70603-2), H-3 (0.5') (880-70603-3) and H-4 (0.5') (880-70603-4).

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

HPLC/IC
Method 8330B: Samples H-1 (0.5') (880-70603-1), H-2 (0.5') (880-70603-2), H-3 (0.5') (880-70603-3) and H-4 (0.5') (880-70603-4) was/were received outside of holding time. In preparation batch 280-746678

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

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Client Sample ID: H-1 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70603-1

Matrix: Solid
Percent Solids: 95.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.00853	U H	0.00853		mg/Kg		04/22/26 05:49	04/26/26 08:24	1
Phenol	<0.0171	U H	0.0171		mg/Kg		04/22/26 05:49	04/26/26 08:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*67*		*37 - 130*	*04/22/26 05:49*	*04/26/26 08:24*	*1*
Nitrobenzene-d5 (Surr)	*68*		*36 - 131*	*04/22/26 05:49*	*04/26/26 08:24*	*1*
p-Terphenyl-d14 (Surr)	*74*		*40 - 130*	*04/22/26 05:49*	*04/26/26 08:24*	*1*
2,4,6-Tribromophenol (Surr)	*88*		*35 - 140*	*04/22/26 05:49*	*04/26/26 08:24*	*1*
2-Fluorophenol (Surr)	*54*		*37 - 130*	*04/22/26 05:49*	*04/26/26 08:24*	*1*
Phenol-d5 (Surr)	*51*		*37 - 130*	*04/22/26 05:49*	*04/26/26 08:24*	*1*

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<25.0	U	25.0		mg/Kg			04/13/26 23:06	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.188	U H	0.188		mg/Kg		05/08/26 14:29	05/10/26 04:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene	*107*		*70 - 130*	*05/08/26 14:29*	*05/10/26 04:54*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.397	U	0.397		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.397	U	0.397		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.397	U	0.397		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.993	U	0.993		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.993	U	0.993		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
Perfluorobutanoic acid (PFBA)	<0.397	U	0.397		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
Perfluorodecanesulfonic acid (PFDS)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Client Sample ID: H-1 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70603-1
Matrix: Solid
Percent Solids: 95.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanoic acid (PFDA)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
Perfluorododecanesulfonic acid (PFDoS)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
Perfluorododecanoic acid (PFDoA)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
Perfluoroheptanoic acid (PFHpA)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.993	U	0.993		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
Perfluorohexanesulfonate (PFHxS-)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
Perfluorohexanesulfonic acid (PFHxS)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
Perfluorohexanoic acid (PFHxA)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
Perfluorononanesulfonic acid (PFNS)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
Perfluorononanoate (PFNA-)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
Perfluorononanoic acid (PFNA)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
Perfluorooctanesulfonamide (PFOSA)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
Perfluorooctanoate (PFOA-)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
Perfluorooctanoic acid (PFOA)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
Perfluoropentanesulfonic acid (PFPeS)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
Perfluoropentanoic acid (PFPeA)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.993	U	0.993		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.397	U	0.397		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
Perfluorotetradecanoic acid (PFTeDA)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
Perfluorotridecanoic acid (PFTrDA)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
Perfluoroundecanoic acid (PFUnA)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*71.9*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:53*	*1*
13C3-3:3 FTCA	*72.4*		*20 - 150*	*04/11/26 06:33*	*04/12/26 11:53*	*1*
13C3-5:3 FTCA	*67.6*		*20 - 150*	*04/11/26 06:33*	*04/12/26 11:53*	*1*
13C2 4:2 FTS	*65.1*		*40 - 165*	*04/11/26 06:33*	*04/12/26 11:53*	*1*
13C2 6:2 FTS	*66.7*		*40 - 215*	*04/11/26 06:33*	*04/12/26 11:53*	*1*
13C2 8:2 FTS	*62.1*		*40 - 275*	*04/11/26 06:33*	*04/12/26 11:53*	*1*
13C3 HFPO-DA	*77.3*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:53*	*1*
13C4 PFBA	*86.1*		*8 - 130*	*04/11/26 06:33*	*04/12/26 11:53*	*1*
13C6 PFDA	*74.9*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:53*	*1*
13C2 PFDoA	*80.4*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:53*	*1*
13C4 PFHpA	*84.2*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:53*	*1*
13C5 PFHxA	*83.5*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:53*	*1*
13C3 PFHxS	*78.6*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:53*	*1*
13C9 PFNA	*83.4*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:53*	*1*
13C8 PFOA	*80.9*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:53*	*1*
13C8 PFOS	*75.6*		*40 - 130*	*04/11/26 06:33*	*04/12/26 11:53*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Client Sample ID: H-1 (0.5')

Lab Sample ID: 880-70603-1
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 95.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFPeA	91.6		35 - 130	04/11/26 06:33	04/12/26 11:53	1
13C2 PFTeDA	81.9		20 - 130	04/11/26 06:33	04/12/26 11:53	1
13C6 PFTrDA	75.2		20 - 150	04/11/26 06:33	04/12/26 11:53	1
13C7 PFUnA	88.7		40 - 130	04/11/26 06:33	04/12/26 11:53	1
d5-NEtFOSAA	67.3		40 - 150	04/11/26 06:33	04/12/26 11:53	1
d9-N-EtFOSE-M	68.2		15 - 130	04/11/26 06:33	04/12/26 11:53	1
d5-NEtPFOSA	51.8		10 - 130	04/11/26 06:33	04/12/26 11:53	1
d3-NMeFOSAA	68.2		40 - 135	04/11/26 06:33	04/12/26 11:53	1
d7-N-MeFOSE-M	64.7		20 - 130	04/11/26 06:33	04/12/26 11:53	1
d3-NMePFOSA	50.6		10 - 130	04/11/26 06:33	04/12/26 11:53	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
Perfluorobutanesulfonic acid (PFBS)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
Perfluorooctanesulfonate (PFOS-)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
Perfluorooctanesulfonic acid (PFOS)	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
Potassium Perfluorobutane Sulfonate	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1
Potassium Perfluorooctanesulfonate	<0.199	U	0.199		ug/Kg	☼	04/11/26 06:33	04/12/26 11:53	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	71.6		40 - 135	04/11/26 06:33	04/12/26 11:53	1
13C8 PFOS	75.6		40 - 130	04/11/26 06:33	04/12/26 11:53	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0963	U	0.0963		mg/Kg			04/23/26 22:53	1

Client Sample ID: H-2 (0.5')

Lab Sample ID: 880-70603-2
Date Collected: 03/31/26 00:00
Matrix: Solid
Date Received: 04/07/26 09:30
Percent Solids: 95.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.00883	U H	0.00883		mg/Kg		04/22/26 05:49	04/26/26 10:50	1
Phenol	<0.0177	U H	0.0177		mg/Kg		04/22/26 05:49	04/26/26 10:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	85		37 - 130	04/22/26 05:49	04/26/26 10:50	1
Nitrobenzene-d5 (Surr)	93		36 - 131	04/22/26 05:49	04/26/26 10:50	1
p-Terphenyl-d14 (Surr)	82		40 - 130	04/22/26 05:49	04/26/26 10:50	1
2,4,6-Tribromophenol (Surr)	102		35 - 140	04/22/26 05:49	04/26/26 10:50	1
2-Fluorophenol (Surr)	77		37 - 130	04/22/26 05:49	04/26/26 10:50	1
Phenol-d5 (Surr)	69		37 - 130	04/22/26 05:49	04/26/26 10:50	1

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<24.5	U	24.5		mg/Kg			04/13/26 23:23	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.190	U H	0.190		mg/Kg		05/08/26 14:29	05/10/26 05:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Client Sample ID: H-2 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70603-2

Matrix: Solid
Percent Solids: 95.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dinitrobenzene	108		70 - 130	05/08/26 14:29	05/10/26 05:15	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.385	U	0.385		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.385	U	0.385		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.385	U	0.385		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.963	U	0.963		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.963	U	0.963		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
Perfluorobutanoic acid (PFBA)	<0.385	U	0.385		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
Perfluorodecanesulfonic acid (PFDS)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
Perfluorodecanoic acid (PFDA)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
Perfluorododecanesulfonic acid (PFDoS)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
Perfluorododecanoic acid (PFDoA)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
Perfluoroheptanoic acid (PFHpA)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.963	U	0.963		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
Perfluorohexanesulfonate (PFHxS-)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
Perfluorohexanesulfonic acid (PFHxS)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
Perfluorohexanoic acid (PFHxA)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
Perfluorononanesulfonic acid (PFNS)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
Perfluorononanoate (PFNA-)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
Perfluorononanoic acid (PFNA)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Client Sample ID: H-2 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70603-2

Matrix: Solid
Percent Solids: 95.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonamide (PFOSA)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
Perfluorooctanoate (PFOA-)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
Perfluorooctanoic acid (PFOA)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
Perfluoropentanesulfonic acid (PFPeS)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
Perfluoropentanoic acid (PFPeA)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.963	U	0.963		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.385	U	0.385		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
Perfluorotetradecanoic acid (PFTeDA)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
Perfluorotridecanoic acid (PFTrDA)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
Perfluoroundecanoic acid (PFUnA)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*52.3*		*40 - 130*	*04/11/26 06:33*	*04/12/26 12:10*	*1*
13C3-3:3 FTCA	*76.7*		*20 - 150*	*04/11/26 06:33*	*04/12/26 12:10*	*1*
13C3-5:3 FTCA	*72.1*		*20 - 150*	*04/11/26 06:33*	*04/12/26 12:10*	*1*
13C2 4:2 FTS	*66.3*		*40 - 165*	*04/11/26 06:33*	*04/12/26 12:10*	*1*
13C2 6:2 FTS	*63.5*		*40 - 215*	*04/11/26 06:33*	*04/12/26 12:10*	*1*
13C2 8:2 FTS	*52.4*		*40 - 275*	*04/11/26 06:33*	*04/12/26 12:10*	*1*
13C3 HFPO-DA	*83.7*		*40 - 130*	*04/11/26 06:33*	*04/12/26 12:10*	*1*
13C4 PFBA	*82.1*		*8 - 130*	*04/11/26 06:33*	*04/12/26 12:10*	*1*
13C6 PFDA	*68.0*		*40 - 130*	*04/11/26 06:33*	*04/12/26 12:10*	*1*
13C2 PFDoA	*56.6*		*40 - 130*	*04/11/26 06:33*	*04/12/26 12:10*	*1*
13C4 PFHpA	*87.7*		*40 - 130*	*04/11/26 06:33*	*04/12/26 12:10*	*1*
13C5 PFHxA	*85.0*		*40 - 130*	*04/11/26 06:33*	*04/12/26 12:10*	*1*
13C3 PFHxS	*74.9*		*40 - 130*	*04/11/26 06:33*	*04/12/26 12:10*	*1*
13C9 PFNA	*79.3*		*40 - 130*	*04/11/26 06:33*	*04/12/26 12:10*	*1*
13C8 PFOA	*81.6*		*40 - 130*	*04/11/26 06:33*	*04/12/26 12:10*	*1*
13C8 PFOS	*68.0*		*40 - 130*	*04/11/26 06:33*	*04/12/26 12:10*	*1*
13C5 PFPeA	*93.9*		*35 - 130*	*04/11/26 06:33*	*04/12/26 12:10*	*1*
13C2 PFTeDA	*66.3*		*20 - 130*	*04/11/26 06:33*	*04/12/26 12:10*	*1*
13C6 PFTrDA	*51.8*		*20 - 150*	*04/11/26 06:33*	*04/12/26 12:10*	*1*
13C7 PFUnA	*59.7*		*40 - 130*	*04/11/26 06:33*	*04/12/26 12:10*	*1*
d5-NEtFOSAA	*48.3*		*40 - 150*	*04/11/26 06:33*	*04/12/26 12:10*	*1*
d9-N-EtFOSE-M	*50.6*		*15 - 130*	*04/11/26 06:33*	*04/12/26 12:10*	*1*
d5-NEtPFOSA	*46.0*		*10 - 130*	*04/11/26 06:33*	*04/12/26 12:10*	*1*
d3-NMeFOSAA	*51.8*		*40 - 135*	*04/11/26 06:33*	*04/12/26 12:10*	*1*
d7-N-MeFOSE-M	*47.9*		*20 - 130*	*04/11/26 06:33*	*04/12/26 12:10*	*1*
d3-NMePFOSA	*44.9*		*10 - 130*	*04/11/26 06:33*	*04/12/26 12:10*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
Perfluorobutanesulfonic acid (PFBS)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
Perfluorooctanesulfonate (PFOS-)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
Perfluorooctanesulfonic acid (PFOS)	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
Potassium Perfluorobutane Sulfonate	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1
Potassium Perfluorooctanesulfonate	<0.193	U	0.193		ug/Kg	☼	04/11/26 06:33	04/12/26 12:10	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Client Sample ID: H-2 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70603-2

Matrix: Solid
Percent Solids: 95.7

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	70.4		40 - 135	04/11/26 06:33	04/12/26 12:10	1
13C8 PFOS	68.0		40 - 130	04/11/26 06:33	04/12/26 12:10	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0931	U	0.0931		mg/Kg			04/23/26 22:56	1

Client Sample ID: H-3 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70603-3

Matrix: Solid
Percent Solids: 95.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.00982	U H	0.00982		mg/Kg		04/22/26 05:49	04/26/26 08:53	1
Phenol	<0.0196	U H	0.0196		mg/Kg		04/22/26 05:49	04/26/26 08:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	73		37 - 130	04/22/26 05:49	04/26/26 08:53	1
Nitrobenzene-d5 (Surr)	70		36 - 131	04/22/26 05:49	04/26/26 08:53	1
p-Terphenyl-d14 (Surr)	77		40 - 130	04/22/26 05:49	04/26/26 08:53	1
2,4,6-Tribromophenol (Surr)	95		35 - 140	04/22/26 05:49	04/26/26 08:53	1
2-Fluorophenol (Surr)	58		37 - 130	04/22/26 05:49	04/26/26 08:53	1
Phenol-d5 (Surr)	54		37 - 130	04/22/26 05:49	04/26/26 08:53	1

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<24.4	U	24.4		mg/Kg			04/13/26 23:40	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.194	U H	0.194		mg/Kg		05/08/26 14:29	05/10/26 05:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dinitrobenzene	107		70 - 130	05/08/26 14:29	05/10/26 05:37	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.388	U	0.388		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.388	U	0.388		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.388	U	0.388		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Client Sample ID: H-3 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70603-3
Matrix: Solid
Percent Solids: 95.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.971	U	0.971		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.971	U	0.971		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
Perfluorobutanoic acid (PFBA)	<0.388	U	0.388		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
Perfluorodecanesulfonic acid (PFDS)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
Perfluorodecanoic acid (PFDA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
Perfluorododecanesulfonic acid (PFDoS)	<0.194	U *1	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
Perfluorododecanoic acid (PFDoA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
Perfluoroheptanoic acid (PFHpA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.971	U	0.971		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
Perfluorohexanesulfonate (PFHxS-)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
Perfluorohexanesulfonic acid (PFHxS)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
Perfluorohexanoic acid (PFHxA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
Perfluorononanesulfonic acid (PFNS)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
Perfluorononanoate (PFNA-)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
Perfluorononanoic acid (PFNA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
Perfluorooctanesulfonamide (PFOSA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
Perfluorooctanoate (PFOA-)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
Perfluorooctanoic acid (PFOA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
Perfluoropentanesulfonic acid (PFPeS)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
Perfluoropentanoic acid (PFPeA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.971	U	0.971		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.388	U	0.388		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
Perfluorotetradecanoic acid (PFTeDA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
Perfluorotridecanoic acid (PFTrDA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
Perfluoroundecanoic acid (PFUnA)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*80.3*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:37*	*1*
13C3-3:3 FTCA	*83.4*		*20 - 150*	*04/13/26 11:46*	*04/15/26 23:37*	*1*
13C3-5:3 FTCA	*82.1*		*20 - 150*	*04/13/26 11:46*	*04/15/26 23:37*	*1*
13C2 4:2 FTS	*78.5*		*40 - 165*	*04/13/26 11:46*	*04/15/26 23:37*	*1*
13C2 6:2 FTS	*86.8*		*40 - 215*	*04/13/26 11:46*	*04/15/26 23:37*	*1*
13C2 8:2 FTS	*78.5*		*40 - 275*	*04/13/26 11:46*	*04/15/26 23:37*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Client Sample ID: H-3 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70603-3

Matrix: Solid
Percent Solids: 95.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 HFPO-DA	78.7		40 - 130	04/13/26 11:46	04/15/26 23:37	1
13C4 PFBA	88.4		8 - 130	04/13/26 11:46	04/15/26 23:37	1
13C6 PFDA	75.9		40 - 130	04/13/26 11:46	04/15/26 23:37	1
13C2 PFDoA	76.8		40 - 130	04/13/26 11:46	04/15/26 23:37	1
13C4 PFHpA	95.0		40 - 130	04/13/26 11:46	04/15/26 23:37	1
13C5 PFHxA	89.7		40 - 130	04/13/26 11:46	04/15/26 23:37	1
13C3 PFHxS	81.1		40 - 130	04/13/26 11:46	04/15/26 23:37	1
13C9 PFNA	89.0		40 - 130	04/13/26 11:46	04/15/26 23:37	1
13C8 PFOA	90.9		40 - 130	04/13/26 11:46	04/15/26 23:37	1
13C8 PFOS	76.0		40 - 130	04/13/26 11:46	04/15/26 23:37	1
13C5 PFPeA	107		35 - 130	04/13/26 11:46	04/15/26 23:37	1
13C2 PFTeDA	71.7		20 - 130	04/13/26 11:46	04/15/26 23:37	1
13C6 PFTrDA	67.6		20 - 150	04/13/26 11:46	04/15/26 23:37	1
13C7 PFUnA	82.4		40 - 130	04/13/26 11:46	04/15/26 23:37	1
d5-NEtFOSAA	74.0		40 - 150	04/13/26 11:46	04/15/26 23:37	1
d9-N-EtFOSE-M	67.1		15 - 130	04/13/26 11:46	04/15/26 23:37	1
d5-NEtPFOSA	53.3		10 - 130	04/13/26 11:46	04/15/26 23:37	1
d3-NMeFOSAA	78.4		40 - 135	04/13/26 11:46	04/15/26 23:37	1
d7-N-MeFOSE-M	65.2		20 - 130	04/13/26 11:46	04/15/26 23:37	1
d3-NMePFOSA	50.7		10 - 130	04/13/26 11:46	04/15/26 23:37	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.194	U *+	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
Perfluorobutanesulfonic acid (PFBS)	<0.194	U *+	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
Perfluorooctanesulfonate (PFOS-)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
Perfluorooctanesulfonic acid (PFOS)	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
Potassium Perfluorobutane Sulfonate	<0.194	U *+	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1
Potassium Perfluorooctanesulfonate	<0.194	U	0.194		ug/Kg	☼	04/13/26 11:46	04/15/26 23:37	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	80.7		40 - 135	04/13/26 11:46	04/15/26 23:37	1
13C8 PFOS	76.0		40 - 130	04/13/26 11:46	04/15/26 23:37	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0962	U	0.0962		mg/Kg			04/23/26 22:59	1

Client Sample ID: H-4 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70603-4

Matrix: Solid
Percent Solids: 96.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.00877	U H	0.00877		mg/Kg		04/22/26 05:49	04/26/26 12:18	1
Phenol	<0.0175	U H	0.0175		mg/Kg		04/22/26 05:49	04/26/26 12:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	79		37 - 130	04/22/26 05:49	04/26/26 12:18	1
Nitrobenzene-d5 (Surr)	89		36 - 131	04/22/26 05:49	04/26/26 12:18	1
p-Terphenyl-d14 (Surr)	79		40 - 130	04/22/26 05:49	04/26/26 12:18	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Client Sample ID: H-4 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70603-4
Matrix: Solid
Percent Solids: 96.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	*97*		*35 - 140*	*04/22/26 05:49*	*04/26/26 12:18*	*1*
2-Fluorophenol (Surr)	*72*		*37 - 130*	*04/22/26 05:49*	*04/26/26 12:18*	*1*
Phenol-d5 (Surr)	*64*		*37 - 130*	*04/22/26 05:49*	*04/26/26 12:18*	*1*

Method: SW846 8015D - Glycols- Direct Injection (GC/FID) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<25.0	U	25.0		mg/Kg			04/13/26 23:58	5

Method: SW846 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.186	U H	0.186		mg/Kg		05/08/26 14:29	05/10/26 05:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dinitrobenzene	*108*		*70 - 130*	*05/08/26 14:29*	*05/10/26 05:59*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.383	U	0.383		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.383	U	0.383		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.383	U	0.383		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<0.958	U	0.958		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<0.958	U	0.958		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
Perfluorobutanoic acid (PFBA)	<0.383	U	0.383		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
Perfluorodecanesulfonic acid (PFDS)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
Perfluorodecanoic acid (PFDA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
Perfluorododecanesulfonic acid (PFDoS)	<0.192	U *1	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
Perfluorododecanoic acid (PFDoA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Client Sample ID: H-4 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70603-4
Matrix: Solid
Percent Solids: 96.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanesulfonic acid (PFHpS)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
Perfluoroheptanoic acid (PFHpA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<0.958	U	0.958		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
Perfluorohexanesulfonate (PFHxS-)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
Perfluorohexanesulfonic acid (PFHxS)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
Perfluorohexanoic acid (PFHxA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
Perfluorononanesulfonic acid (PFNS)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
Perfluorononanoate (PFNA-)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
Perfluorononanoic acid (PFNA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
Perfluorooctanesulfonamide (PFOSA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
Perfluorooctanoate (PFOA-)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
Perfluorooctanoic acid (PFOA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
Perfluoropentanesulfonic acid (PFPeS)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
Perfluoropentanoic acid (PFPeA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<0.958	U	0.958		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.383	U	0.383		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
Perfluorotetradecanoic acid (PFTeDA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
Perfluorotridecanoic acid (PFTrDA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
Perfluoroundecanoic acid (PFUnA)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*89.7*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:54*	*1*
13C3-3:3 FTCA	*98.5*		*20 - 150*	*04/13/26 11:46*	*04/15/26 23:54*	*1*
13C3-5:3 FTCA	*93.3*		*20 - 150*	*04/13/26 11:46*	*04/15/26 23:54*	*1*
13C2 4:2 FTS	*84.3*		*40 - 165*	*04/13/26 11:46*	*04/15/26 23:54*	*1*
13C2 6:2 FTS	*92.7*		*40 - 215*	*04/13/26 11:46*	*04/15/26 23:54*	*1*
13C2 8:2 FTS	*87.0*		*40 - 275*	*04/13/26 11:46*	*04/15/26 23:54*	*1*
13C3 HFPO-DA	*87.3*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:54*	*1*
13C4 PFBA	*87.6*		*8 - 130*	*04/13/26 11:46*	*04/15/26 23:54*	*1*
13C6 PFDA	*81.2*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:54*	*1*
13C2 PFDoA	*89.4*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:54*	*1*
13C4 PFHpA	*108*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:54*	*1*
13C5 PFHxA	*90.4*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:54*	*1*
13C3 PFHxS	*85.1*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:54*	*1*
13C9 PFNA	*90.6*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:54*	*1*
13C8 PFOA	*96.8*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:54*	*1*
13C8 PFOS	*83.7*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:54*	*1*
13C5 PFPeA	*114*		*35 - 130*	*04/13/26 11:46*	*04/15/26 23:54*	*1*
13C2 PFTeDA	*76.7*		*20 - 130*	*04/13/26 11:46*	*04/15/26 23:54*	*1*
13C6 PFTrDA	*69.1*		*20 - 150*	*04/13/26 11:46*	*04/15/26 23:54*	*1*
13C7 PFUnA	*95.5*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:54*	*1*
d5-NEtFOSAA	*79.4*		*40 - 150*	*04/13/26 11:46*	*04/15/26 23:54*	*1*
d9-N-EtFOSE-M	*74.6*		*15 - 130*	*04/13/26 11:46*	*04/15/26 23:54*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Client Sample ID: H-4 (0.5')

Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70603-4

Matrix: Solid
Percent Solids: 96.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtPFOSA	*67.0*		*10 - 130*	*04/13/26 11:46*	*04/15/26 23:54*	*1*
d3-NMeFOSAA	*84.6*		*40 - 135*	*04/13/26 11:46*	*04/15/26 23:54*	*1*
d7-N-MeFOSE-M	*70.3*		*20 - 130*	*04/13/26 11:46*	*04/15/26 23:54*	*1*
d3-NMePFOSA	*72.7*		*10 - 130*	*04/13/26 11:46*	*04/15/26 23:54*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-)	<0.192	U *+	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
Perfluorobutanesulfonic acid (PFBS)	<0.192	U *+	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
Perfluorooctanesulfonate (PFOS-)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
Perfluorooctanesulfonic acid (PFOS)	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
Potassium Perfluorobutane Sulfonate	<0.192	U *+	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1
Potassium Perfluorooctanesulfonate	<0.192	U	0.192		ug/Kg	☼	04/13/26 11:46	04/15/26 23:54	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFBS	*79.3*		*40 - 135*	*04/13/26 11:46*	*04/15/26 23:54*	*1*
13C8 PFOS	*83.7*		*40 - 130*	*04/13/26 11:46*	*04/15/26 23:54*	*1*

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (SW846 9066)	<0.0917	U	0.0917		mg/Kg			04/23/26 23:02	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	FBP (37-130)	NBZ (36-131)	TPHd14 (40-130)	TBP (35-140)	2FP (37-130)	PHL (37-130)
880-70603-1	H-1 (0.5')	67	68	74	88	54	51
880-70603-2	H-2 (0.5')	85	93	82	102	77	69
880-70603-3	H-3 (0.5')	73	70	77	95	58	54
880-70603-4	H-4 (0.5')	79	89	79	97	72	64
LCS 860-315846/2-A	Lab Control Sample	85	90	80	96	88	81
LCSD 860-315846/3-A	Lab Control Sample Dup	88	96	82	99	89	84
MB 860-315846/1-A	Method Blank	76	80	72	66	76	69

Surrogate Legend

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
2FP = 2-Fluorophenol (Surr)
PHL = Phenol-d5 (Surr)

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	12DNB1 (70-130)
280-225963-B-10-B MS	Matrix Spike	103
280-225963-B-10-C MSD	Matrix Spike Duplicate	104
880-70603-1	H-1 (0.5')	107
880-70603-2	H-2 (0.5')	108
880-70603-3	H-3 (0.5')	107
880-70603-4	H-4 (0.5')	108
LCS 280-746678/2-A	Lab Control Sample	106
MB 280-746678/1-A	Method Blank	107

Surrogate Legend

12DNB = 1,2-Dinitrobenzene

Isotope Dilution Summary

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Solid **Prep Type: Total/NA**

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFOSA (40-130)	3-3:3 FTC (20-150)	3-5:3 FTC (20-150)	M242FTS (40-165)	M262FTS (40-215)	M282FTS (40-275)	HFPODA (40-130)	PFBA (8-130)
880-70603-1	H-1 (0.5')	71.9	72.4	67.6	65.1	66.7	62.1	77.3	86.1
880-70603-2	H-2 (0.5')	52.3	76.7	72.1	66.3	63.5	52.4	83.7	82.1
880-70603-3	H-3 (0.5')	80.3	83.4	82.1	78.5	86.8	78.5	78.7	88.4
880-70603-4	H-4 (0.5')	89.7	98.5	93.3	84.3	92.7	87.0	87.3	87.6
LCS 320-911306/3-A	Lab Control Sample	76.8	95.4	86.1	76.6	71.9	69.2	85.6	90.2
LCS 320-911465/3-A	Lab Control Sample	72.9	101	96.9	90.1	88.9	81.8	95.1	87.9
LCSD 320-911306/4-A	Lab Control Sample Dup	73.3	92.9	82.6	75.2	72.2	67.3	84.9	92.4
LCSD 320-911465/4-A	Lab Control Sample Dup	91.9	97.9	92.2	86.7	95.8	91.4	86.0	89.6
LLCS 320-911306/2-A	Lab Control Sample	79.9	93.6	96.3	78.8	75.2	69.7	88.1	91.6
LLCS 320-911465/2-A	Lab Control Sample	78.0	102	97.3	88.0	89.6	80.2	87.0	85.5
MB 320-911306/1-A	Method Blank	60.8	87.2	76.3	61.8	65.5	55.7	68.7	79.8
MB 320-911465/1-A	Method Blank	88.1	90.0	101	84.1	95.4	85.5	80.0	82.6

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	C6PFDA (40-130)	PFDoA (40-130)	C4PFHA (40-130)	13C5PHA (40-130)	C3PFHS (40-130)	C9PFNA (40-130)	C8PFOA (40-130)	C8PFOS (40-130)
880-70603-1	H-1 (0.5')	74.9	80.4	84.2	83.5	78.6	83.4	80.9	75.6
880-70603-2	H-2 (0.5')	68.0	56.6	87.7	85.0	74.9	79.3	81.6	68.0
880-70603-3	H-3 (0.5')	75.9	76.8	95.0	89.7	81.1	89.0	90.9	76.0
880-70603-4	H-4 (0.5')	81.2	89.4	108	90.4	85.1	90.6	96.8	83.7
LCS 320-911306/3-A	Lab Control Sample	80.7	73.1	90.9	88.8	87.5	85.1	90.6	84.1
LCS 320-911465/3-A	Lab Control Sample	77.1	66.1	99.8	92.5	83.2	90.4	96.4	84.2
LCSD 320-911306/4-A	Lab Control Sample Dup	75.9	71.5	89.8	83.3	85.3	86.4	84.0	76.4
LCSD 320-911465/4-A	Lab Control Sample Dup	87.1	88.6	98.2	97.1	85.7	94.6	93.2	87.8
LLCS 320-911306/2-A	Lab Control Sample	80.0	86.2	99.3	90.2	81.8	90.1	89.0	80.5
LLCS 320-911465/2-A	Lab Control Sample	73.3	72.7	93.2	92.6	85.8	92.8	96.9	79.1
MB 320-911306/1-A	Method Blank	65.2	60.6	77.5	76.3	68.6	70.4	72.5	64.6
MB 320-911465/1-A	Method Blank	85.1	87.3	93.0	85.8	82.2	90.8	91.6	83.5

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFPeA (35-130)	PFTDA (20-130)	C6PFTrDA (20-150)	13C7PUA (40-130)	d5NEFOS (40-150)	NEFM (15-130)	d5NPFSA (10-130)	d3NMFOS (40-135)
880-70603-1	H-1 (0.5')	91.6	81.9	75.2	88.7	67.3	68.2	51.8	68.2
880-70603-2	H-2 (0.5')	93.9	66.3	51.8	59.7	48.3	50.6	46.0	51.8
880-70603-3	H-3 (0.5')	107	71.7	67.6	82.4	74.0	67.1	53.3	78.4
880-70603-4	H-4 (0.5')	114	76.7	69.1	95.5	79.4	74.6	67.0	84.6
LCS 320-911306/3-A	Lab Control Sample	109	82.7	67.9	81.8	75.4	68.1	59.4	78.7
LCS 320-911465/3-A	Lab Control Sample	106	55.5	46.9	77.2	73.6	40.8	40.9	73.8
LCSD 320-911306/4-A	Lab Control Sample Dup	95.2	88.3	65.4	76.7	66.3	64.9	54.0	71.6
LCSD 320-911465/4-A	Lab Control Sample Dup	107	73.8	72.2	95.9	85.0	59.5	53.3	83.8
LLCS 320-911306/2-A	Lab Control Sample	100	92.5	76.0	89.2	75.8	71.8	52.9	73.9
LLCS 320-911465/2-A	Lab Control Sample	101	71.3	62.0	77.5	72.8	48.2	47.8	73.9
MB 320-911306/1-A	Method Blank	84.5	74.7	58.2	68.1	61.3	58.2	37.0	61.5
MB 320-911465/1-A	Method Blank	100	80.4	74.8	86.8	78.8	66.3	66.0	82.1

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	NMFM (20-130)	d3NMFSA (10-130)
880-70603-1	H-1 (0.5')	64.7	50.6
880-70603-2	H-2 (0.5')	47.9	44.9
880-70603-3	H-3 (0.5')	65.2	50.7
880-70603-4	H-4 (0.5')	70.3	72.7

Isotope Dilution Summary

Client: Carmona Resources Job ID: 880-70603-1
Project/Site: Neptune 10 State Com East CTB SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	NMFM (20-130)	d3NMFSA (10-130)
LCS 320-911306/3-A	Lab Control Sample	68.6	53.6
LCS 320-911465/3-A	Lab Control Sample	39.4	40.8
LCSD 320-911306/4-A	Lab Control Sample Dup	59.7	48.3
LCSD 320-911465/4-A	Lab Control Sample Dup	60.4	51.6
LLCS 320-911306/2-A	Lab Control Sample	69.9	48.0
LLCS 320-911465/2-A	Lab Control Sample	45.2	45.8
MB 320-911306/1-A	Method Blank	57.1	33.1
MB 320-911465/1-A	Method Blank	65.6	70.2

Surrogate Legend

PFOSA = 13C8 FOSA
C3-3:3 FTCA = 13C3-3:3 FTCA
C3-5:3 FTCA = 13C3-5:3 FTCA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
PFBA = 13C4 PFBA
C6PFDA = 13C6 PFDA
PFDoA = 13C2 PFDoA
C4PFHA = 13C4 PFHpA
13C5PHA = 13C5 PFHxA
C3PFHS = 13C3 PFHxS
C9PFNA = 13C9 PFNA
C8PFOA = 13C8 PFOA
C8PFOS = 13C8 PFOS
PFPeA = 13C5 PFPeA
PFTDA = 13C2 PFTeDA
C6PFTrDA = 13C6 PFTrDA
13C7PUA = 13C7 PFUnA
d5NEFOS = d5-NEtFOSAA
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFOS = d3-NMeFOSAA
NMFM = d7-N-MeFOSE-M
d3NMFSA = d3-NMePFOSA

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	C3PFBS (40-135)	C8PFOS (40-130)
880-70603-1 - RA	H-1 (0.5')	71.6	75.6
880-70603-2 - RA	H-2 (0.5')	70.4	68.0
880-70603-3 - RA	H-3 (0.5')	80.7	76.0
880-70603-4 - RA	H-4 (0.5')	79.3	83.7
LCS 320-911306/3-A - RA	Lab Control Sample	83.7	84.1
LCS 320-911465/3-A - RA	Lab Control Sample	82.6	84.2
LCSD 320-911306/4-A - RA	Lab Control Sample Dup	79.9	76.4
LCSD 320-911465/4-A - RA	Lab Control Sample Dup	84.8	87.8

Isotope Dilution Summary

Client: Carmona Resources Job ID: 880-70603-1
Project/Site: Neptune 10 State Com East CTB SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	C3PFBS (40-135)	C8PFOS (40-130)								
LLCS 320-911306/2-A - RA	Lab Control Sample	82.6	80.5								
LLCS 320-911465/2-A - RA	Lab Control Sample	77.7	79.1								
MB 320-911306/1-A - RA	Method Blank	69.5	64.6								
MB 320-911465/1-A - RA	Method Blank	83.1	83.5								

Surrogate Legend

C3PFBS = 13C3 PFBS
C8PFOS = 13C8 PFOS

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-315846/1-A
Matrix: Solid
Analysis Batch: 317143

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 315846

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.0100	U	0.0100		mg/Kg		04/22/26 05:49	04/26/26 01:31	1
Phenol	<0.0200	U	0.0200		mg/Kg		04/22/26 05:49	04/26/26 01:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*76*		*37 - 130*	*04/22/26 05:49*	*04/26/26 01:31*	*1*
Nitrobenzene-d5 (Surr)	*80*		*36 - 131*	*04/22/26 05:49*	*04/26/26 01:31*	*1*
p-Terphenyl-d14 (Surr)	*72*		*40 - 130*	*04/22/26 05:49*	*04/26/26 01:31*	*1*
2,4,6-Tribromophenol (Surr)	*66*		*35 - 140*	*04/22/26 05:49*	*04/26/26 01:31*	*1*
2-Fluorophenol (Surr)	*76*		*37 - 130*	*04/22/26 05:49*	*04/26/26 01:31*	*1*
Phenol-d5 (Surr)	*69*		*37 - 130*	*04/22/26 05:49*	*04/26/26 01:31*	*1*

Lab Sample ID: LCS 860-315846/2-A
Matrix: Solid
Analysis Batch: 317143

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 315846

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Phenanthrene			0.100	0.08287		mg/Kg		83	50 - 130		
Phenol			0.100	0.08434	I	mg/Kg		84	45 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*85*		*37 - 130*
Nitrobenzene-d5 (Surr)	*90*		*36 - 131*
p-Terphenyl-d14 (Surr)	*80*		*40 - 130*
2,4,6-Tribromophenol (Surr)	*96*		*35 - 140*
2-Fluorophenol (Surr)	*88*		*37 - 130*
Phenol-d5 (Surr)	*81*		*37 - 130*

Lab Sample ID: LCSD 860-315846/3-A
Matrix: Solid
Analysis Batch: 317143

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 315846

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenanthrene			0.100	0.08752		mg/Kg		88	50 - 130	5	30
Phenol			0.100	0.08595	I	mg/Kg		86	45 - 130	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*88*		*37 - 130*
Nitrobenzene-d5 (Surr)	*96*		*36 - 131*
p-Terphenyl-d14 (Surr)	*82*		*40 - 130*
2,4,6-Tribromophenol (Surr)	*99*		*35 - 140*
2-Fluorophenol (Surr)	*89*		*37 - 130*
Phenol-d5 (Surr)	*84*		*37 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Method: 8015D - Glycols- Direct Injection (GC/FID)

Lab Sample ID: MB 860-313270/1-A
Matrix: Solid
Analysis Batch: 313214

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethylene glycol monobutyl ether	<5.00	U	5.00		mg/Kg			04/13/26 18:34	1

Lab Sample ID: LCS 860-313270/4-A
Matrix: Solid
Analysis Batch: 313214

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diethylene glycol monobutyl ether	50.1	58.87		mg/Kg		117	70 - 135

Lab Sample ID: LCSD 860-313270/5-A
Matrix: Solid
Analysis Batch: 313214

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diethylene glycol monobutyl ether	50.1	58.80		mg/Kg		117	70 - 135	0	30

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Lab Sample ID: MB 280-746678/1-A
Matrix: Solid
Analysis Batch: 746802

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 746678

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Picric acid	<0.200	U	0.200		mg/Kg		05/08/26 14:29	05/09/26 23:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene	*107*		*70 - 130*	*05/08/26 14:29*	*05/09/26 23:46*	*1*

Lab Sample ID: LCS 280-746678/2-A
Matrix: Solid
Analysis Batch: 746802

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 746678

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Picric acid	1.00	1.069		mg/Kg		107	43 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dinitrobenzene	*106*		*70 - 130*

Lab Sample ID: 280-225963-B-10-B MS
Matrix: Solid
Analysis Batch: 746802

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 746678

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Picric acid	<0.198	U	0.933	0.9845		mg/Kg		106	43 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dinitrobenzene	*103*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Lab Sample ID: 280-225963-B-10-C MSD
Matrix: Solid
Analysis Batch: 746802

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 746678

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Picric acid	<0.198	U	0.951	1.010		mg/Kg		106	43 - 150	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dinitrobenzene	*104*		*70 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 320-911306/1-A
Matrix: Solid
Analysis Batch: 911347

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 911306

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.400	U	0.400		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.400	U	0.400		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.400	U	0.400		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<1.00	U	1.00		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<1.00	U	1.00		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorobutanoic acid (PFBA)	<0.400	U	0.400		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorodecanesulfonic acid (PFDS)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorodecanoic acid (PFDA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorododecanesulfonic acid (PFDoS)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorododecanoic acid (PFDoA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluoroheptanoic acid (PFHpA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<1.00	U	1.00		ug/Kg		04/11/26 06:33	04/12/26 09:23	1

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 320-911306/1-A
Matrix: Solid
Analysis Batch: 911347

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 911306

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanesulfonate (PFHxS-)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorohexanesulfonic acid (PFHxS)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorohexanoic acid (PFHxA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorononanesulfonic acid (PFNS)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorononanoate (PFNA-)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorononanoic acid (PFNA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorooctanesulfonamide (PFOSA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorooctanoate (PFOA-)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorooctanoic acid (PFOA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluoropentanesulfonic acid (PFPeS)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluoropentanoic acid (PFPeA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<1.00	U	1.00		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.400	U	0.400		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorotetradecanoic acid (PFTeDA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorotridecanoic acid (PFTrDA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluoroundecanoic acid (PFUnA)	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*60.8*		*40 - 130*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C3-3:3 FTCA	*87.2*		*20 - 150*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C3-5:3 FTCA	*76.3*		*20 - 150*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C2 4:2 FTS	*61.8*		*40 - 165*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C2 6:2 FTS	*65.5*		*40 - 215*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C2 8:2 FTS	*55.7*		*40 - 275*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C3 HFPO-DA	*68.7*		*40 - 130*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C4 PFBA	*79.8*		*8 - 130*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C6 PFDA	*65.2*		*40 - 130*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C2 PFDoA	*60.6*		*40 - 130*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C4 PFHpA	*77.5*		*40 - 130*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C5 PFHxA	*76.3*		*40 - 130*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C3 PFHxS	*68.6*		*40 - 130*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C9 PFNA	*70.4*		*40 - 130*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C8 PFOA	*72.5*		*40 - 130*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C8 PFOS	*64.6*		*40 - 130*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C5 PFPeA	*84.5*		*35 - 130*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C2 PFTeDA	*74.7*		*20 - 130*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C6 PFTrDA	*58.2*		*20 - 150*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
13C7 PFUnA	*68.1*		*40 - 130*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
d5-NEtFOSAA	*61.3*		*40 - 150*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
d9-N-EtFOSE-M	*58.2*		*15 - 130*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
d5-NEtPFOSA	*37.0*		*10 - 130*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
d3-NMeFOSAA	*61.5*		*40 - 135*	*04/11/26 06:33*	*04/12/26 09:23*	*1*
d7-N-MeFOSE-M	*57.1*		*20 - 130*	*04/11/26 06:33*	*04/12/26 09:23*	*1*

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 320-911306/1-A
Matrix: Solid
Analysis Batch: 911347

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 911306

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
d3-NMePFOSA	33.1		10 - 130	04/11/26 06:33	04/12/26 09:23	1

Lab Sample ID: LCS 320-911306/3-A
Matrix: Solid
Analysis Batch: 911347

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911306

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.36	1.953		ug/Kg		83	45 - 160
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.34	2.127		ug/Kg		91	70 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.534		ug/Kg		107	70 - 160
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	2.000		ug/Kg		107	70 - 145
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.903		ug/Kg		102	70 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.598		ug/Kg		98	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.791		ug/Kg		101	55 - 200
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.542		ug/Kg		102	70 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.497		ug/Kg		100	65 - 165
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	12.54		ug/Kg		100	70 - 135
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.673		ug/Kg		107	70 - 155
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.604		ug/Kg		104	65 - 155
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	12.65		ug/Kg		101	70 - 140
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	2.491		ug/Kg		100	60 - 155
Perfluorobutanoic acid (PFBA)	5.00	4.833		ug/Kg		97	70 - 140
Perfluorodecanesulfonic acid (PFDS)	2.41	1.943		ug/Kg		81	30 - 140
Perfluorodecanoic acid (PFDA)	2.50	2.589		ug/Kg		104	70 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.43	2.222		ug/Kg		92	25 - 160
Perfluorododecanoic acid (PFDoA)	2.50	2.648		ug/Kg		106	70 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.23	2.411		ug/Kg		108	70 - 140
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.574		ug/Kg		108	65 - 155
Perfluoroheptanoic acid (PFHpA)	2.50	2.548		ug/Kg		102	65 - 145
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	12.5	12.36		ug/Kg		99	60 - 150
Perfluorohexanesulfonate (PFHxS-)	2.27	2.084		ug/Kg		92	60 - 150

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 320-911306/3-A
Matrix: Solid
Analysis Batch: 911347

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911306

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.090		ug/Kg		92	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.412		ug/Kg		96	65 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	1.994		ug/Kg		80	60 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.065		ug/Kg		83	30 - 140
Perfluorononanesulfonic acid (PFNS)	2.41	2.274		ug/Kg		95	55 - 140
Perfluorononanoate (PFNA-)	2.49	2.592		ug/Kg		104	70 - 155
Perfluorononanoic acid (PFNA)	2.50	2.598		ug/Kg		104	70 - 155
Perfluorooctanesulfonamide (PFOSA)	2.50	2.530		ug/Kg		101	70 - 140
Perfluorooctanoate (PFOA-)	2.49	2.404		ug/Kg		96	70 - 150
Perfluorooctanoic acid (PFOA)	2.50	2.410		ug/Kg		96	70 - 150
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.165		ug/Kg		92	55 - 160
Perfluoropentanoic acid (PFPeA)	2.50	2.077		ug/Kg		83	60 - 150
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.5	12.55		ug/Kg		100	60 - 130
3-Perfluoropropylpropanoic acid (3:3 FTCA)	5.00	4.735		ug/Kg		95	45 - 130
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.005		ug/Kg		80	65 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.336		ug/Kg		93	65 - 150
Perfluoroundecanoic acid (PFUnA)	2.50	3.046		ug/Kg		122	70 - 155

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C8 FOSA	*76.8*		*40 - 130*
13C3-3:3 FTCA	*95.4*		*20 - 150*
13C3-5:3 FTCA	*86.1*		*20 - 150*
13C2 4:2 FTS	*76.6*		*40 - 165*
13C2 6:2 FTS	*71.9*		*40 - 215*
13C2 8:2 FTS	*69.2*		*40 - 275*
13C3 HFPO-DA	*85.6*		*40 - 130*
13C4 PFBA	*90.2*		*8 - 130*
13C6 PFDA	*80.7*		*40 - 130*
13C2 PFDoA	*73.1*		*40 - 130*
13C4 PFHpA	*90.9*		*40 - 130*
13C5 PFHxA	*88.8*		*40 - 130*
13C3 PFHxS	*87.5*		*40 - 130*
13C9 PFNA	*85.1*		*40 - 130*
13C8 PFOA	*90.6*		*40 - 130*
13C8 PFOS	*84.1*		*40 - 130*
13C5 PFPeA	*109*		*35 - 130*
13C2 PFTeDA	*82.7*		*20 - 130*
13C6 PFTrDA	*67.9*		*20 - 150*
13C7 PFUnA	*81.8*		*40 - 130*
d5-NEtFOSAA	*75.4*		*40 - 150*

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 320-911306/3-A
Matrix: Solid
Analysis Batch: 911347

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911306

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
d9-N-EtFOSE-M	68.1		15 - 130
d5-NEtPFOSA	59.4		10 - 130
d3-NMeFOSAA	78.7		40 - 135
d7-N-MeFOSE-M	68.6		20 - 130
d3-NMePFOSA	53.6		10 - 130

Lab Sample ID: LCSD 320-911306/4-A
Matrix: Solid
Analysis Batch: 911347

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 911306

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.36	2.022		ug/Kg		86	45 - 160	3	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.34	2.238		ug/Kg		96	70 - 150	5	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)			2.37	2.518		ug/Kg		106	70 - 160	1	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)			1.88	2.037		ug/Kg		109	70 - 145	2	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)			4.80	5.214		ug/Kg		109	70 - 150	6	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)			4.69	5.193		ug/Kg		111	60 - 150	12	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)			4.76	5.189		ug/Kg		109	55 - 200	8	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)			2.50	2.652		ug/Kg		106	70 - 140	4	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)			2.50	2.519		ug/Kg		101	65 - 165	1	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)			12.5	12.72		ug/Kg		102	70 - 135	1	30
N-methylperfluorooctane sulfonamide (NMeFOSA)			2.50	2.701		ug/Kg		108	70 - 155	1	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)			2.50	2.724		ug/Kg		109	65 - 155	4	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)			12.5	12.76		ug/Kg		102	70 - 140	1	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			2.50	2.686		ug/Kg		107	60 - 155	8	30
Perfluorobutanoic acid (PFBA)			5.00	5.077		ug/Kg		102	70 - 140	5	30
Perfluorodecanesulfonic acid (PFDS)			2.41	2.124		ug/Kg		88	30 - 140	9	30
Perfluorodecanoic acid (PFDA)			2.50	2.766		ug/Kg		111	70 - 155	7	30
Perfluorododecanesulfonic acid (PFDoS)			2.43	2.358		ug/Kg		97	25 - 160	6	30
Perfluorododecanoic acid (PFDoA)			2.50	2.597		ug/Kg		104	70 - 150	2	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.23	2.589		ug/Kg		116	70 - 140	7	30
Perfluoroheptanesulfonic acid (PFHpS)			2.39	2.909		ug/Kg		122	65 - 155	12	30
Perfluoroheptanoic acid (PFHpA)			2.50	2.449		ug/Kg		98	65 - 145	4	30

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 320-911306/4-A
Matrix: Solid
Analysis Batch: 911347

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 911306

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	13.32		ug/Kg		107	60 - 150	7	30
Perfluorohexanesulfonate (PFHxS-)			2.27	2.235		ug/Kg		98	60 - 150	7	30
Perfluorohexanesulfonic acid (PFHxS)			2.28	2.240		ug/Kg		98	60 - 150	7	30
Perfluorohexanoic acid (PFHxA)			2.50	2.441		ug/Kg		98	65 - 140	1	30
Perfluoro-4-methoxybutanoic acid (PFMBA)			2.50	2.564		ug/Kg		103	60 - 150	25	30
Perfluoro-3-methoxypropanoic acid (PFMPA)			2.50	2.374		ug/Kg		95	30 - 140	14	30
Perfluorononanesulfonic acid (PFNS)			2.41	2.435		ug/Kg		101	55 - 140	7	30
Perfluorononanoate (PFNA-)			2.49	2.403		ug/Kg		96	70 - 155	8	30
Perfluorononanoic acid (PFNA)			2.50	2.408		ug/Kg		96	70 - 155	8	30
Perfluorooctanesulfonamide (PFOSA)			2.50	2.536		ug/Kg		101	70 - 140	0	30
Perfluorooctanoate (PFOA-)			2.49	2.688		ug/Kg		108	70 - 150	11	30
Perfluorooctanoic acid (PFOA)			2.50	2.694		ug/Kg		108	70 - 150	11	30
Perfluoropentanesulfonic acid (PFPeS)			2.35	2.253		ug/Kg		96	55 - 160	4	30
Perfluoropentanoic acid (PFPeA)			2.50	2.478		ug/Kg		99	60 - 150	18	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.5	12.43		ug/Kg		99	60 - 130	1	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)			5.00	4.579		ug/Kg		92	45 - 130	3	30
Perfluorotetradecanoic acid (PFTeDA)			2.50	2.220		ug/Kg		89	65 - 150	10	30
Perfluorotridecanoic acid (PFTrDA)			2.50	2.586		ug/Kg		103	65 - 150	10	30
Perfluoroundecanoic acid (PFUnA)			2.50	3.248		ug/Kg		130	70 - 155	6	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C8 FOSA	*73.3*		*40 - 130*
13C3-3:3 FTCA	*92.9*		*20 - 150*
13C3-5:3 FTCA	*82.6*		*20 - 150*
13C2 4:2 FTS	*75.2*		*40 - 165*
13C2 6:2 FTS	*72.2*		*40 - 215*
13C2 8:2 FTS	*67.3*		*40 - 275*
13C3 HFPO-DA	*84.9*		*40 - 130*
13C4 PFBA	*92.4*		*8 - 130*
13C6 PFDA	*75.9*		*40 - 130*
13C2 PFDoA	*71.5*		*40 - 130*
13C4 PFHpA	*89.8*		*40 - 130*
13C5 PFHxA	*83.3*		*40 - 130*
13C3 PFHxS	*85.3*		*40 - 130*
13C9 PFNA	*86.4*		*40 - 130*
13C8 PFOA	*84.0*		*40 - 130*
13C8 PFOS	*76.4*		*40 - 130*
13C5 PFPeA	*95.2*		*35 - 130*
13C2 PFTeDA	*88.3*		*20 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 320-911306/4-A
Matrix: Solid
Analysis Batch: 911347

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 911306

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C6 PFTrDA	65.4		20 - 150
13C7 PFUnA	76.7		40 - 130
d5-NEtFOSAA	66.3		40 - 150
d9-N-EtFOSE-M	64.9		15 - 130
d5-NEtPFOSA	54.0		10 - 130
d3-NMeFOSAA	71.6		40 - 135
d7-N-MeFOSE-M	59.7		20 - 130
d3-NMePFOSA	48.3		10 - 130

Lab Sample ID: LLCS 320-911306/2-A
Matrix: Solid
Analysis Batch: 911347

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911306

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.378	0.3591		ug/Kg		95	45 - 160
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.374	0.3411		ug/Kg		91	70 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.378	0.4165		ug/Kg		110	70 - 160
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.300	0.3164		ug/Kg		105	70 - 145
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.768	0.8197		ug/Kg		107	70 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.750	0.8017		ug/Kg		107	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.762	0.7619		ug/Kg		100	55 - 200
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.400	0.3943		ug/Kg		99	70 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.400	0.4324		ug/Kg		108	65 - 165
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	2.00	2.095		ug/Kg		105	70 - 135
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.400	0.4809		ug/Kg		120	70 - 155
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.400	0.5156		ug/Kg		129	65 - 155
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	2.00	2.130		ug/Kg		106	70 - 140
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.400	0.4718		ug/Kg		118	60 - 155
Perfluorobutanoic acid (PFBA)	0.800	0.8560		ug/Kg		107	70 - 140
Perfluorodecanesulfonic acid (PFDS)	0.386	0.3535		ug/Kg		92	30 - 140
Perfluorodecanoic acid (PFDA)	0.400	0.4788		ug/Kg		120	70 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.388	0.4053		ug/Kg		104	25 - 160
Perfluorododecanoic acid (PFDoA)	0.400	0.4385		ug/Kg		110	70 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.357	0.3755		ug/Kg		105	70 - 140

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 320-911306/2-A
Matrix: Solid
Analysis Batch: 911347

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911306

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroheptanesulfonic acid (PFHpS)	0.382	0.4532		ug/Kg		119	65 - 155
Perfluoroheptanoic acid (PFHpA)	0.400	0.3922		ug/Kg		98	65 - 145
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	2.00	2.257		ug/Kg		113	60 - 150
Perfluorohexanesulfonate (PFHxS-)	0.364	0.3871		ug/Kg		106	60 - 150
Perfluorohexanesulfonic acid (PFHxS)	0.365	0.3880		ug/Kg		106	60 - 150
Perfluorohexanoic acid (PFHxA)	0.400	0.3700		ug/Kg		93	65 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.400	0.4028		ug/Kg		101	60 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.400	0.4262		ug/Kg		107	30 - 140
Perfluorononanesulfonic acid (PFNS)	0.385	0.3981		ug/Kg		103	55 - 140
Perfluorononanoate (PFNA-)	0.399	0.4475		ug/Kg		112	70 - 155
Perfluorononanoic acid (PFNA)	0.400	0.4484		ug/Kg		112	70 - 155
Perfluorooctanesulfonamide (PFOSA)	0.400	0.4349		ug/Kg		109	70 - 140
Perfluorooctanoate (PFOA-)	0.399	0.4485		ug/Kg		112	70 - 150
Perfluorooctanoic acid (PFOA)	0.400	0.4496		ug/Kg		112	70 - 150
Perfluoropentanesulfonic acid (PFPeS)	0.376	0.3534		ug/Kg		94	55 - 160
Perfluoropentanoic acid (PFPeA)	0.400	0.4115		ug/Kg		103	60 - 150
3-Perfluoropentylpropanoic acid (5:3 FTCA)	2.00	1.907		ug/Kg		95	60 - 130
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.800	0.8507		ug/Kg		106	45 - 130
Perfluorotetradecanoic acid (PFTeDA)	0.400	0.3399		ug/Kg		85	65 - 150
Perfluorotridecanoic acid (PFTrDA)	0.400	0.4003		ug/Kg		100	65 - 150
Perfluoroundecanoic acid (PFUnA)	0.400	0.5727		ug/Kg		143	70 - 155

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C8 FOSA	*79.9*		*40 - 130*
13C3-3:3 FTCA	*93.6*		*20 - 150*
13C3-5:3 FTCA	*96.3*		*20 - 150*
13C2 4:2 FTS	*78.8*		*40 - 165*
13C2 6:2 FTS	*75.2*		*40 - 215*
13C2 8:2 FTS	*69.7*		*40 - 275*
13C3 HFPO-DA	*88.1*		*40 - 130*
13C4 PFBA	*91.6*		*8 - 130*
13C6 PFDA	*80.0*		*40 - 130*
13C2 PFDoA	*86.2*		*40 - 130*
13C4 PFHpA	*99.3*		*40 - 130*
13C5 PFHxA	*90.2*		*40 - 130*
13C3 PFHxS	*81.8*		*40 - 130*
13C9 PFNA	*90.1*		*40 - 130*
13C8 PFOA	*89.0*		*40 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 320-911306/2-A
Matrix: Solid
Analysis Batch: 911347

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911306

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
13C8 PFOS	80.5		40 - 130
13C5 PFPeA	100		35 - 130
13C2 PFTeDA	92.5		20 - 130
13C6 PFTrDA	76.0		20 - 150
13C7 PFUnA	89.2		40 - 130
d5-NEtFOSAA	75.8		40 - 150
d9-N-EtFOSE-M	71.8		15 - 130
d5-NEtPFOSA	52.9		10 - 130
d3-NMeFOSAA	73.9		40 - 135
d7-N-MeFOSE-M	69.9		20 - 130
d3-NMePFOSA	48.0		10 - 130

Lab Sample ID: MB 320-911465/1-A
Matrix: Solid
Analysis Batch: 911666

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 911465

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.400	U	0.400		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.400	U	0.400		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.400	U	0.400		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<1.00	U	1.00		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<1.00	U	1.00		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorobutanoic acid (PFBA)	<0.400	U	0.400		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorodecanesulfonic acid (PFDS)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorodecanoic acid (PFDA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorododecanesulfonic acid (PFDoS)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorododecanoic acid (PFDoA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 320-911465/1-A
Matrix: Solid
Analysis Batch: 911666

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 911465

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanesulfonic acid (PFHpS)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluoroheptanoic acid (PFHpA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	<1.00	U	1.00		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorohexanesulfonate (PFHxS-)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorohexanesulfonic acid (PFHxS)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorohexanoic acid (PFHxA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorononanesulfonic acid (PFNS)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorononanoate (PFNA-)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorononanoic acid (PFNA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorooctanesulfonamide (PFOSA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorooctanoate (PFOA-)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorooctanoic acid (PFOA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluoropentanesulfonic acid (PFPeS)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluoropentanoic acid (PFPeA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	<1.00	U	1.00		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	<0.400	U	0.400		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorotetradecanoic acid (PFTeDA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorotridecanoic acid (PFTrDA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluoroundecanoic acid (PFUnA)	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*88.1*		*40 - 130*	*04/13/26 11:46*	*04/14/26 10:04*	*1*
13C3-3:3 FTCA	*90.0*		*20 - 150*	*04/13/26 11:46*	*04/14/26 10:04*	*1*
13C3-5:3 FTCA	*101*		*20 - 150*	*04/13/26 11:46*	*04/14/26 10:04*	*1*
13C2 4:2 FTS	*84.1*		*40 - 165*	*04/13/26 11:46*	*04/14/26 10:04*	*1*
13C2 6:2 FTS	*95.4*		*40 - 215*	*04/13/26 11:46*	*04/14/26 10:04*	*1*
13C2 8:2 FTS	*85.5*		*40 - 275*	*04/13/26 11:46*	*04/14/26 10:04*	*1*
13C3 HFPO-DA	*80.0*		*40 - 130*	*04/13/26 11:46*	*04/14/26 10:04*	*1*
13C4 PFBA	*82.6*		*8 - 130*	*04/13/26 11:46*	*04/14/26 10:04*	*1*
13C6 PFDA	*85.1*		*40 - 130*	*04/13/26 11:46*	*04/14/26 10:04*	*1*
13C2 PFDoA	*87.3*		*40 - 130*	*04/13/26 11:46*	*04/14/26 10:04*	*1*
13C4 PFHpA	*93.0*		*40 - 130*	*04/13/26 11:46*	*04/14/26 10:04*	*1*
13C5 PFHxA	*85.8*		*40 - 130*	*04/13/26 11:46*	*04/14/26 10:04*	*1*
13C3 PFHxS	*82.2*		*40 - 130*	*04/13/26 11:46*	*04/14/26 10:04*	*1*
13C9 PFNA	*90.8*		*40 - 130*	*04/13/26 11:46*	*04/14/26 10:04*	*1*
13C8 PFOA	*91.6*		*40 - 130*	*04/13/26 11:46*	*04/14/26 10:04*	*1*
13C8 PFOS	*83.5*		*40 - 130*	*04/13/26 11:46*	*04/14/26 10:04*	*1*
13C5 PFPeA	*100*		*35 - 130*	*04/13/26 11:46*	*04/14/26 10:04*	*1*
13C2 PFTeDA	*80.4*		*20 - 130*	*04/13/26 11:46*	*04/14/26 10:04*	*1*
13C6 PFTrDA	*74.8*		*20 - 150*	*04/13/26 11:46*	*04/14/26 10:04*	*1*
13C7 PFUnA	*86.8*		*40 - 130*	*04/13/26 11:46*	*04/14/26 10:04*	*1*

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 320-911465/1-A
Matrix: Solid
Analysis Batch: 911666

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 911465

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	78.8		40 - 150	04/13/26 11:46	04/14/26 10:04	1
d9-N-EtFOSE-M	66.3		15 - 130	04/13/26 11:46	04/14/26 10:04	1
d5-NEtPFOSA	66.0		10 - 130	04/13/26 11:46	04/14/26 10:04	1
d3-NMeFOSAA	82.1		40 - 135	04/13/26 11:46	04/14/26 10:04	1
d7-N-MeFOSE-M	65.6		20 - 130	04/13/26 11:46	04/14/26 10:04	1
d3-NMePFOSA	70.2		10 - 130	04/13/26 11:46	04/14/26 10:04	1

Lab Sample ID: LCS 320-911465/3-A
Matrix: Solid
Analysis Batch: 911666

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911465

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.36	1.660		ug/Kg		70	45 - 160
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.34	2.098		ug/Kg		90	70 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.646		ug/Kg		112	70 - 160
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.970		ug/Kg		105	70 - 145
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.897		ug/Kg		102	70 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	5.009		ug/Kg		107	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.943		ug/Kg		104	55 - 200
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.763		ug/Kg		111	70 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.613		ug/Kg		105	65 - 165
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	12.46		ug/Kg		100	70 - 135
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.699		ug/Kg		108	70 - 155
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.828		ug/Kg		113	65 - 155
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	13.37		ug/Kg		107	70 - 140
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	2.861		ug/Kg		114	60 - 155
Perfluorobutanoic acid (PFBA)	5.00	5.209		ug/Kg		104	70 - 140
Perfluorodecanesulfonic acid (PFDS)	2.41	1.890		ug/Kg		78	30 - 140
Perfluorodecanoic acid (PFDA)	2.50	2.659		ug/Kg		106	70 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.43	1.533		ug/Kg		63	25 - 160
Perfluorododecanoic acid (PFDoA)	2.50	2.668		ug/Kg		107	70 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.23	2.485		ug/Kg		111	70 - 140
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.708		ug/Kg		114	65 - 155

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 320-911465/3-A
Matrix: Solid
Analysis Batch: 911666

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911465

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroheptanoic acid (PFHpA)	2.50	2.680		ug/Kg		107	65 - 145
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	12.5	14.65		ug/Kg		117	60 - 150
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.389		ug/Kg		105	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.422		ug/Kg		97	65 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.364		ug/Kg		95	60 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.693		ug/Kg		108	30 - 140
Perfluorononanesulfonic acid (PFNS)	2.41	2.191		ug/Kg		91	55 - 140
Perfluorononanoic acid (PFNA)	2.50	2.719		ug/Kg		109	70 - 155
Perfluorooctanesulfonamide (PFOSA)	2.50	2.794		ug/Kg		112	70 - 140
Perfluorooctanoic acid (PFOA)	2.50	2.649		ug/Kg		106	70 - 150
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.426		ug/Kg		103	55 - 160
Perfluoropentanoic acid (PFPeA)	2.50	2.518		ug/Kg		101	60 - 150
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.5	12.73		ug/Kg		102	60 - 130
3-Perfluoropropylpropanoic acid (3:3 FTCA)	5.00	4.884		ug/Kg		98	45 - 130
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.527		ug/Kg		101	65 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.607		ug/Kg		104	65 - 150
Perfluoroundecanoic acid (PFUnA)	2.50	3.129		ug/Kg		125	70 - 155

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C8 FOSA	*72.9*		*40 - 130*
13C3-3:3 FTCA	*101*		*20 - 150*
13C3-5:3 FTCA	*96.9*		*20 - 150*
13C2 4:2 FTS	*90.1*		*40 - 165*
13C2 6:2 FTS	*88.9*		*40 - 215*
13C2 8:2 FTS	*81.8*		*40 - 275*
13C3 HFPO-DA	*95.1*		*40 - 130*
13C4 PFBA	*87.9*		*8 - 130*
13C6 PFDA	*77.1*		*40 - 130*
13C2 PFDoA	*66.1*		*40 - 130*
13C4 PFHpA	*99.8*		*40 - 130*
13C5 PFHxA	*92.5*		*40 - 130*
13C3 PFHxS	*83.2*		*40 - 130*
13C9 PFNA	*90.4*		*40 - 130*
13C8 PFOA	*96.4*		*40 - 130*
13C8 PFOS	*84.2*		*40 - 130*
13C5 PFPeA	*106*		*35 - 130*
13C2 PFTeDA	*55.5*		*20 - 130*
13C6 PFTrDA	*46.9*		*20 - 150*
13C7 PFUnA	*77.2*		*40 - 130*
d5-NEtFOSAA	*73.6*		*40 - 150*

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 320-911465/3-A
Matrix: Solid
Analysis Batch: 911666

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911465

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
d9-N-EtFOSE-M	40.8		15 - 130
d5-NEtPFOSA	40.9		10 - 130
d3-NMeFOSAA	73.8		40 - 135
d7-N-MeFOSE-M	39.4		20 - 130
d3-NMePFOSA	40.8		10 - 130

Lab Sample ID: LCSD 320-911465/4-A
Matrix: Solid
Analysis Batch: 911666

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 911465

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.36	2.171		ug/Kg		92	45 - 160	27	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.34	2.268		ug/Kg		97	70 - 150	8	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)			2.37	2.898		ug/Kg		123	70 - 160	9	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)			1.88	2.197		ug/Kg		117	70 - 145	11	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)			4.80	4.921		ug/Kg		103	70 - 150	1	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)			4.69	5.018		ug/Kg		107	60 - 150	0	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)			4.76	4.904		ug/Kg		103	55 - 200	1	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)			2.50	2.705		ug/Kg		108	70 - 140	2	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)			2.50	2.722		ug/Kg		109	65 - 165	4	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)			12.5	13.17		ug/Kg		105	70 - 135	5	30
N-methylperfluorooctane sulfonamide (NMeFOSA)			2.50	3.075		ug/Kg		123	70 - 155	13	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)			2.50	3.071		ug/Kg		123	65 - 155	8	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)			12.5	13.31		ug/Kg		106	70 - 140	0	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			2.50	2.699		ug/Kg		108	60 - 155	6	30
Perfluorobutanoic acid (PFBA)			5.00	5.404		ug/Kg		108	70 - 140	4	30
Perfluorodecanesulfonic acid (PFDS)			2.41	2.211		ug/Kg		92	30 - 140	16	30
Perfluorodecanoic acid (PFDA)			2.50	2.738		ug/Kg		110	70 - 155	3	30
Perfluorododecanesulfonic acid (PFDoS)			2.43	2.328	*1	ug/Kg		96	25 - 160	41	30
Perfluorododecanoic acid (PFDoA)			2.50	2.614		ug/Kg		105	70 - 150	2	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.23	2.460		ug/Kg		110	70 - 140	1	30
Perfluoroheptanesulfonic acid (PFHpS)			2.39	2.795		ug/Kg		117	65 - 155	3	30
Perfluoroheptanoic acid (PFHpA)			2.50	2.584		ug/Kg		103	65 - 145	4	30

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 320-911465/4-A
Matrix: Solid
Analysis Batch: 911666

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 911465

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	15.21		ug/Kg		122	60 - 150	4	30
Perfluorohexanesulfonic acid (PFHxS)			2.28	2.500		ug/Kg		110	60 - 150	5	30
Perfluorohexanoic acid (PFHxA)			2.50	2.350		ug/Kg		94	65 - 140	3	30
Perfluoro-4-methoxybutanoic acid (PFMBA)			2.50	2.282		ug/Kg		91	60 - 150	4	30
Perfluoro-3-methoxypropanoic acid (PFMPA)			2.50	2.431		ug/Kg		97	30 - 140	10	30
Perfluorononanesulfonic acid (PFNS)			2.41	2.613		ug/Kg		109	55 - 140	18	30
Perfluorononanoic acid (PFNA)			2.50	2.611		ug/Kg		104	70 - 155	4	30
Perfluorooctanesulfonamide (PFOSA)			2.50	2.773		ug/Kg		111	70 - 140	1	30
Perfluorooctanoic acid (PFOA)			2.50	2.707		ug/Kg		108	70 - 150	2	30
Perfluoropentanesulfonic acid (PFPeS)			2.35	2.589		ug/Kg		110	55 - 160	6	30
Perfluoropentanoic acid (PFPeA)			2.50	2.619		ug/Kg		105	60 - 150	4	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.5	14.07		ug/Kg		113	60 - 130	10	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)			5.00	5.520		ug/Kg		110	45 - 130	12	30
Perfluorotetradecanoic acid (PFTeDA)			2.50	2.915		ug/Kg		117	65 - 150	14	30
Perfluorotridecanoic acid (PFTrDA)			2.50	2.732		ug/Kg		109	65 - 150	5	30
Perfluoroundecanoic acid (PFUnA)			2.50	3.320		ug/Kg		133	70 - 155	6	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C8 FOSA	*91.9*		*40 - 130*
13C3-3:3 FTCA	*97.9*		*20 - 150*
13C3-5:3 FTCA	*92.2*		*20 - 150*
13C2 4:2 FTS	*86.7*		*40 - 165*
13C2 6:2 FTS	*95.8*		*40 - 215*
13C2 8:2 FTS	*91.4*		*40 - 275*
13C3 HFPO-DA	*86.0*		*40 - 130*
13C4 PFBA	*89.6*		*8 - 130*
13C6 PFDA	*87.1*		*40 - 130*
13C2 PFDoA	*88.6*		*40 - 130*
13C4 PFHpA	*98.2*		*40 - 130*
13C5 PFHxA	*97.1*		*40 - 130*
13C3 PFHxS	*85.7*		*40 - 130*
13C9 PFNA	*94.6*		*40 - 130*
13C8 PFOA	*93.2*		*40 - 130*
13C8 PFOS	*87.8*		*40 - 130*
13C5 PFPeA	*107*		*35 - 130*
13C2 PFTeDA	*73.8*		*20 - 130*
13C6 PFTrDA	*72.2*		*20 - 150*
13C7 PFUnA	*95.9*		*40 - 130*
d5-NEtFOSAA	*85.0*		*40 - 150*
d9-N-EtFOSE-M	*59.5*		*15 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 320-911465/4-A
Matrix: Solid
Analysis Batch: 911666

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 911465

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
d5-NEtPFOSA	*53.3*		*10 - 130*
d3-NMeFOSAA	*83.8*		*40 - 135*
d7-N-MeFOSE-M	*60.4*		*20 - 130*
d3-NMePFOSA	*51.6*		*10 - 130*

Lab Sample ID: LLCS 320-911465/2-A
Matrix: Solid
Analysis Batch: 911666

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911465

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.378	0.3151		ug/Kg		83	45 - 160
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.374	0.3475		ug/Kg		93	70 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.378	0.4412		ug/Kg		117	70 - 160
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.300	0.3321		ug/Kg		111	70 - 145
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.768	0.8246		ug/Kg		107	70 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.750	0.7435		ug/Kg		99	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.762	0.8126		ug/Kg		107	55 - 200
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.400	0.4496		ug/Kg		112	70 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.400	0.4283		ug/Kg		107	65 - 165
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	2.00	1.957		ug/Kg		98	70 - 135
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.400	0.4468		ug/Kg		112	70 - 155
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.400	0.4518		ug/Kg		113	65 - 155
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	2.00	2.162		ug/Kg		108	70 - 140
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.400	0.4837		ug/Kg		121	60 - 155
Perfluorobutanoic acid (PFBA)	0.800	0.8599		ug/Kg		107	70 - 140
Perfluorodecanesulfonic acid (PFDS)	0.386	0.3655		ug/Kg		95	30 - 140
Perfluorodecanoic acid (PFDA)	0.400	0.4566		ug/Kg		114	70 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.388	0.3607		ug/Kg		93	25 - 160
Perfluorododecanoic acid (PFDoA)	0.400	0.3918		ug/Kg		98	70 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.357	0.3815		ug/Kg		107	70 - 140
Perfluoroheptanesulfonic acid (PFHpS)	0.382	0.4663		ug/Kg		122	65 - 155
Perfluoroheptanoic acid (PFHpA)	0.400	0.4505		ug/Kg		113	65 - 145

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 320-911465/2-A
Matrix: Solid
Analysis Batch: 911666

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911465

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	2.00	2.213		ug/Kg		111	60 - 150
Perfluorohexanesulfonic acid (PFHxS)	0.365	0.3776		ug/Kg		104	60 - 150
Perfluorohexanoic acid (PFHxA)	0.400	0.4103		ug/Kg		103	65 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.400	0.3711		ug/Kg		93	60 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.400	0.3840		ug/Kg		96	30 - 140
Perfluorononanesulfonic acid (PFNS)	0.385	0.3832		ug/Kg		100	55 - 140
Perfluorononanoic acid (PFNA)	0.400	0.4165		ug/Kg		104	70 - 155
Perfluorooctanesulfonamide (PFOSA)	0.400	0.4603		ug/Kg		115	70 - 140
Perfluorooctanoic acid (PFOA)	0.400	0.3918		ug/Kg		98	70 - 150
Perfluoropentanesulfonic acid (PFPeS)	0.376	0.3440		ug/Kg		91	55 - 160
Perfluoropentanoic acid (PFPeA)	0.400	0.3982		ug/Kg		100	60 - 150
3-Perfluoropentylpropanoic acid (5:3 FTCA)	2.00	1.993		ug/Kg		100	60 - 130
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.800	0.7669		ug/Kg		96	45 - 130
Perfluorotetradecanoic acid (PFTeDA)	0.400	0.4576		ug/Kg		114	65 - 150
Perfluorotridecanoic acid (PFTrDA)	0.400	0.3991		ug/Kg		100	65 - 150
Perfluoroundecanoic acid (PFUnA)	0.400	0.5033		ug/Kg		126	70 - 155

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C8 FOSA	*78.0*		*40 - 130*
13C3-3:3 FTCA	*102*		*20 - 150*
13C3-5:3 FTCA	*97.3*		*20 - 150*
13C2 4:2 FTS	*88.0*		*40 - 165*
13C2 6:2 FTS	*89.6*		*40 - 215*
13C2 8:2 FTS	*80.2*		*40 - 275*
13C3 HFPO-DA	*87.0*		*40 - 130*
13C4 PFBA	*85.5*		*8 - 130*
13C6 PFDA	*73.3*		*40 - 130*
13C2 PFDoA	*72.7*		*40 - 130*
13C4 PFHpA	*93.2*		*40 - 130*
13C5 PFHxA	*92.6*		*40 - 130*
13C3 PFHxS	*85.8*		*40 - 130*
13C9 PFNA	*92.8*		*40 - 130*
13C8 PFOA	*96.9*		*40 - 130*
13C8 PFOS	*79.1*		*40 - 130*
13C5 PFPeA	*101*		*35 - 130*
13C2 PFTeDA	*71.3*		*20 - 130*
13C6 PFTrDA	*62.0*		*20 - 150*
13C7 PFUnA	*77.5*		*40 - 130*
d5-NEtFOSAA	*72.8*		*40 - 150*
d9-N-EtFOSE-M	*48.2*		*15 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 320-911465/2-A
Matrix: Solid
Analysis Batch: 911666

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911465

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
d5-NEtPFOSA	47.8		10 - 130
d3-NMeFOSAA	73.9		40 - 135
d7-N-MeFOSE-M	45.2		20 - 130
d3-NMePFOSA	45.8		10 - 130

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA

Lab Sample ID: MB 320-911306/1-A
Matrix: Solid
Analysis Batch: 919045

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 911306

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-) - RA	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorobutanesulfonic acid (PFBS) - RA	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorooctanesulfonate (PFOS-) - RA	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Perfluorooctanesulfonic acid (PFOS) - RA	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Potassium Perfluorobutane Sulfonate - RA	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1
Potassium Perfluorooctanesulfonate - RA	<0.200	U	0.200		ug/Kg		04/11/26 06:33	04/12/26 09:23	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS - RA	69.5		40 - 135	04/11/26 06:33	04/12/26 09:23	1
13C8 PFOS - RA	64.6		40 - 130	04/11/26 06:33	04/12/26 09:23	1

Lab Sample ID: LCS 320-911306/3-A
Matrix: Solid
Analysis Batch: 919045

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911306

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanesulfonate (PFBS-) - RA	2.21	2.142		ug/Kg		97	65 - 145
Perfluorobutanesulfonic acid (PFBS) - RA	2.22	2.149		ug/Kg		97	65 - 145
Perfluorooctanesulfonate (PFOS-) - RA	2.32	2.188		ug/Kg		94	65 - 160
Perfluorooctanesulfonic acid (PFOS) - RA	2.33	2.192		ug/Kg		94	65 - 160
Potassium Perfluorobutane Sulfonate - RA	2.51	2.430		ug/Kg		97	65 - 145
Potassium Perfluorooctanesulfonate - RA	2.51	2.364		ug/Kg		94	65 - 160

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C3 PFBS - RA	83.7		40 - 135
13C8 PFOS - RA	84.1		40 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA (Continued)

Lab Sample ID: LCSD 320-911306/4-A
Matrix: Solid
Analysis Batch: 919045

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 911306

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanesulfonate (PFBS-) - RA			2.21	2.335		ug/Kg		106	65 - 145	9	30
Perfluorobutanesulfonic acid (PFBS) - RA			2.22	2.342		ug/Kg		106	65 - 145	9	30
Perfluorooctanesulfonate (PFOS-) - RA			2.32	2.373		ug/Kg		102	65 - 160	8	30
Perfluorooctanesulfonic acid (PFOS) - RA			2.33	2.377		ug/Kg		102	65 - 160	8	30
Potassium Perfluorobutane Sulfonate - RA			2.51	2.649		ug/Kg		106	65 - 145	9	30
Potassium Perfluorooctanesulfonate - RA			2.51	2.564		ug/Kg		102	65 - 160	8	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C3 PFBS - RA	*79.9*		*40 - 135*
13C8 PFOS - RA	*76.4*		*40 - 130*

Lab Sample ID: LLCS 320-911306/2-A
Matrix: Solid
Analysis Batch: 919045

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911306

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Perfluorobutanesulfonate (PFBS-) - RA			0.354	0.3381		ug/Kg		95	65 - 145		
Perfluorobutanesulfonic acid (PFBS) - RA			0.355	0.3391		ug/Kg		95	65 - 145		
Perfluorooctanesulfonate (PFOS-) - RA			0.371	0.3836		ug/Kg		103	65 - 160		
Perfluorooctanesulfonic acid (PFOS) - RA			0.372	0.3843		ug/Kg		103	65 - 160		
Potassium Perfluorobutane Sulfonate - RA			0.402	0.3835		ug/Kg		95	65 - 145		
Potassium Perfluorooctanesulfonate - RA			0.401	0.4144		ug/Kg		103	65 - 160		

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C3 PFBS - RA	*82.6*		*40 - 135*
13C8 PFOS - RA	*80.5*		*40 - 130*

Lab Sample ID: MB 320-911465/1-A
Matrix: Solid
Analysis Batch: 919049

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 911465

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonate (PFBS-) - RA	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorobutanesulfonic acid (PFBS) - RA	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorooctanesulfonate (PFOS-) - RA	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Perfluorooctanesulfonic acid (PFOS) - RA	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA (Continued)

Lab Sample ID: MB 320-911465/1-A
Matrix: Solid
Analysis Batch: 919049

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 911465

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium Perfluorobutane Sulfonate - RA	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1
Potassium Perfluorooctanesulfonate - RA	<0.200	U	0.200		ug/Kg		04/13/26 11:46	04/14/26 10:04	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFBS - RA	*83.1*		*40 - 135*	*04/13/26 11:46*	*04/14/26 10:04*	*1*
13C8 PFOS - RA	*83.5*		*40 - 130*	*04/13/26 11:46*	*04/14/26 10:04*	*1*

Lab Sample ID: LCS 320-911465/3-A
Matrix: Solid
Analysis Batch: 919049

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911465

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Perfluorobutanesulfonate (PFBS-) - RA			2.21	2.660		ug/Kg		120	65 - 145		
Perfluorobutanesulfonic acid (PFBS) - RA			2.22	2.668		ug/Kg		120	65 - 145		
Perfluorooctanesulfonate (PFOS-) - RA			2.32	2.213		ug/Kg		95	65 - 160		
Perfluorooctanesulfonic acid (PFOS) - RA			2.33	2.217		ug/Kg		95	65 - 160		
Potassium Perfluorobutane Sulfonate - RA			2.51	3.017		ug/Kg		120	65 - 145		
Potassium Perfluorooctanesulfonate - RA			2.51	2.391		ug/Kg		95	65 - 160		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C3 PFBS - RA	*82.6*		*40 - 135*
13C8 PFOS - RA	*84.2*		*40 - 130*

Lab Sample ID: LCSD 320-911465/4-A
Matrix: Solid
Analysis Batch: 919049

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 911465

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanesulfonate (PFBS-) - RA			2.21	2.362		ug/Kg		107	65 - 145	12	30
Perfluorobutanesulfonic acid (PFBS) - RA			2.22	2.370		ug/Kg		107	65 - 145	12	30
Perfluorooctanesulfonate (PFOS-) - RA			2.32	2.473		ug/Kg		107	65 - 160	11	30
Perfluorooctanesulfonic acid (PFOS) - RA			2.33	2.478		ug/Kg		107	65 - 160	11	30
Potassium Perfluorobutane Sulfonate - RA			2.51	2.679		ug/Kg		107	65 - 145	12	30
Potassium Perfluorooctanesulfonate - RA			2.51	2.672		ug/Kg		107	65 - 160	11	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C3 PFBS - RA	*84.8*		*40 - 135*
13C8 PFOS - RA	*87.8*		*40 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RA (Continued)

Lab Sample ID: LLCS 320-911465/2-A
Matrix: Solid
Analysis Batch: 919049

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 911465

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanesulfonate (PFBS-) - RA	0.354	2.424	*+	ug/Kg		684	65 - 145
Perfluorobutanesulfonic acid (PFBS) - RA	0.355	2.431	*+	ug/Kg		684	65 - 145
Perfluorooctanesulfonate (PFOS-) - RA	0.371	0.3849		ug/Kg		104	65 - 160
Perfluorooctanesulfonic acid (PFOS) - RA	0.372	0.3856		ug/Kg		104	65 - 160
Potassium Perfluorobutane Sulfonate - RA	0.402	2.749	*+	ug/Kg		684	65 - 145
Potassium Perfluorooctanesulfonate - RA	0.401	0.4158		ug/Kg		104	65 - 160

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C3 PFBS - RA	*77.7*		*40 - 135*
13C8 PFOS - RA	*79.1*		*40 - 130*

Method: 9066 - Phenolics, Total Recoverable

Lab Sample ID: MB 860-316999/62-A
Matrix: Solid
Analysis Batch: 317009

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total	<0.100	U	0.100		mg/Kg			04/23/26 22:41	1

Lab Sample ID: LCS 860-316999/63-A
Matrix: Solid
Analysis Batch: 317009

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenols, Total	1.00	0.9720		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 860-316999/64-A
Matrix: Solid
Analysis Batch: 317009

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenols, Total	1.00	0.9000		mg/Kg		90	90 - 110	8	20

Lab Sample ID: 880-70603-4 MS
Matrix: Solid
Analysis Batch: 317009

Client Sample ID: H-4 (0.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Phenols, Total	<0.0917	U	0.917	0.8440		mg/Kg		92	90 - 110

QC Sample Results

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Method: 9066 - Phenolics, Total Recoverable (Continued)

Lab Sample ID: 880-70603-4 MSD
Matrix: Solid
Analysis Batch: 317009

Client Sample ID: H-4 (0.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenols, Total	<0.0917	U	0.917	0.8239		mg/Kg		90	90 - 110	2	20

QC Association Summary

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

GC/MS Semi VOA

Prep Batch: 315846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70603-1	H-1 (0.5')	Total/NA	Solid	3546	
880-70603-2	H-2 (0.5')	Total/NA	Solid	3546	
880-70603-3	H-3 (0.5')	Total/NA	Solid	3546	
880-70603-4	H-4 (0.5')	Total/NA	Solid	3546	
MB 860-315846/1-A	Method Blank	Total/NA	Solid	3546	
LCS 860-315846/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 860-315846/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Analysis Batch: 317143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70603-1	H-1 (0.5')	Total/NA	Solid	8270E	315846
880-70603-2	H-2 (0.5')	Total/NA	Solid	8270E	315846
880-70603-3	H-3 (0.5')	Total/NA	Solid	8270E	315846
880-70603-4	H-4 (0.5')	Total/NA	Solid	8270E	315846
MB 860-315846/1-A	Method Blank	Total/NA	Solid	8270E	315846
LCS 860-315846/2-A	Lab Control Sample	Total/NA	Solid	8270E	315846
LCSD 860-315846/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	315846

GC Semi VOA

Analysis Batch: 313214

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70603-1	H-1 (0.5')	Soluble	Solid	8015D	313270
880-70603-2	H-2 (0.5')	Soluble	Solid	8015D	313270
880-70603-3	H-3 (0.5')	Soluble	Solid	8015D	313270
880-70603-4	H-4 (0.5')	Soluble	Solid	8015D	313270
MB 860-313270/1-A	Method Blank	Soluble	Solid	8015D	313270
LCS 860-313270/4-A	Lab Control Sample	Soluble	Solid	8015D	313270
LCSD 860-313270/5-A	Lab Control Sample Dup	Soluble	Solid	8015D	313270

Leach Batch: 313270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70603-1	H-1 (0.5')	Soluble	Solid	DI Leach	
880-70603-2	H-2 (0.5')	Soluble	Solid	DI Leach	
880-70603-3	H-3 (0.5')	Soluble	Solid	DI Leach	
880-70603-4	H-4 (0.5')	Soluble	Solid	DI Leach	
MB 860-313270/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 860-313270/4-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 860-313270/5-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

HPLC/IC

Prep Batch: 746678

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70603-1	H-1 (0.5')	Total/NA	Solid	8330B	
880-70603-2	H-2 (0.5')	Total/NA	Solid	8330B	
880-70603-3	H-3 (0.5')	Total/NA	Solid	8330B	
880-70603-4	H-4 (0.5')	Total/NA	Solid	8330B	
MB 280-746678/1-A	Method Blank	Total/NA	Solid	8330B	
LCS 280-746678/2-A	Lab Control Sample	Total/NA	Solid	8330B	
280-225963-B-10-B MS	Matrix Spike	Total/NA	Solid	8330B	
280-225963-B-10-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8330B	

QC Association Summary

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

HPLC/IC

Analysis Batch: 746802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70603-1	H-1 (0.5')	Total/NA	Solid	8330B	746678
880-70603-2	H-2 (0.5')	Total/NA	Solid	8330B	746678
880-70603-3	H-3 (0.5')	Total/NA	Solid	8330B	746678
880-70603-4	H-4 (0.5')	Total/NA	Solid	8330B	746678
MB 280-746678/1-A	Method Blank	Total/NA	Solid	8330B	746678
LCS 280-746678/2-A	Lab Control Sample	Total/NA	Solid	8330B	746678
280-225963-B-10-B MS	Matrix Spike	Total/NA	Solid	8330B	746678
280-225963-B-10-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8330B	746678

LCMS

Prep Batch: 911306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70603-1 - RA	H-1 (0.5')	Total/NA	Solid	1633A	
880-70603-1	H-1 (0.5')	Total/NA	Solid	1633A	
880-70603-2 - RA	H-2 (0.5')	Total/NA	Solid	1633A	
880-70603-2	H-2 (0.5')	Total/NA	Solid	1633A	
MB 320-911306/1-A - RA	Method Blank	Total/NA	Solid	1633A	
MB 320-911306/1-A	Method Blank	Total/NA	Solid	1633A	
LCS 320-911306/3-A - RA	Lab Control Sample	Total/NA	Solid	1633A	
LCS 320-911306/3-A	Lab Control Sample	Total/NA	Solid	1633A	
LCSD 320-911306/4-A - RA	Lab Control Sample Dup	Total/NA	Solid	1633A	
LCSD 320-911306/4-A	Lab Control Sample Dup	Total/NA	Solid	1633A	
LLCS 320-911306/2-A - RA	Lab Control Sample	Total/NA	Solid	1633A	
LLCS 320-911306/2-A	Lab Control Sample	Total/NA	Solid	1633A	

Analysis Batch: 911347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70603-1	H-1 (0.5')	Total/NA	Solid	1633A	911306
880-70603-2	H-2 (0.5')	Total/NA	Solid	1633A	911306
MB 320-911306/1-A	Method Blank	Total/NA	Solid	1633A	911306
LCS 320-911306/3-A	Lab Control Sample	Total/NA	Solid	1633A	911306
LCSD 320-911306/4-A	Lab Control Sample Dup	Total/NA	Solid	1633A	911306
LLCS 320-911306/2-A	Lab Control Sample	Total/NA	Solid	1633A	911306

Prep Batch: 911465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70603-3 - RA	H-3 (0.5')	Total/NA	Solid	1633A	
880-70603-3	H-3 (0.5')	Total/NA	Solid	1633A	
880-70603-4 - RA	H-4 (0.5')	Total/NA	Solid	1633A	
880-70603-4	H-4 (0.5')	Total/NA	Solid	1633A	
MB 320-911465/1-A - RA	Method Blank	Total/NA	Solid	1633A	
MB 320-911465/1-A	Method Blank	Total/NA	Solid	1633A	
LCS 320-911465/3-A - RA	Lab Control Sample	Total/NA	Solid	1633A	
LCS 320-911465/3-A	Lab Control Sample	Total/NA	Solid	1633A	
LCSD 320-911465/4-A - RA	Lab Control Sample Dup	Total/NA	Solid	1633A	
LCSD 320-911465/4-A	Lab Control Sample Dup	Total/NA	Solid	1633A	
LLCS 320-911465/2-A - RA	Lab Control Sample	Total/NA	Solid	1633A	
LLCS 320-911465/2-A	Lab Control Sample	Total/NA	Solid	1633A	

QC Association Summary

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

LCMS

Analysis Batch: 911666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 320-911465/1-A	Method Blank	Total/NA	Solid	1633A	911465
LCS 320-911465/3-A	Lab Control Sample	Total/NA	Solid	1633A	911465
LCSD 320-911465/4-A	Lab Control Sample Dup	Total/NA	Solid	1633A	911465
LLCS 320-911465/2-A	Lab Control Sample	Total/NA	Solid	1633A	911465

Analysis Batch: 911913

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70603-3	H-3 (0.5')	Total/NA	Solid	1633A	911465
880-70603-4	H-4 (0.5')	Total/NA	Solid	1633A	911465

Analysis Batch: 919045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70603-1 - RA	H-1 (0.5')	Total/NA	Solid	1633A	911306
880-70603-2 - RA	H-2 (0.5')	Total/NA	Solid	1633A	911306
MB 320-911306/1-A - RA	Method Blank	Total/NA	Solid	1633A	911306
LCS 320-911306/3-A - RA	Lab Control Sample	Total/NA	Solid	1633A	911306
LCSD 320-911306/4-A - RA	Lab Control Sample Dup	Total/NA	Solid	1633A	911306
LLCS 320-911306/2-A - RA	Lab Control Sample	Total/NA	Solid	1633A	911306

Analysis Batch: 919049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 320-911465/1-A - RA	Method Blank	Total/NA	Solid	1633A	911465
LCS 320-911465/3-A - RA	Lab Control Sample	Total/NA	Solid	1633A	911465
LCSD 320-911465/4-A - RA	Lab Control Sample Dup	Total/NA	Solid	1633A	911465
LLCS 320-911465/2-A - RA	Lab Control Sample	Total/NA	Solid	1633A	911465

Analysis Batch: 919051

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70603-3 - RA	H-3 (0.5')	Total/NA	Solid	1633A	911465
880-70603-4 - RA	H-4 (0.5')	Total/NA	Solid	1633A	911465

General Chemistry

Leach Batch: 316999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70603-1	H-1 (0.5')	Soluble	Solid	DI Leach	
880-70603-2	H-2 (0.5')	Soluble	Solid	DI Leach	
880-70603-3	H-3 (0.5')	Soluble	Solid	DI Leach	
880-70603-4	H-4 (0.5')	Soluble	Solid	DI Leach	
MB 860-316999/62-A	Method Blank	Soluble	Solid	DI Leach	
LCS 860-316999/63-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 860-316999/64-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-70603-4 MS	H-4 (0.5')	Soluble	Solid	DI Leach	
880-70603-4 MSD	H-4 (0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 317009

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70603-1	H-1 (0.5')	Soluble	Solid	9066	316999
880-70603-2	H-2 (0.5')	Soluble	Solid	9066	316999
880-70603-3	H-3 (0.5')	Soluble	Solid	9066	316999
880-70603-4	H-4 (0.5')	Soluble	Solid	9066	316999

QC Association Summary

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

General Chemistry (Continued)

Analysis Batch: 317009 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-316999/62-A	Method Blank	Soluble	Solid	9066	316999
LCS 860-316999/63-A	Lab Control Sample	Soluble	Solid	9066	316999
LCSD 860-316999/64-A	Lab Control Sample Dup	Soluble	Solid	9066	316999
880-70603-4 MS	H-4 (0.5')	Soluble	Solid	9066	316999
880-70603-4 MSD	H-4 (0.5')	Soluble	Solid	9066	316999

Analysis Batch: 910957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70603-1	H-1 (0.5')	Total/NA	Solid	1633	
880-70603-2	H-2 (0.5')	Total/NA	Solid	1633	
880-70603-3	H-3 (0.5')	Total/NA	Solid	1633	
880-70603-4	H-4 (0.5')	Total/NA	Solid	1633	
880-70601-A-20 DU	Duplicate	Total/NA	Solid	1633	

Lab Chronicle

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Client Sample ID: H-1 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70603-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.86 g	5 mL	315846	04/22/26 05:49	TH	EET HOU
Total/NA	Analysis	8270E		1	1 MJ/Kg	1 MJ/Kg	317143	04/26/26 08:24	EM	EET HOU
Soluble	Leach	DI Leach			10 g	10 mL	313270	04/13/26 14:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	313214	04/13/26 23:06	SP	EET HOU
Total/NA	Prep	8330B			10.64 g	40 mL	746678	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	746802	05/10/26 04:54	JZ	EET DEN
Total/NA	Analysis	1633		1			910957	04/09/26 10:52	JCB	EET SAC
Soluble	Leach	DI Leach			5.19 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 22:53	AK	EET HOU

Client Sample ID: H-1 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70603-1
Matrix: Solid
Percent Solids: 95.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A	RA		2.10 g	5.0 mL	911306	04/11/26 06:33	F1D	EET SAC
Total/NA	Analysis	1633A	RA	1			919045	04/12/26 11:53	SEY	EET SAC
Total/NA	Prep	1633A			2.10 g	5.0 mL	911306	04/11/26 06:33	F1D	EET SAC
Total/NA	Analysis	1633A		1			911347	04/12/26 11:53	JRB	EET SAC

Client Sample ID: H-2 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70603-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.66 g	5 mL	315846	04/22/26 05:49	TH	EET HOU
Total/NA	Analysis	8270E		1	1 MJ/Kg	1 MJ/Kg	317143	04/26/26 10:50	EM	EET HOU
Soluble	Leach	DI Leach			10.22 g	10 mL	313270	04/13/26 14:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	313214	04/13/26 23:23	SP	EET HOU
Total/NA	Prep	8330B			10.55 g	40 mL	746678	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	746802	05/10/26 05:15	JZ	EET DEN
Total/NA	Analysis	1633		1			910957	04/09/26 10:52	JCB	EET SAC
Soluble	Leach	DI Leach			5.37 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 22:56	AK	EET HOU

Client Sample ID: H-2 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70603-2
Matrix: Solid
Percent Solids: 95.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A	RA		2.17 g	5.0 mL	911306	04/11/26 06:33	F1D	EET SAC
Total/NA	Analysis	1633A	RA	1			919045	04/12/26 12:10	SEY	EET SAC
Total/NA	Prep	1633A			2.17 g	5.0 mL	911306	04/11/26 06:33	F1D	EET SAC
Total/NA	Analysis	1633A		1			911347	04/12/26 12:10	JRB	EET SAC

Lab Chronicle

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Client Sample ID: H-3 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70603-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.09 g	5 mL	315846	04/22/26 05:49	TH	EET HOU
Total/NA	Analysis	8270E		1	1 MJ/Kg	1 MJ/Kg	317143	04/26/26 08:53	EM	EET HOU
Soluble	Leach	DI Leach			10.24 g	10 mL	313270	04/13/26 14:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	313214	04/13/26 23:40	SP	EET HOU
Total/NA	Prep	8330B			10.30 g	40 mL	746678	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	746802	05/10/26 05:37	JZ	EET DEN
Total/NA	Analysis	1633		1			910957	04/09/26 10:52	JCB	EET SAC
Soluble	Leach	DI Leach			5.2 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 22:59	AK	EET HOU

Client Sample ID: H-3 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70603-3
Matrix: Solid
Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A	RA		2.15 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A	RA	1			919051	04/15/26 23:37	SEY	EET SAC
Total/NA	Prep	1633A			2.15 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A		1			911913	04/15/26 23:37	C1P	EET SAC

Client Sample ID: H-4 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70603-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			5.7 g	5 mL	315846	04/22/26 05:49	TH	EET HOU
Total/NA	Analysis	8270E		1	1 MJ/Kg	1 MJ/Kg	317143	04/26/26 12:18	EM	EET HOU
Soluble	Leach	DI Leach			10.01 g	10 mL	313270	04/13/26 14:00	SP	EET HOU
Soluble	Analysis	8015D		5	1 mL	1 mL	313214	04/13/26 23:58	SP	EET HOU
Total/NA	Prep	8330B			10.75 g	40 mL	746678	05/08/26 14:29	EKB	EET DEN
Total/NA	Analysis	8330B		1	1 mL	1 mL	746802	05/10/26 05:59	JZ	EET DEN
Total/NA	Analysis	1633		1			910957	04/09/26 10:52	JCB	EET SAC
Soluble	Leach	DI Leach			5.45 g	50 mL	316999	04/23/26 11:52	AK	EET HOU
Soluble	Analysis	9066		1	10 mL	10 mL	317009	04/23/26 23:02	AK	EET HOU

Client Sample ID: H-4 (0.5')
Date Collected: 03/31/26 00:00
Date Received: 04/07/26 09:30

Lab Sample ID: 880-70603-4
Matrix: Solid
Percent Solids: 96.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1633A	RA		2.17 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A	RA	1			919051	04/15/26 23:54	SEY	EET SAC
Total/NA	Prep	1633A			2.17 g	5.00 mL	911465	04/13/26 11:46	F1D	EET SAC
Total/NA	Analysis	1633A		1			911913	04/15/26 23:54	C1P	EET SAC

Lab Chronicle

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Laboratory: Eurofins Denver

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	2907.01	10-31-26
A2LA	ISO/IEC 17025	2907.01	10-31-26
Alaska (UST)	State	18-001	11-30-26
Arizona	State	AZ0713	12-20-26
Arkansas DEQ	State	88-00687	04-01-27
California	State	2513	01-08-27
Colorado	Petroleum Storage Tank Program	2907.01 (A2LA)	10-31-26
Colorado	State	CO00026	06-30-26
Connecticut	State	PH-0686	09-30-26
Florida	NELAP	E87667	06-30-26
Georgia	State	4025	01-08-27
Illinois	NELAP	200017	05-31-27
Iowa	State	370	12-01-26
Kansas	NELAP	E-10166	05-13-26
Kentucky (WW)	State	KY98047	12-31-26
Louisiana (All)	NELAP	30785	06-30-26
Minnesota	NELAP	1788752	12-31-26
Montana (DW)	State	CERT0117	01-01-27
Nevada	State	CO00026	07-31-26
New Hampshire	NELAP	2053	04-28-27
New Jersey	NELAP	CO004	06-30-26
New York	NELAP	11964	04-01-27
North Dakota	State	R-034	07-25-25 *
Oklahoma	NELAP	8614	12-31-26
Oregon	NELAP	4025	01-08-27
Pennsylvania	NELAP	68-00664	07-31-26
South Carolina	State	72002001	01-18-26 *
Texas	NELAP	T104704183	09-30-26
US Fish & Wildlife	US Federal Programs	058448	07-31-26
USDA	US Federal Programs	P330-20-00065	05-04-29
Utah	NELAP	CO00026	07-31-26
Virginia	NELAP	460232	06-14-26
Washington	State	C583	08-03-26
Wisconsin	State	999615430	08-31-26
Wyoming (UST)	A2LA	2907.01	10-31-26

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-05-26
Florida	NELAP	E871002	06-30-26
Louisiana (All)	NELAP	03054	06-30-26
New Mexico	State	TX00122	06-30-26
Oklahoma	NELAP	1306	12-31-26
Oregon	NELAP	4213-001	03-30-27
Texas	NELAP	T104704265	07-31-26
Texas	NELAP	T104704215	06-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Laboratory: Eurofins Houston (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	TCEQ Water Supply	T104704215	11-24-28
USDA	US Federal Programs	525-23-79-79507R1	04-10-29
Washington	State	C1114-26	03-22-27

Laboratory: Eurofins Sacramento

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska	State	CA00044	06-30-26
Alaska (UST)	State	17-020	02-20-27
ANAB	Dept. of Defense ELAP	L2468	01-20-27
ANAB	Dept. of Energy	L2468.01	01-20-27
ANAB	ISO/IEC 17025	L2468.03	01-20-27
Arizona	State	AZ0708	08-11-26
Arkansas DEQ	State	88-0691	05-17-26
California	State	2897	01-31-28
Colorado	State	CA00044	08-31-26
Florida	NELAP	E87570	06-30-26
Georgia	State	4040	01-29-27
Illinois	NELAP	200060	03-31-27
Kansas	NELAP	E-10375	05-13-26
Louisiana	NELAP	01944	06-30-26
Louisiana (All)	NELAP	01944	06-30-26
Maine	State	CA00004	04-14-28
Massachusetts	State	M-CA044	06-30-26
Michigan	State	9947	08-03-26
Minnesota	NELAP	006-999-474	04-15-26
Nevada	State	CA00044	07-31-26
New Jersey	NELAP	CA005	06-30-26
New York	NELAP	11666	04-01-27
Ohio	State	41252	01-29-27
Oregon	NELAP	4040	01-29-27
Texas	NELAP	T104704399-23-17	05-31-26
US Fish & Wildlife	US Federal Programs	A22139	04-30-26
USDA	US Federal Programs	525-23-59-76739	03-01-27
Utah	NELAP	CA000442023-16	02-28-27
Virginia	NELAP	460278	09-30-26
Washington	State	C581	05-05-26
West Virginia (DW)	State	9930C	01-31-27
West Virginia DEP	State	422	07-31-26
Wisconsin	State	998204680	08-31-26
Wyoming	State Program	8TMS-L	01-28-19 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Method	Method Description	Protocol	Laboratory
8015D	Glycols- Direct Injection (GC/FID)	SW846	EET HOU
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	EET SAC
1633	Percent Moisture	EPA	EET SAC
9066	Phenolics, Total Recoverable	SW846	EET HOU
1633A	Shake Extraction with SPE	EPA	EET SAC
DI Leach	Deionized Water Leaching Procedure	ASTM	EET HOU

Protocol References:

ASTM = ASTM International
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: Carmona Resources
Project/Site: Neptune 10 State Com East CTB

Job ID: 880-70603-1
SDG: 3197

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-70603-1	H-1 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas
880-70603-2	H-2 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas
880-70603-3	H-3 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas
880-70603-4	H-4 (0.5')	Solid	03/31/26 00:00	04/07/26 09:30	Texas

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Chain of Custody

Work Order No: _____

Page 1 of 1

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

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

State of Project:

Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Neptune 10 State Com East CTB	Turn Around	
Project Number:	3197	☑ Routine	☐ Rush
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	CMM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID:		
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:		
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-5.0	
Total Containers:		Corrected Temperature:		

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: Picric Acid	ANALYSIS REQUEST	Sample Comments
H-1 (0-0.5')	3/31/2026		X		G	1		X		
H-2 (0-0.5')	3/31/2026		X		G	1		X		
H-3 (0-0.5')	3/31/2026		X		G	1		X		
H-4 (0-0.5')	3/31/2026		X		G	1		X		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Conner Moehring	5/6/26		5.6.26 1336

Received by OCD: 6/16/2026 1:56:02 PM

5/29/2026 (Rev. 2)

Page 57 of 62

Released to Imaging: 6/26/2026 11:12:03 AM

Released to Imaging: 6/26/2026 11:12:03 AM
Received by OCD: 6/16/2026 1:56:02 PM

Chain of Custody

880-70603 Chain of Custody

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Neptune 10 State Com East CTB	Turn Around	
Project Number:	3197	☑ Routine ☐ Rush	
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	CMM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-9.2
Total Containers:		Corrected Temperature:	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: diethylene glycol monobutyl ether	Parameters: all Polyfluoroalkyl and Perfluoroalkyl Compounds (PFAS)
H-1 (0-0.5')	3/31/2026		X		G	3	X	X
H-2 (0-0.5')	3/31/2026		X		G	3	X	X
H-3 (0-0.5')	3/31/2026		X		G	3	X	X
H-4 (0-0.5')	3/31/2026		X		G	3	X	X

Sample Comments

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Conner Moehring	4/7/26.	Erin Ryan	4.7.26 930

Released to Imaging: 6/26/2026 11:12:03 AM
Received by OCD: 6/16/2026 1:56:02 PM

Eurofins Midland
1211 W Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer Jessica	Carrier Tracking No(s): N/A	COC No: 880-16060.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-70603-1
Address: 4145 Greenbriar Dr	Due Date Requested: 4/13/2026			Preservation Codes:
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Neptune 10 State Com East CTB	Project #: 88001158			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8016D_DAI_G/DI_LEACH(MOD) Glycols	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
H-1 (0.5') (880-70603-1)	3/31/26	Central	G	Solid			X	2	
H-2 (0 5') (880-70603-2)	3/31/26	Central	G	Solid			X	2	
H-3 (0.5') (880-70603-3)	3/31/26	Central	G	Solid			X	2	
H-4 (0.5') (880-70603-4)	3/31/26	Central	G	Solid			X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central LLC.

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: Received

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by: Tekby Randell Lee	Date/Time:	Company	Received by:	Date/Time: APR 08 2026	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: Time: 9:38	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 3.0

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-70603-1
SDG Number: 3197

Login Number: 70603
List Number: 1
Creator: Dyal, Erica

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.
Eurofins Midland

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-70603-1
SDG Number: 3197

Login Number: 70603
List Number: 2
Creator: Marrero, Misleydis

List Source: Eurofins Houston
List Creation: 04/08/26 12:57 PM

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.	True	
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	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-70603-1
SDG Number: 3197

Login Number: 70603
List Number: 3
Creator: Simmons, Jason C

List Source: Eurofins Sacramento
List Creation: 04/08/26 02:18 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.7c
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?	N/A	Received project as a subcontract.
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	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

APPENDIX F

NMOCD Correspondenc

Hadlie Stout

From: Hadlie Stout <Hadlie_Stout@eogresources.com>
Sent: Tuesday, March 31, 2026 8:08 AM
To: Wells, Shelly, EMNRD
Subject: Re: [EXTERNAL] Re: nAPP2604135535 NEPTUNE 10 STATE COM EAST CTB
Attachments: WORMALD-THUNDERSTORM-F-601A-ATC-1-3-ATC-AR-AFFF.pdf

Good morning Shelly,

Apologies for the back and forth - we were sent over the correct SDS for the Neptune release (attached). I'm locking in my answer.

We're going back and forth with operations and I was wondering if you and I could chat this morning about this Site? That way I stop blowing up your email inbox lol.

Thank ya ma'am,

Hadlie Stout
Environmental Representative II
Midland, TX
346-324-7612
eog resources

From: Hadlie Stout <Hadlie_Stout@eogresources.com>
Sent: Monday, March 30, 2026 4:05 PM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Subject: Re: [EXTERNAL] Re: nAPP2604135535 NEPTUNE 10 STATE COM EAST CTB

Howdy Shelly,

Please see the attached SDS!

Thank you,

Hadlie Stout
Environmental Representative II
Midland, TX
346-324-7612
eog resources

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Monday, March 30, 2026 3:54 PM

To: Hadlie Stout <Hadlie_Stout@eogresources.com>
Subject: RE: [EXTERNAL] Re: nAPP2604135535 NEPTUNE 10 STATE COM EAST CTB

CAUTION - External Sender
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.

Hi Hadlie,

I appreciate the quick response. I appreciate you getting the SDS to me when you can.

Kind regards,

Shelly

Shelly Wells * Senior Environmental Scientist
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

From: Hadlie Stout <Hadlie_Stout@eogresources.com>
Sent: Monday, March 30, 2026 1:11 PM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Subject: [EXTERNAL] Re: nAPP2604135535 NEPTUNE 10 STATE COM EAST CTB

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Hey Shelly,

Scratch that - Jal Volunteer Fire Department responded and did use a foam. I'm working to get that SDS from the volunteer fire department but they won't be able to send it over to me until tomorrow.

Best,

Hadlie Stout
Environmental Representative II
Midland, TX
346-324-7612

From: Hadlie Stout <Hadlie_Stout@eogresources.com>
Sent: Monday, March 30, 2026 1:50 PM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Subject: Re: nAPP2604135535 NEPTUNE 10 STATE COM EAST CTB

Hi Shelly,

Sorry for the delay in response - I was waiting on confirmation from safety.

We do not believe any well control foam was used to put out the fire and just let the fire burn out and extinguish itself over three days. A handheld fire extinguisher was used on the person injured at the Site but that was all.

Operations locked the gate to the Site to prevent anyone getting close to the fire until it burned itself out and they were able to conduct their investigation.

Thank you,

Hadlie Stout
Environmental Representative II
Midland, TX
346-324-7612
eog resources

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Monday, March 30, 2026 12:53 PM
To: Hadlie Stout <Hadlie_Stout@eogresources.com>
Subject: nAPP2604135535 NEPTUNE 10 STATE COM EAST CTB

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Hi Hadlie,

I recall that when this release occurred EOG mentioned using well control foam in order to put out the fire. Do you happen to have the SDS for the well control foam that was used? If so, can you please forward to me?

Kind regards,

Shelly

Shelly Wells * Senior Environmental Scientist
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

Hadlie Stout

From: OCDOnline@emnrd.nm.gov
Sent: Tuesday, March 31, 2026 12:09 PM
To: Hadlie_stout@eogresources.com
Subject: The Oil Conservation Division (OCD) has rejected the application, Application ID: 565915

CAUTION - External Sender
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To whom it may concern (c/o Hadlie Stout for EOG RESOURCES INC),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2604135535,
for the following reasons:

- **Remediation closure denied for the following reasons:**
- **Pursuant to 19.15.29.11.A.(5)(e) NMAC, if a known release of other oil field related chemicals occurs that is not included in Table I of 19.15.29.12 NMAC, and does not include oil, gas, produced water or other fluids from the wellstream, the standards for remediation shall be as follows: (i) if the constituent appears on Table 1 of 40 C.F.R. 261.24(b), then that constituent shall be remediated according to 40 C.F.R. 261.24; (ii) if the constituent is not identified in Table 1 of 40 C.F.R. 261.24(b), but is identified in the New Mexico environment department's Risk Assessment Guidance for Site Investigations and Remediation Volumes I and II (assessment), the division will determine the appropriate Assessment Volume and remediation shall occur pursuant to the assessment."**
- **As the tank battery fire was treated with ANSUL THUNDERSTORM F-601A ATC 1%-3% ATC-AR-AFFF with an SDS Date of 23 May 2008, the OCD is requiring that all samples be analyzed for all Polyfluoroalkyl and Perfluoroalkyl Compounds (PFAS) listed in Table A-1: NMED Soil Screening Levels. The OCD will utilize Table A-1: NMED Soil Screening Levels, "CW, DAF 20" for the Closure Criteria for the constituents listed above. If samples come back above the Closure Criteria, remediation must occur pursuant to 19.15.29 NMAC. In addition, samples should be tested for diethylene glycol monobutyl ether. As this constituent is not listed in either of the above Tables, it must be remediated until it is no longer found (ND).**
- **Submit an updated remediation closure report to OCD by 6/29/2026.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 565915.
Please review and make the required correction(s) prior to resubmitting.
If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,
Shelly Wells
Environmental Specialist-A

505-469-7520
Shelly.Wells@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

Hadlie Stout

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Tuesday, March 31, 2026 10:58 AM
To: Hadlie Stout
Cc: Bill Smith; Todd Wells; Conner Moehring; Kelton Beaird
Subject: RE: [EXTERNAL] EOG - Sampling Notification Variance - Neptune 10 State Com East CTB (Incident Number nAPP2604135535)

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Good morning Hadlie,

A variance to the two business day notice is accepted to collect confirmation samples from the excavation. They will need to be kept refrigerated until they are to be submitted for testing. Should contaminants be found above the approved limits, further remediation will need to occur pursuant to 19.15.29 NMAC.

Sincerely,

Shelly

Shelly Wells * Senior Environmental Scientist
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

From: Hadlie Stout <Hadlie_Stout@eogresources.com>
Sent: Tuesday, March 31, 2026 9:53 AM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Cc: Bill Smith <Bill_Smith@eogresources.com>; Todd Wells <Todd_Wells@eogresources.com>; Conner Moehring <cmoehring@carmonaresources.com>; Kelton Beaird <Kelton_Beaird@eogresources.com>
Subject: [EXTERNAL] EOG - Sampling Notification Variance - Neptune 10 State Com East CTB (Incident Number nAPP2604135535)

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good morning Shelly,

Thank you again for working with us on the Neptune 10 State Com East CTB. We really appreciate the time you're putting into this release for us.

EOG requests a variance for the required 48-hour sampling notification for the Neptune 10 State Com East CTB (Incident Number nAPP2604135535) to collect samples this afternoon, Tuesday, March 31, 2026.

Originally, 200 square foot composite samples were collected from the floor and sidewalls of the 0.5-foot excavation after a flash fire release at the Site and analyzed for BTEX, TPH, and chloride. Upon further correspondence with the OCD, an SDS sheet for the well control foam used during emergency responses was submitted to the OCD for review. Based on a preliminary review of the SDS, it's determined additional COCs will need to be analyzed for this release.

In order to work around operations rebuilding and re-lining the containment, EOG is requesting that we re-collect the 200 square foot composite samples within the previous excavation area so that we can run additional COCs prior to operations rebuilding the tank battery containment. Currently, operations is scheduled to re-line the containment tomorrow, April 1st. EOG is requesting we collect samples today and hold for analysis until we confirm with the OCD on what specific COCs will be required so that we can continue to work fluidly with the OCD and operations.

If you approve of this sampling request variance, a sampling notification will be submitted to the OCD online portal as soon as possible.

Please reach out if you have any questions or would like to discuss further.

Thank you,

Hadlie Stout
Environmental Representative II
Midland, TX
346-324-7612

Hadlie Stout

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Friday, May 8, 2026 11:01 AM
To: Hadlie Stout
Cc: Bratcher, Michael, EMNRD; Romero, Rosa, EMNRD; Hall, Brittany, EMNRD; Bill Smith; Todd Wells; Conner Moehring
Subject: RE: [EXTERNAL] Neptune PFAS Analysis Clarification (Incident Number nAPP2604135535)

CAUTION - External Sender
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.

Good morning Hadlie,

Within Table A-1, where it says "Refer to Section 5.3 on use of these preliminary screening levels" on the table (as seen in screenshot below) does seem to be a typo as section 5.4 is where PFAS is discussed in the document. The analytes listed on Table 5-2 are not the required analyte list, they are the most common chemicals that SHOULD be analyzed for. Potassium perfluorobutanesulfonate and Potassium perfluorooctanesulfonate are listed under the Polyfluoroalkyl and Perfluoroalkyl Compounds (PFAS) section of Table A-1: NMED Soil Screening Levels and therefore must be tested for as it was stated in the remediation closure denial on 3/31/26.

Sincerely,

Shelly

Shelly Wells * Senior Environmental Scientist
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

From: Hadlie Stout <Hadlie_Stout@eogresources.com>
Sent: Thursday, May 7, 2026 7:51 AM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Cc: Bill Smith <Bill_Smith@eogresources.com>; Todd Wells <Todd_Wells@eogresources.com>; Conner Moehring <cmoehring@carmonaresources.com>
Subject: [EXTERNAL] Neptune PFAS Analysis Clarification (Incident Number nAPP2604135535)

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Hey Shelly,

We've been working back and forth with the lab to analyze all of the requested compounds in the Risk Assessment Guidance but wanted to bring up something we are all confused on and ask for a variance on sampling.

The table referenced section 5.3 in the PFAS analytes but we believe this may be a typo. If you go to section 5.3 you'll find it's entire section is on soil nutrients and has nothing to do with PFAS.

Chemical	CAS	Residential Soil, Cancer (mg/kg)	Residential Soil, Noncancer (mg/kg)	Industrial/ Occupational Soil, Cancer (mg/kg)	Industrial/ Occupational Soil, Noncancer (mg/kg)	Construction Worker Soil, Cancer (mg/kg)	Construction Worker Soil, Noncancer (mg/kg)	Tap Water, Cancer (µg/L)
m-Nitrotoluene	99-08-1		6.16E+00		9.16E+01		2.69E+01	
o-Nitrotoluene	88-72-2	3.16E+01	7.04E+01	1.65E+02	1.17E+03	1.13E+03	3.19E+02	3.14E+00
p-Nitrotoluene	99-99-0	3.33E+02	2.47E+02	1.60E+03	3.67E+03	1.18E+04	1.08E+03	4.27E+01
Pentachlorobenzene	608-93-5		4.93E+01		7.33E+02		2.15E+02	
Pentachlorophenol (PCP)	87-86-5	9.85E+00	2.34E+02	4.45E+01	3.18E+03	3.46E+02	9.89E+02	4.13E-01
Perchlorate	14797-73-0		5.48E+01		9.08E+02		2.48E+02	
Polyfluoroalkyl and Perfluoroalkyl Compounds (PFAS) - Refer to Section 5.3 on use of these preliminary screening levels								
Perfluorobutanesulfonate	45187-15-3		1.85E+01		3.74E+02		8.07E+01	
Perfluorobutanesulfonic acid (PFBS)	375-73-5		1.85E+01		3.74E+02		8.07E+01	
Perfluorohexanesulfonate	108427-53-8		1.23E+00		2.49E+01		5.38E+00	
Perfluorohexanesulfonic acid (PFHxS)	355-46-4		1.23E+00		2.49E+01		5.38E+00	
Perfluorononanoate	72007-68-2		1.85E-01		3.74E+00		8.07E-01	
Perfluorononanoic acid (PFNA)	375-95-1		1.85E-01		3.74E+00		8.07E-01	
Perfluorooctanesulfonate	45298-90-6		1.85E-01		3.74E+00		8.07E-01	
Perfluorooctanesulfonic acid (PFOS)	1763-23-1		1.85E-01		3.74E+00		8.07E-01	
Perfluorooctanoate	45285-51-6	7.61E+01	1.85E-01	4.98E+02	3.74E+00	2.69E+03	8.07E-01	1.11E+01
Perfluorooctanoic acid (PFOA)	335-67-1	7.61E+01	1.85E-01	4.98E+02	3.74E+00	2.69E+03	8.07E-01	1.11E+01
Potassium perfluorobutanesulfonate	29420-49-3		1.85E+01		3.74E+02		8.07E+01	
Potassium perfluorooctanesulfonate	2795-39-3		1.85E-01		3.74E+00		8.07E-01	
Phenanthrene	85-01-8		1.85E+03		2.75E+04		8.07E+03	
Phenol	108-95-2		1.85E+04		2.75E+05		7.74E+04	
Picric Acid (2,4,6-Trinitrophenol)	88-89-1		1.23E+02		1.83E+03		5.38E+02	

If you go to section 5.4 in the PDF which starts on page 92, you'll find PFAS. On the next page 93 you'll find Table 5-2 which lists the required PFAS analyte list. Potassium perfluorobutanesulfonate and Potassium perfluorooctanesulfonate are not included to be required on this table. Based on review, we believe it was just a typo on the Risk Assessment Guidance.

Table 5-2. PFAS Analyte List

Analytical Name	Acronym	CAS Number
Perfluorotetradecanoic acid	PFTeA	376-06-7
Perfluorotridecanoic acid	PFTriA	72629-94-8
Perfluorododecanoic acid	PFDoA	307-55-1
Perfluoroundecanoic acid	PFUnA	2058-94-8
Perfluorodecanoic acid	PFDA	335-76-2
Perfluorononanoic acid	PFNA	375-95-1
Perfluorooctanoic acid	PFOA	335-67-1
Perfluoroheptanoic acid	PFHpA	375-85-9
Perfluorohexanoic acid	PFHxA	307-24-4
Perfluoropentanoic acid	PFPeA	2706-90-3
Perfluorobutanoic acid	PFBA	375-22-4
Perfluorodecanesulfonic acid	PFDS	335-77-3
Perfluorononanesulfonic acid	PFNS	68259-12-1
Perfluorooctanesulfonic acid	PFOS	1763-23-1
Perfluoroheptanesulfonic acid	PFHpS	375-82-8
Perfluorohexanesulfonic acid	PFHxS	355-46-4
Perfluoropentanesulfonic acid	PFPeS	2706-91-4
Perfluorobutanesulfonic acid	PFBS	375-73-5
Perfluoroictabesylfonamide	PFOSA	754-91-6
Fluorotelomer sulphonic acid 8:2	FtS 8:2	39108-34-4
Fluorotelomer sulphonic acid 6:2	FtS 6:2	27619-97-2
Fluorotelomer sulphonic acid 4:2	FtS 4:2	757124-72-4
2-(N-Ethylperfluoroactanesulfonamido) acetic acid	N-EtFOSAA	2991-50-6
2-(N-Methylperfluoroactanesulfonamido) acetic acid	N-MeFOSAA	2355-31-9

As such, EOG is requesting that Potassium perfluorobutanesulfonate and Potassium perfluorooctanesulfonate be excluded from analysis for this release.

Please reach out if you'd like to discuss further.

Thank you,

Hadlie Stout

Environmental Representative II

Midland, TX

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QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 596234
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2604135535**
Incident Name	**NAPP2604135535 NEPTUNE 10 STATE COM EAST CTB @ FAPP2203953917**
Incident Type	**Fire**
Incident Status	**Remediation Closure Report Received**
Incident Facility	**[fAPP2203953917] NEPTUNE 10 STATE COM EAST CTB**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	NEPTUNE 10 STATE COM EAST CTB
Date Release Discovered	02/09/2026
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Fire
Did this release result in a fire or is the result of a fire	Yes
Did this release result in any injuries	Yes
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	Cause: Fire | Production Tank | Crude Oil | Released: 634 BBL | Recovered: 0 BBL | Lost: 634 BBL.
Produced Water Released (bbls) Details	Cause: Fire | Production Tank | Produced Water | Released: 200 BBL | Recovered: 0 BBL | Lost: 200 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
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)	Maintenance was being performed on a circulating pump when a flash fire occurred, igniting the production tanks.

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QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 596234
	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;** **(2) an unauthorized release of a volume that:** **(a) results in a fire or is the result of a fire;** **(c) may with reasonable probability endanger public health.**
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	False
All free liquids and recoverable materials have been removed and managed appropriately	False
If all the actions described above have not been undertaken, explain why	The wells have been shut in to isolate any further source to the facility, however the facility is in the process of burning out under supervision of the fire dept and EOG Operations, therefore it is currently unsafe to access the site to contain or recover any free liquids.
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: Hadlie Stout Title: Environmental Representative II Email: Hadlie_stout@eogresources.com Date: 06/16/2026

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QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 596234
	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 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (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	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
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	Low
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
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.	
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)	2400
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	437.1
GRO+DRO (EPA SW-846 Method 8015M)	437.1
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	03/12/2026
On what date will (or did) the final sampling or liner inspection occur	03/31/2026
On what date will (or was) the remediation complete(d)	03/31/2026
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	5400
What is the estimated volume (in cubic yards) that will be remediated	100
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.	

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QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 596234
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
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.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(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	fJEG1635837366 OWL LANDFILL JAL
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.*
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 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: Hadlie Stout Title: Environmental Representative II Email: Hadlie_stout@eogresources.com Date: 06/16/2026
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.	

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QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 596234
	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

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QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 596234
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**569323**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**03/31/2026**
What was the (estimated) number of samples that were to be gathered	**35**
What was the sampling surface area in square feet	**5400**

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	5400
What was the total volume (cubic yards) remediated	100
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	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	excavation of impacted soil

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: Hadlie Stout Title: Environmental Representative II Email: Hadlie_stout@eogresources.com Date: 06/16/2026

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QUESTIONS (continued)

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	Action Number: 596234
	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

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CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 596234
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	Remediation closure approved.	6/26/2026