Remedial Actions and Variance Request
OWL SWD OPERATING, LLC
COG SOMBRERO HEADER
NAPP2405746227
32.21078, -103.43042
M-13-24S-34E

Introduction

Standard Safety and Supply (Standard) is pleased to submit this Remedial Actions and Variance Request to Owl SWD Operating, LLC, (Owl). Based on the Release Notification C-141 the spill was discovered on February 25, 2024, and was attributed to an injection header failure. There was an approximate net loss of thirty-five (35) barrels (bbls) of produced water. Attachment B: Figure 1 depicts the Site with respect to the nearest town and Figure 2 depicts the topographic features in the area.

Site Characterization

Based on a site characterization desktop review the area is within a Low Karst area. Furthermore, the spill flowed into a designated riverine. There are no other receptors [lakebed, playa, sinkhole, an occupied residence, school, hospital, institution, church, freshwater spring for domestic or stock watering purposes, other fresh water well/spring, municipal water boundary, wetland, subsurface mine, and/or an unstable area] within the specified distance set forth in the New Mexico Administrative Code 19.15.29.12. Upon review of the New Mexico Office of State Engineers and USGS databases, there is one water well (C-4868 POD1) within a ½-mile radius of the Site. The well was drilled in 2024 to a reported depth of one hundred and five (105) feet (ft) below ground surface (bgs) where no groundwater was encountered.

On October 15, 2025, a professional wetlands specialist from Whitenton Group, INC, (Whitenton) subcontracted through RESI solutions performed a wetlands delineation to disprove the riverine designation found in the National Wetlands Inventory. Whitenton personnel completed the wetlands delineation utilizing standard operating procedures from

the Corps of Engineers Wetland Delineation Manual and concluded that the riverine designation was disproved.

	NMAC Closure Criteria Remediation and Reclamation				
depths in feet (ft)	Benzene	BTEX	TPH (GRO-DRO)	TPH (GRO-DRO-MRO)	Chloride
0-4	10 mg/kg	50 mg/kg	---*	100 mg/kg	600 mg/kg
	* value must not exceed TPH (GRP-DRO-MRO) value				

The site characterization documentation used to characterize the site can be found in the report under Attachment C: Site Characterization. The Jurisdictional Water Delineation report and subsequent methodologies can be found attached.

Initial Assessment

On March 1, 2024, EIS Environmental & Permitting Solutions, LLC (EIS) conducted site assessment activities to assess the extent of impacts at the Site. Field screening results & sample locations are included in the attached workplan written by EIS under Attachment F: Work Plan for Closure of the COG Sombrero Incident.

Remedial Action Activities and Confirmation Sampling

OWL then contracted New Tech Global Environmental (NTGE) to carry out the workplan provided by EIS. NTGE proceeded with remedial actions at the site including the collection of confirmations samples up until July 10, 2025. OWL then contracted Standard on July 11, 2025, to complete remedial actions at the site. Base soil samples were collected as a five-point composite and represented an area no greater than 400 square feet. Sidewall samples were collected as a 5-point composite and represented an area no greater than 200 square feet. A total of 305 samples were collected throughout the lifespan of the project and includes depth change intervals in areas that required additional excavation. There was an estimated 5,780 cubic yards of impacted material excavated and hauled off to the closest approved disposal facility.

The confirmation sampling data can be found in this report under Attachment A: Table 2 Confirmation Sampling Analytical Data Table and the lab report and chain of custody can be found under Attachment E: Laboratory Analytical Method Documentation with Chain-of-Custody. The confirmation sample locations are located under Attachment B: Figure 3 Confirmation Sampling Map while photographs of the excavation area are under Attachment D: Photographic Log.

Variance Request

On behalf of the operator, this letter formally requests a variance to allow chloride-impacted soils to remain in place below a depth of four (4) feet below ground surface (bgs) at the referenced site.

Site characterization and confirmatory sampling were conducted from ground surface to 4 ft bgs in accordance with the most stringent applicable standards and NMOCD guidance. Analytical results demonstrate that soils within this interval meet applicable reclamation criteria. Based on these results, the upper soil horizon has been adequately characterized and remediated to a level that is protective of human health and the environment.

Chloride-impacted soils remain below 4 ft bgs; however, groundwater at the site is encountered at depths greater than approximately 105 ft bgs. Given this significant vertical separation, the potential for chloride migration to groundwater or surface via capillary action is extremely low. As such, leaving impacted soils in place below 4 ft bgs is considered equally protective of the environment when compared to additional excavation.

Furthermore, a previously identified wetland designation for the area has been evaluated and subsequently disproven. No jurisdictional wetlands are present at or near the site, eliminating concerns related to surface water interaction or ecological receptors that could otherwise warrant deeper soil removal.

It should also be noted that the excavation associated with this release has already been backfilled. This condition resulted from an incorrect site characterization performed by a previous consultant. Re-excavation to remove soils below 4 ft bgs would result in unnecessary disturbance without providing a corresponding environmental benefit.

Based on the low risk of reclamation failure, the depth to groundwater, the absence of wetlands, and the successful remediation and verification of surface soils we respectfully request NMOCD’s approval to leave chloride-impacted soils in place below 4 ft bgs at this site.

Closing

Based on the documented remedial action activities, and subsequent variance request, Standard on behalf of Pilot requests no further action designation for the Site.

If you have any questions regarding this report for [nAPP2405746227] – COG Sombrero Header please contact us at the following:

Address: 2524 Trunk St, Odessa TX 79761
Contact: 254-266-5456

Attachments

- Attachment A: Analytical Data Tables
    1. Table 2: Confirmation Assessment Analytical Data Table
- Attachment B: Figures
    1. Site Location Map
    2. Topographic Map
    3. Confirmation Sampling Map
- Attachment C: Site Characterization
    1. Site Characterization Summary Table
    2. OCD Well map and Karst Potential
    3. OSE POD
    4. Well Log
    5. Open Environment Wetlands
    6. Wetlands Inventory
    7. National Flood Hazard Layer
- Attachment D: Photographic Documentation
- Attachment E: Laboratory Analytical Method Documentation with Chain-of-Custody
- Attachment F: Work Plan for Closure of the COG Sombrero Incident

ATTACHEMENT A: ANALYTICAL DATA TABLES

Table 2: Confirmation Assessment Analytical Data Table
OWL SWD OPERATING, LLC
COG SOMBRERO HEADER
Lea County, New Mexico

STANDARD SAFETY & SUPPLY			Chloride	TPH Total (C6-C35)	GRO (C6-C12)	DRO (C12-C28)	GRO+DRO (C6-C28)	MRO (C28-C35)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX
Remediation and Reclamation Limits (GW >101ft)			20,000 mg/Kg	2,500 mg/Kg	---***	---***	1,000 mg/Kg	---****	10 mg/Kg	---*	---*	---*	50 mg/Kg
Reclamation Limits (0-4ft)			600 mg/Kg	100 mg/Kg	---**	---**	---**	---**	10 mg/Kg	---*	---*	---*	50 mg/Kg
Sample ID	Depth (ft)	Date											
SW-1	2.5'-4'	5/20/2025	**303**	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399
SW-2	0-4'	5/20/2025	**452**	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400
SW-3	~~0-4'~~	~~5/20/2025~~	~~**1,490**~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<0.00198~~	~~<0.00198~~	~~<0.00198~~	~~<0.00396~~	~~<0.00396~~
	0-4'	7/16/2025	<20.0	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
SW-4	~~0-4'~~	~~5/20/2025~~	~~**1,030**~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<0.00201~~	~~<0.00201~~	~~<0.00201~~	~~<0.00402~~	~~<0.00402~~
	0-4'	7/16/2025	<20.0	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
SW-5	~~0-4'~~	~~5/20/2025~~	~~**4,120**~~	~~<49.7~~	~~<49.7~~	~~<49.7~~	~~<49.7~~	~~<49.7~~	~~<0.00201~~	~~<0.00201~~	~~<0.00201~~	~~<0.00402~~	~~<0.00402~~
	0-4'	7/16/2025	<20.0	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
SW-6	~~0-4'~~	~~5/20/2025~~	~~**5,410**~~	~~<49.7~~	~~<49.7~~	~~<49.7~~	~~<49.7~~	~~<49.7~~	~~<0.00202~~	~~<0.00202~~	~~<0.00202~~	~~<0.00404~~	~~<0.00404~~
	0-4'	7/16/2025	**22.7**	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
SW-7	~~0-4'~~	~~5/20/2025~~	~~**3,780**~~	~~<50.0~~	~~<50.0~~	~~<50.0~~	~~<50.0~~	~~<50.0~~	~~<0.00199~~	~~<0.00199~~	~~<0.00199~~	~~<0.00398~~	~~<0.00398~~
	0-4'	7/16/2025	<20.0	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
SW-8	~~0-4'~~	~~5/20/2025~~	~~**8,260**~~	~~<50.0~~	~~<50.0~~	~~<50.0~~	~~<50.0~~	~~<50.0~~	~~<0.00200~~	~~<0.00200~~	~~<0.00200~~	~~<0.00399~~	~~<0.00399~~
	0-4'	7/16/2025	**24.8**	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
SW-9	~~0-4'~~	~~5/20/2025~~	~~**2,150**~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<0.00200~~	~~<0.00200~~	~~<0.00200~~	~~<0.00401~~	~~<0.00401~~
	0-4'	7/16/2025	**23.8**	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
SW-10	~~0-4'~~	~~5/20/2025~~	~~**4,630**~~	~~<49.9~~	~~<49.9~~	~~<49.9~~	~~<49.9~~	~~<49.9~~	~~<0.00199~~	~~<0.00199~~	~~<0.00199~~	~~<0.00398~~	~~<0.00398~~
	0-4'	7/16/2025	**28.6**	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
SW-11	0-4'	5/20/2025	**337**	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399
SW-12	0-4'	5/20/2025	**271**	<49.8	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397
SW-13	0-4'	5/20/2025	**103**	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399
SW-14	0-4'	5/20/2025	**354**	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402
SW-15	0-4'	5/20/2025	**180**	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404
SW-16	~~0-4'~~	~~5/20/2025~~	~~**9,900**~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<0.00199~~	~~<0.00199~~	~~<0.00199~~	~~<0.00398~~	~~<0.00398~~
	0-4'	7/16/2025	<20.0	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
SW-17	~~0-4'~~	~~5/20/2025~~	~~**1,330**~~	~~<49.9~~	~~<49.9~~	~~<49.9~~	~~<49.9~~	~~<49.9~~	~~<0.00198~~	~~<0.00198~~	~~<0.00198~~	~~<0.00397~~	~~<0.00397~~
	0-4'	7/16/2025	<20.0	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
SW-18	0-2'	5/20/2025	**144**	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402
SW-19	0-2.5'	5/20/2025	**402**	<49.8	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402
SW-20	0-0.5'	5/20/2025	**158**	<49.7	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404
SW-21	0.5-2.5'	5/20/2025	**450**	<49.8	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398
SW-22	0-2.5'	5/20/2025	**114**	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400
SW-23	~~2-2.5'~~	~~5/20/2025~~	~~**1,310**~~	~~<49.9~~	~~<49.9~~	~~<49.9~~	~~<49.9~~	~~<49.9~~	~~<0.00200~~	~~<0.00200~~	~~<0.00200~~	~~<0.00399~~	~~<0.00399~~
	2-2.5'	7/16/2025	<20.0	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
SW-24	~~0-2'~~	~~5/20/2025~~	~~**9,830**~~	~~<49.9~~	~~<49.9~~	~~<49.9~~	~~<49.9~~	~~<49.9~~	~~<0.00198~~	~~<0.00198~~	~~<0.00198~~	~~<0.00396~~	~~<0.00396~~
	0-2'	7/16/2025	**23.3**	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
SW-25	~~2-4'~~	~~5/20/2025~~	~~**922**~~	~~<50.0~~	~~<50.0~~	~~<50.0~~	~~<50.0~~	~~<50.0~~	~~<0.00202~~	~~<0.00202~~	~~<0.00202~~	~~<0.00404~~	~~<0.00404~~
	~~2-4'~~	~~7/16/2025~~	~~**870**~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	2-4'	8/8/2025	**50.3**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250

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Remediation and Reclamation Limits (GW >101ft)			20,000 mg/Kg	2,500 mg/Kg	---***	---***	1,000 mg/Kg	---****	10 mg/Kg	---*	---*	---*	50 mg/Kg
Reclamation Limits (0-4ft)			600 mg/Kg	100 mg/Kg	---**	---**	---**	---**	10 mg/Kg	---*	---*	---*	50 mg/Kg
Sample ID	Depth (ft)	Date											
SW-26	~~0-4'~~	~~5/20/2025~~	~~20,500~~	~~<49.7~~	~~<49.7~~	~~<49.7~~	~~<49.7~~	~~<49.7~~	~~<0.00201~~	~~<0.00201~~	~~<0.00201~~	~~<0.00402~~	~~<0.00402~~
	~~0-4'~~	~~7/16/2025~~	~~1,070~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	0-4'	8/8/2025	48	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-27	~~0-4'~~	~~5/20/2025~~	~~2,170~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<0.00199~~	~~<0.00199~~	~~<0.00199~~	~~<0.00398~~	~~<0.00398~~
	~~0-4'~~	~~7/16/2025~~	~~874~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	0-4'	8/8/2025	51.3	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-28	0-4'	5/20/2025	321	<49.7	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399
SW-29	~~3.5'-4'~~	~~5/20/2025~~	~~2,420~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<0.00201~~	~~<0.00201~~	~~<0.00201~~	~~<0.00402~~	~~<0.00402~~
	~~3.5-4'~~	~~7/16/2025~~	~~1,330~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	3.5-4'	8/8/2025	49.0	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-30	0-4'	5/20/2025	141	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404
SW-31	0-4'	5/20/2025	97.4	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398
SW-32	0-4'	5/20/2025	225	<49.8	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400
SW-33	0-4'	5/20/2025	138	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399
SW-34	0-4'	5/20/2025	99.7	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402
SW-35	0-4'	5/20/2025	338	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404
SW-36	1.5-4'	5/20/2025	92.6	<49.8	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398
SW-37	~~0-1.5'~~	~~5/20/2025~~	~~1,390~~	~~<49.7~~	~~<49.7~~	~~<49.7~~	~~<49.7~~	~~<49.7~~	~~<0.00200~~	~~<0.00200~~	~~<0.00200~~	~~<0.00400~~	~~<0.00400~~
	~~0-1.5'~~	~~7/16/2025~~	~~1,090~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	0-1.5'	8/8/2025	48.5	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-38	~~1'-1.5'~~	~~5/20/2025~~	~~2,510~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<0.00201~~	~~<0.00201~~	~~<0.00201~~	~~<0.00402~~	~~<0.00402~~
	~~1-1.5'~~	~~7/16/2025~~	~~920~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	1-1.5'	8/8/2025	50.1	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-39	~~0-1'~~	~~5/20/2025~~	~~1,170~~	~~<50.0~~	~~<50.0~~	~~<50.0~~	~~<50.0~~	~~<50.0~~	~~<0.00198~~	~~<0.00198~~	~~<0.00198~~	~~<0.00396~~	~~<0.00396~~
	~~0-1'~~	~~7/16/2025~~	~~998~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	0-1'	8/8/2025	50.9	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-40	~~1'-4'~~	~~5/20/2025~~	~~681~~	~~<49.9~~	~~<49.9~~	~~<49.9~~	~~<49.9~~	~~<49.9~~	~~<0.00200~~	~~<0.00200~~	~~<0.00200~~	~~<0.00399~~	~~<0.00399~~
	~~1-4'~~	~~7/16/2025~~	~~1,140~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	1-4'	8/8/2025	32.6	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-41	~~0-4'~~	~~5/20/2025~~	~~1,840~~	~~<49.7~~	~~<49.7~~	~~<49.7~~	~~<49.7~~	~~<49.7~~	~~<0.00199~~	~~<0.00199~~	~~<0.00199~~	~~<0.00398~~	~~<0.00398~~
	~~0-4'~~	~~7/16/2025~~	~~924~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	0-4'	8/8/2025	30.5	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-42	0-4'	5/20/2025	420	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402
SW-43	3-4'	5/20/2025	440	<49.8	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398
SW-44	0-3'	5/20/2025	341	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400
SW-45	1-3'	5/20/2025	253	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402
SW-46	0-1'	5/20/2025	166	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402
SW-47	1-2'	5/20/2025	148	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396
SW-48	0-2'	5/20/2025	196	<49.8	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398

Table 2: Confirmation Assessment Analytical Data Table
OWL SWD OPERATING, LLC
COG SOMBRERO HEADER
Lea County, New Mexico

STANDARD SAFETY & SUPPLY			Chloride	TPH Total (C6-C35)	GRO (C6-C12)	DRO (C12-C28)	GRO+DRO (C6-C28)	MRO (C28-C35)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX
Remediation and Reclamation Limits (GW >101ft)			20,000 mg/Kg	2,500 mg/Kg	---***	---***	1,000 mg/Kg	---****	10 mg/Kg	---*	---*	---*	50 mg/Kg
Reclamation Limits (0-4ft)			600 mg/Kg	100 mg/Kg	---**	---**	---**	---**	10 mg/Kg	---*	---*	---*	50 mg/Kg
Sample ID	Depth (ft)	Date											
SW-49	~~2'-3.5'~~	~~5/20/2025~~	~~666~~	~~<49.9~~	~~<49.9~~	~~<49.9~~	~~<49.9~~	~~<49.9~~	~~<0.00202~~	~~<0.00202~~	~~<0.00202~~	~~<0.00404~~	~~<0.00404~~
	~~2-3.5'~~	~~7/16/2025~~	~~716~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	2-3.5'	8/8/2025	28.6	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-50	~~0-3.5'~~	~~5/20/2025~~	~~2,060~~	~~<50.0~~	~~<50.0~~	~~<50.0~~	~~<50.0~~	~~<50.0~~	~~<0.00198~~	~~<0.00198~~	~~<0.00198~~	~~<0.00396~~	~~<0.00396~~
	~~0-3.5'~~	~~7/16/2025~~	~~720~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	0-3.5'	8/8/2025	34.1	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-51	0-3.5'	5/20/2025	95.8	<49.7	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399
SW-52	0-2'	5/20/2025	366	<49.8	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400
SW-53	~~0-1'~~	~~5/20/2025~~	~~1,800~~	~~<50.0~~	~~<50.0~~	~~<50.0~~	~~<50.0~~	~~<50.0~~	~~<0.00200~~	~~<0.00200~~	~~<0.00200~~	~~<0.00399~~	~~<0.00399~~
	~~0-1'~~	~~7/16/2025~~	~~1,150~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	0-1'	8/8/2025	26.4	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-54	~~0-3'~~	~~5/20/2025~~	~~3,640~~	~~<50.0~~	~~<50.0~~	~~<50.0~~	~~<50.0~~	~~<50.0~~	~~<0.00201~~	~~<0.00201~~	~~<0.00201~~	~~<0.00402~~	~~<0.00402~~
	~~0-3'~~	~~7/16/2025~~	~~840~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	0-3'	8/8/2025	27.7	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-55	~~0-4'~~	~~5/20/2025~~	~~3,810~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<0.00202~~	~~<0.00202~~	~~<0.00202~~	~~<0.00404~~	~~<0.00404~~
	~~0-4'~~	~~7/16/2025~~	~~964~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	0-4'	8/8/2025	25.3	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-56	~~0-4'~~	~~5/20/2025~~	~~37,500~~	~~<49.7~~	~~<49.7~~	~~<49.7~~	~~<49.7~~	~~<49.7~~	~~<0.00199~~	~~<0.00199~~	~~<0.00199~~	~~<0.00398~~	~~<0.00398~~
	~~0-4'~~	~~7/16/2025~~	~~833~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	0-4'	8/8/2025	24.9	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	0.0817	0.0817
SW-57	~~0-1'~~	~~5/20/2025~~	~~18,900~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<0.00198~~	~~<0.00198~~	~~<0.00198~~	~~<0.00396~~	~~<0.00396~~
	~~0-1'~~	~~7/16/2025~~	~~641~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	0-1'	8/8/2025	25.9	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-58	~~0-1.5'~~	~~5/20/2025~~	~~4,390~~	~~<49.9~~	~~<49.9~~	~~<49.9~~	~~<49.9~~	~~<49.9~~	~~<0.00202~~	~~<0.00202~~	~~<0.00202~~	~~<0.00404~~	~~<0.00404~~
	~~0-1.5'~~	~~7/16/2025~~	~~975~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	0-1.5'	8/8/2025	27.4	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-59	~~0-4'~~	~~5/20/2025~~	~~1,130~~	~~<50.0~~	~~<50.0~~	~~<50.0~~	~~<50.0~~	~~<50.0~~	~~<0.00198~~	~~<0.00198~~	~~<0.00198~~	~~<0.00396~~	~~<0.00396~~
	~~0-4'~~	~~7/16/2025~~	~~838~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	0-4'	8/8/2025	<20.0	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-60	0-4'	5/20/2025	497	<49.8	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399
SW-61	~~0-4'~~	~~5/20/2025~~	~~1,320~~	~~<49.7~~	~~<49.7~~	~~<49.7~~	~~<49.7~~	~~<49.7~~	~~<0.00201~~	~~<0.00201~~	~~<0.00201~~	~~<0.00402~~	~~<0.00402~~
	~~0-4'~~	~~7/16/2025~~	~~871~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	0-4'	8/8/2025	<20.0	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-62	~~0-4'~~	~~5/20/2025~~	~~1,500~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<0.00199~~	~~<0.00199~~	~~<0.00199~~	~~<0.00398~~	~~<0.00398~~
	~~0-4'~~	~~7/16/2025~~	~~754~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	0-4'	8/8/2025	<20.0	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-63	~~0-4'~~	~~5/20/2025~~	~~977~~	~~<49.9~~	~~<49.9~~	~~<49.9~~	~~<49.9~~	~~<49.9~~	~~<0.00200~~	~~<0.00200~~	~~<0.00200~~	~~<0.00400~~	~~<0.00400~~
	~~0-4'~~	~~7/16/2025~~	~~1,020~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	0-4'	8/8/2025	<20.0	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-64	0-4'	5/20/2025	445	<49.8	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402

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STANDARD SAFETY & SUPPLY			Chloride	TPH Total (C6-C35)	GRO (C6-C12)	DRO (C12-C28)	GRO+DRO (C6-C28)	MRO (C28-C35)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX
Remediation and Reclamation Limits (GW >101ft)			20,000 mg/Kg	2,500 mg/Kg	---***	---***	1,000 mg/Kg	---****	10 mg/Kg	---*	---*	---*	50 mg/Kg
Reclamation Limits (0-4ft)			600 mg/Kg	100 mg/Kg	---**	---**	---**	---**	10 mg/Kg	---*	---*	---*	50 mg/Kg
Sample ID	Depth (ft)	Date											
SW-65	~~0-4'~~	~~5/20/2025~~	~~866~~	~~<49.9~~	~~<49.9~~	~~<49.9~~	~~<49.9~~	~~<49.9~~	~~<0.00201~~	~~<0.00201~~	~~<0.00201~~	~~<0.00402~~	~~<0.00402~~
	0-4'	7/16/2025	583	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
SW-66	~~0-2.5~~	~~7/16/2025~~	~~606~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	0-2.5	8/8/2025	<20.0	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-67	0-2.5	7/16/2025	508	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
SW-68	2.5-4	7/16/2025	<20.0	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
SW-69	0-4	7/16/2025	<20.0	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
SW-70	0-4	7/16/2025	<20.0	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
SW-71	0-4	7/16/2025	<20.0	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
SW-72	0-4	7/16/2025	<20.0	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
SW-73	2.5-4	7/16/2025	<20.0	30.3	<20.0	30.3	30.3	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
SW-74	0-2.5	7/16/2025	<20.0	25.9	<20.0	25.9	25.9	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
SW-75	0-2.5	7/16/2025	<20.0	26.9	<20.0	26.9	26.9	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
SW-76	2.5'-4'	6/19/2025	46.6	54.2	<20.0	<25.0	<50.0	54.2	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-77	0-4'	6/19/2025	34.6	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-78	0-4'	6/19/2025	<20.0	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-79	3.5'-4'	6/19/2025	33.8	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-80	0-3.5'	6/19/2025	<20.0	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-81	~~0-3.5'~~	~~6/19/2025~~	~~632~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<50.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0250~~
	0-3.5	7/16/2025	<20.0	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
SW-82	3.5'-4'	6/19/2025	54.9	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-83	0-4'	6/19/2025	25.9	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-84	1'-4'	6/19/2025	<20.0	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-85	2.5'-4'	6/19/2025	54.5	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-86	~~0-2.5~~	~~7/16/2025~~	~~<20.0~~	~~108.4~~	~~<20.0~~	~~33~~	~~33~~	~~75.4~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	0-2.5	8/8/2025	<20.0	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-87	1-2.5	7/16/2025	<20.0	53.8	<20.0	<25.0	<25.0	53.8	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
SW-88	0-1	7/16/2025	104	51.4	<20.0	<25.0	<25.0	51.4	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
SW-89	0-1	7/16/2025	24.7	65.8	<20.0	<25.0	<25.0	65.8	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
SW-90	0-1	7/16/2025	102	31.2	<20.0	31.2	31.2	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
SW-91	~~1-2'~~	~~7/16/2025~~	~~2,130~~	~~37.6~~	~~<20.0~~	~~37.6~~	~~37.6~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	0-3'	8/8/2025	<20.0	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-92	~~1-2'~~	~~7/16/2025~~	~~1,570~~	~~44.9~~	~~<20.0~~	~~44.9~~	~~44.9~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	1-2'	8/8/2025	118	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-93	0-4	7/16/2025	<20.0	27.7	<20.0	27.7	27.7	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
SW-94	0-1	7/16/2025	<20.0	37.1	<20.0	37.1	37.1	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
SW-95	1-3'	7/16/2025	<20.0	39.7	<20.0	39.7	39.7	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
SW-96	0-2	7/16/2025	<20.0	36.8	<20.0	36.8	36.8	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
SW-97	0-3	8/8/2025	137	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-98	2-3'	8/8/2025	113	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250

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COG SOMBRERO HEADER
Lea County, New Mexico

STANDARD SAFETY & SUPPLY			Chloride	TPH Total (C6-C35)	GRO (C6-C12)	DRO (C12-C28)	GRO+DRO (C6-C28)	MRO (C28-C35)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX
Remediation and Reclamation Limits (GW >101ft)			20,000 mg/Kg	2,500 mg/Kg	---***	---***	1,000 mg/Kg	---****	10 mg/Kg	---*	---*	---*	50 mg/Kg
Reclamation Limits (0-4ft)			600 mg/Kg	100 mg/Kg	---**	---**	---**	---**	10 mg/Kg	---*	---*	---*	50 mg/Kg
Sample ID	Depth (ft)	Date											
SW-99	0-2	8/8/2025	**106**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-100	1-2'	8/8/2025	**142**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-101	2-3'	8/8/2025	**54.1**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-102	2-3'	8/8/2025	**52.8**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-103	1-3'	8/8/2025	**59.2**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-104	0-3'	8/8/2025	**52.7**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-105	1-3'	8/8/2025	**114**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-106	1-2'	8/8/2025	**55.9**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
SW-107	0-3	8/8/2025	**50.6**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
CS-1	4'	5/20/2025	**3,000**	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402
CS-2	4'	5/20/2025	**3,490**	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401
CS-3	4'	5/20/2025	**2,110**	<49.8	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398
CS-4	4'	5/20/2025	**2,450**	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399
CS-5	4'	5/20/2025	**2,310**	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404
CS-6	4'	5/20/2025	**4,600**	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402
CS-7	4'	5/20/2025	**3,540**	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401
CS-8	4'	5/20/2025	**3,480**	<49.8	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399
CS-9	4'	5/20/2025	**4,610**	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403
CS-10	4'	5/20/2025	**889**	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399
CS-11	4'	5/20/2025	**2,990**	<49.7	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404
CS-12	4'	5/20/2025	**2,680**	<49.8	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397
CS-13	4'	5/20/2025	**2,020**	<49.7	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403
CS-14	4'	5/20/2025	**4,880**	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396
CS-15	4'	5/20/2025	**4,510**	<49.8	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403
CS-16	4'	5/20/2025	**2,450**	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399
CS-17	4'	5/20/2025	**1,740**	<49.8	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398
CS-18	4'	5/20/2025	**2,750**	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396
CS-19	4'	5/20/2025	**4,020**	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402
CS-20	4'	5/20/2025	**3,180**	<49.8	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403
CS-21	4'	5/20/2025	**3,270**	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399
CS-22	4'	5/20/2025	**692**	<49.8	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402
CS-23	4'	5/20/2025	**392**	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401
CS-24	4'	5/20/2025	**501**	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398
CS-25	4'	5/20/2025	**551**	<49.8	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397
CS-26	4'	5/20/2025	**175**	<49.7	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400
CS-27	4'	5/20/2025	**308**	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398
CS-28	4'	5/20/2025	**2,430**	<49.8	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402
CS-29	4'	5/20/2025	**770**	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404
CS-30	4'	5/20/2025	**1,820**	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402
CS-31	4'	5/20/2025	**1,370**	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401

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STANDARD SAFETY & SUPPLY			Chloride	TPH Total (C6-C35)	GRO (C6-C12)	DRO (C12-C28)	GRO+DRO (C6-C28)	MRO (C28-C35)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX
Remediation and Reclamation Limits (GW >101ft)			20,000 mg/Kg	2,500 mg/Kg	---***	---***	1,000 mg/Kg	---****	10 mg/Kg	---*	---*	---*	50 mg/Kg
Reclamation Limits (0-4ft)			600 mg/Kg	100 mg/Kg	---**	---**	---**	---**	10 mg/Kg	---*	---*	---*	50 mg/Kg
Sample ID	Depth (ft)	Date											
CS-32	4'	5/20/2025	**439**	<49.8	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398
CS-33	4'	5/20/2025	**1,060**	<49.7	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396
CS-34	~~2'~~	~~5/20/2025~~	~~**880**~~	~~<50.0~~	~~<50.0~~	~~<50.0~~	~~<50.0~~	~~<50.0~~	~~<0.00202~~	~~<0.00202~~	~~<0.00202~~	~~<0.00403~~	~~<0.00403~~
	2.5'	7/16/2025	<20.0	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
CS-35	2.5'	5/20/2025	**120**	<49.8	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399
CS-36	0.5'	5/20/2025	**100**	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402
CS-37	3.5'	5/20/2025	**121**	<49.8	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403
CS-38	2'	5/20/2025	**123**	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398
CS-39	1'	5/20/2025	**174**	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398
CS-40	3'	5/20/2025	**373**	<49.8	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402
CS-41	3'	5/20/2025	**369**	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398
CS-42	4'	5/20/2025	**398**	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403
CS-43	4'	5/20/2025	**552**	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404
CS-44	1'	5/20/2025	**261**	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401
CS-45	1'	5/20/2025	**394**	<49.6	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399
CS-46	~~1'~~	~~5/20/2025~~	~~**1,460**~~	~~<49.7~~	~~<49.7~~	~~<49.7~~	~~<49.7~~	~~<49.7~~	~~<0.00201~~	~~<0.00201~~	~~<0.00201~~	~~<0.00402~~	~~<0.00402~~
	2	7/16/2025	**31.4**	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
CS-47	~~1.5'~~	~~5/20/2025~~	~~**1,490**~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<0.00200~~	~~<0.00200~~	~~<0.00200~~	~~<0.00401~~	~~<0.00401~~
	2.5	7/16/2025	<20.0	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
CS-48	~~1.5'~~	~~5/20/2025~~	~~**3,910**~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<49.8~~	~~<0.00199~~	~~<0.00199~~	~~<0.00199~~	~~<0.00398~~	~~<0.00398~~
	2.5	7/16/2025	**22.8**	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
CS-49	2.5	7/16/2025	**23.4**	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
CS-50	2.5	7/16/2025	<20.0	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
CS-51	2.5	7/16/2025	**22.8**	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
CS-52	4	7/16/2025	**24.5**	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
CS-53	4	7/16/2025	**25.4**	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
CS-54	2.5	7/16/2025	**20.3**	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
CS-55	4'	6/19/2025	**30.3**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.00250	<0.00250	<0.00250	<0.00500	<0.00250
CS-56	4'	6/19/2025	<20.0	<50.0	<20.0	<25.0	<50.0	<50.0	<0.00250	<0.00250	<0.00250	<0.00500	<0.00250
CS-57	3.5'	6/19/2025	**218**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.00250	<0.00250	<0.00250	<0.00500	<0.00250
CS-58	3.5'	6/19/2025	<20.0	<50.0	<20.0	<25.0	<50.0	<50.0	<0.00250	<0.00250	<0.00250	<0.00500	<0.00250
CS-59	4'	6/19/2025	**21.9**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.00250	<0.00250	<0.00250	<0.00500	<0.00250
CS-60	4'	6/19/2025	**25.2**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.00250	<0.00250	<0.00250	<0.00500	<0.00250
CS-61	4'	6/19/2025	**22.7**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.00250	<0.00250	<0.00250	<0.00500	<0.00250
CS-62	~~2.5~~	~~7/16/2025~~	~~**773**~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	3	8/8/2025	**120**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
CS-63	~~2.5~~	~~7/16/2025~~	~~**1020**~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	3	8/8/2025	**93.8**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
CS-64	2.5	7/16/2025	<20.0	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
CS-65	2.5	7/16/2025	**202**	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500

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Remediation and Reclamation Limits (GW >101ft)			20,000 mg/Kg	2,500 mg/Kg	---***	---***	1,000 mg/Kg	---****	10 mg/Kg	---*	---*	---*	50 mg/Kg
Reclamation Limits (0-4ft)			600 mg/Kg	100 mg/Kg	---**	---**	---**	---**	10 mg/Kg	---*	---*	---*	50 mg/Kg
Sample ID	Depth (ft)	Date											
CS-66	1	7/16/2025	**44.5**	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
CS-67	~~1~~	~~7/16/2025~~	~~**669**~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	2	8/8/2025	**120**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
CS-68	~~1~~	~~7/16/2025~~	~~**1130**~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	2	8/8/2025	**365**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
CS-69	1	7/16/2025	**244**	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
CS-70	~~1~~	~~7/16/2025~~	~~**2540**~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	2	8/8/2025	**255**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
CS-71	1	7/16/2025	**178**	**61.6**	<20.0	<25.0	<25.0	**61.6**	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
CS-72	1	7/16/2025	**391**	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
CS-73	~~1~~	~~7/16/2025~~	~~**850**~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	2	8/8/2025	**223**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
CS-74	1	7/16/2025	<20.0	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
CS-75	~~1~~	~~7/16/2025~~	~~**2720**~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	2	8/8/2025	**206**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
CS-76	~~1~~	~~7/16/2025~~	~~**1960**~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	2	8/8/2025	**193**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
CS-77	1	7/16/2025	**181**	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
CS-78	1	7/16/2025	**175**	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
CS-79	~~1~~	~~7/16/2025~~	~~**1180**~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	2	8/8/2025	**178**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
CS-80	1	7/16/2025	**59.3**	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
CS-81	~~1~~	~~7/16/2025~~	~~**5820**~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	3	8/8/2025	**166**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
CS-82	~~1~~	~~7/16/2025~~	~~**3380**~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	3	8/8/2025	**180**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
CS-83	~~1~~	~~7/16/2025~~	~~**1220**~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	3	8/8/2025	**183**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
CS-84	~~1~~	~~7/16/2025~~	~~**1060**~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	3	8/8/2025	**195**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
CS-85	~~1~~	~~7/16/2025~~	~~**1540**~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	3	8/8/2025	**119**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
CS-86	~~1~~	~~7/16/2025~~	~~**30400**~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	3	8/8/2025	<20.0	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
CS-87	~~1~~	~~7/16/2025~~	~~**1740**~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	3	8/8/2025	<20.0	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
CS-88	1	7/16/2025	**88.7**	**45.6**	<20.0	**45.6**	**45.6**	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
CS-89	~~1~~	~~7/16/2025~~	~~**657**~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	3	8/8/2025	**<20.0**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250

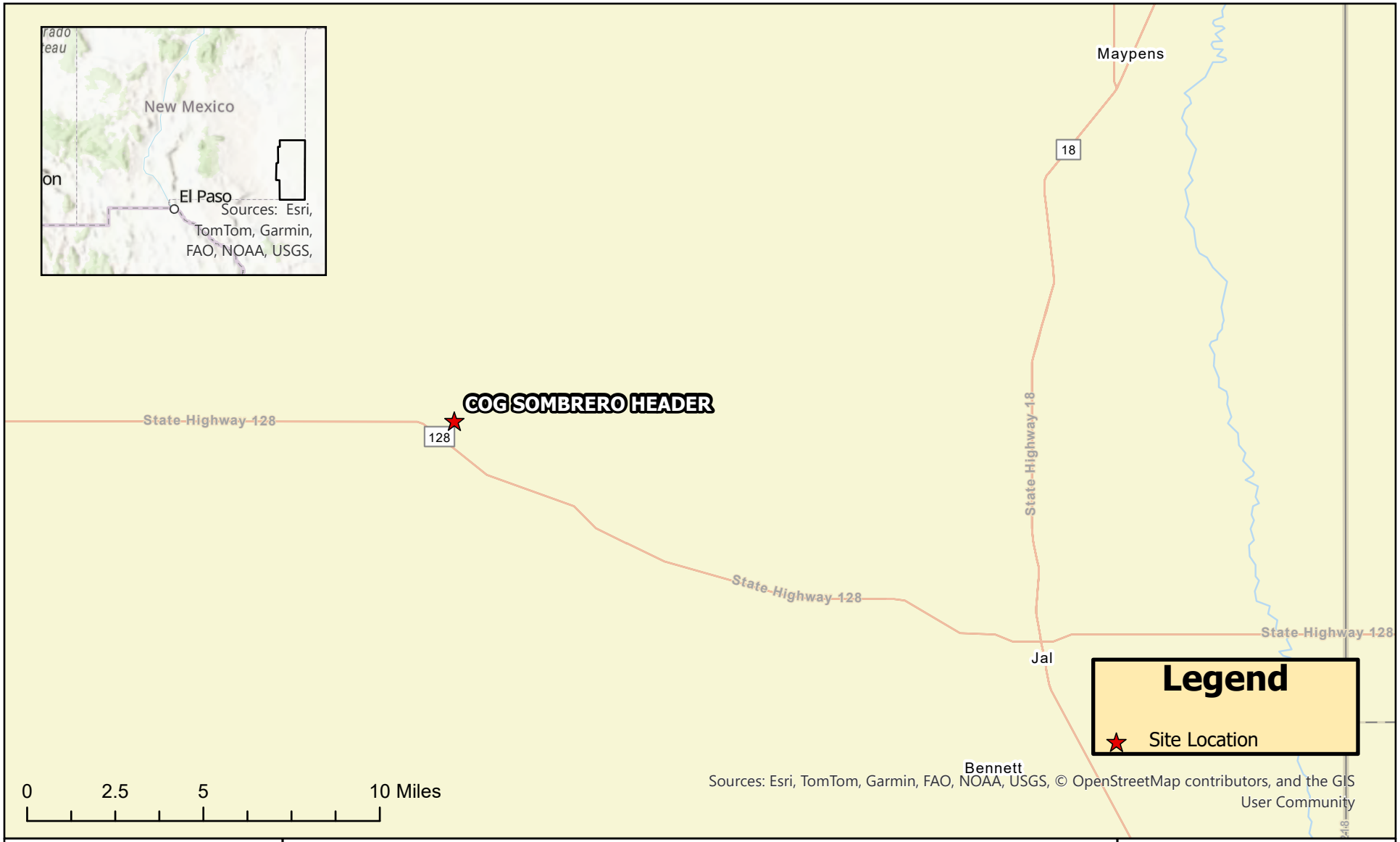
Table 2: Confirmation Assessment Analytical Data Table
OWL SWD OPERATING, LLC
COG SOMBRERO HEADER
Lea County, New Mexico

STANDARD SAFETY & SUPPLY			Chloride	TPH Total (C6-C35)	GRO (C6-C12)	DRO (C12-C28)	GRO+DRO (C6-C28)	MRO (C28-C35)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX
Remediation and Reclamation Limits (GW >101ft)			20,000 mg/Kg	2,500 mg/Kg	---***	---***	1,000 mg/Kg	---****	10 mg/Kg	---*	---*	---*	50 mg/Kg
Reclamation Limits (0-4ft)			600 mg/Kg	100 mg/Kg	---**	---**	---**	---**	10 mg/Kg	---*	---*	---*	50 mg/Kg
Sample ID	Depth (ft)	Date											
CS-90	~~1~~	~~7/16/2025~~	~~**1120**~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	3	8/8/2025	**<20.0**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
CS-91	~~1~~	~~7/16/2025~~	~~**3820**~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	3	8/8/2025	**46.9**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
CS-92	~~1~~	~~7/16/2025~~	~~**360**~~	~~**255**~~	~~<20.0~~	~~**106**~~	~~**106**~~	~~**149**~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	3	8/8/2025	**44.9**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
CS-93	~~1~~	~~7/16/2025~~	~~**5300**~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	3	8/8/2025	**<20.0**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
CS-94	~~2~~	~~7/16/2025~~	~~**285**~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	3	8/8/2025	**<20.0**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
CS-95	~~2~~	~~7/16/2025~~	~~**2740**~~	~~<50.0~~	~~<20.0~~	~~<25.0~~	~~<25.0~~	~~<50.0~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	3	8/8/2025	**<20.0**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
CS-96	~~2~~	~~7/16/2025~~	~~**624**~~	~~**549**~~	~~<20.0~~	~~**264**~~	~~**264**~~	~~**285**~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0500~~	~~<0.0500~~
	3	8/8/2025	**<20.0**	<50.0	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250
CS-97	3.5	7/16/2025	**32**	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
CS-98	4	7/16/2025	<20.0	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
CS-99	4	7/16/2025	**36.1**	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
CS-100	4	7/16/2025	<20.0	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
CS-101	4	7/16/2025	<20.0	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
CS-102	4	7/16/2025	**28.4**	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
CS-103	4	7/16/2025	<20.0	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
CS-104	4	7/16/2025	**31.1**	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
CS-105	4	7/16/2025	**22.4**	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
CS-106	4	7/16/2025	<20.0	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
CS-107	1	7/16/2025	<20.0	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
CS-108	4	7/16/2025	<20.0	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
CS-109	4	7/16/2025	<20.0	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
CS-110	2	7/16/2025	**20.9**	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
BF-2	Surface	6/4/2025	<20.0	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500
BF-3	Surface	6/4/2025	<20.0	<50.0	<20.0	<25.0	<25.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500

Notes

1. mg/kg - milligram per kilogram
2. TPH - Total Petroleum Hydrocarbons
3. (CS) - Confirmation Sample
4. (SW) - Sidewall Sample
5. * Indicates Value must be equal to or less than Total BTEX
6. ** Indicates that total value must be equal to or less than total TPH
7. *** Indicates that total value must be equal to or less than GRO+DRO total
8. **** Indicates that Total value must be equal or less than total TPH
9. H = Horizontal Sample
10. V= Vertical Sample
11. Remediation Limits
12. Reclamation Limits (0-4ft below ground surface)

ATTACHMENT B: FIGURES

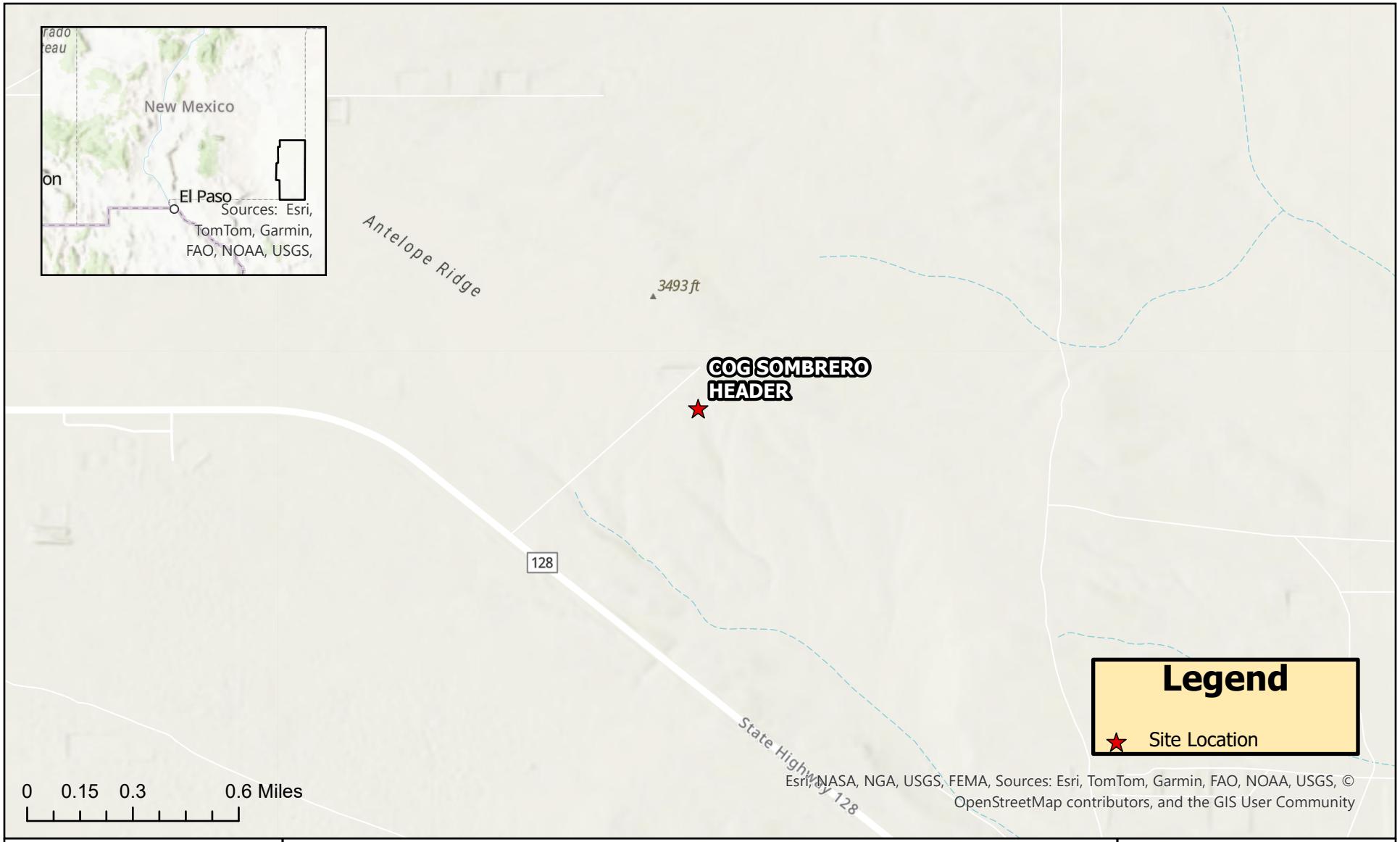


COG SOMBRERO HEADER
PILOT WATER SOLUTIONS

Figure 1. (Site Location Map)
Release Date: 02/25/2024
Lea County, New Mexico

08/26/2025

Coordinates: 32.21078,-103.43042



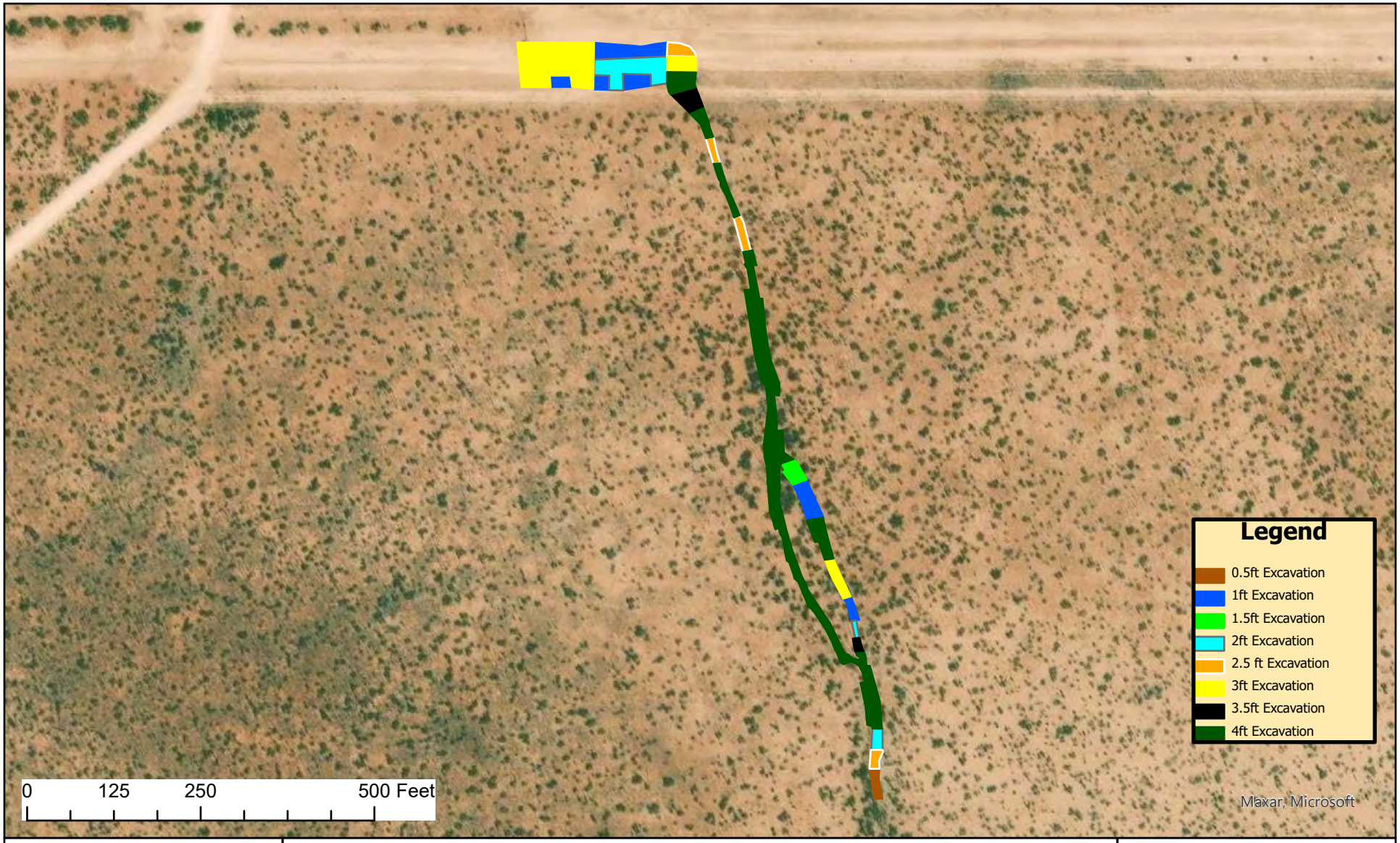
COG SOMBRERO HEADER
PILOT WATER SOLUTIONS

Figure 1. (Site Location Map)
Release Date: 02/25/2024
Lea County, New Mexico

08/26/2025

Coordinates: 32.21078,-103.43042

N



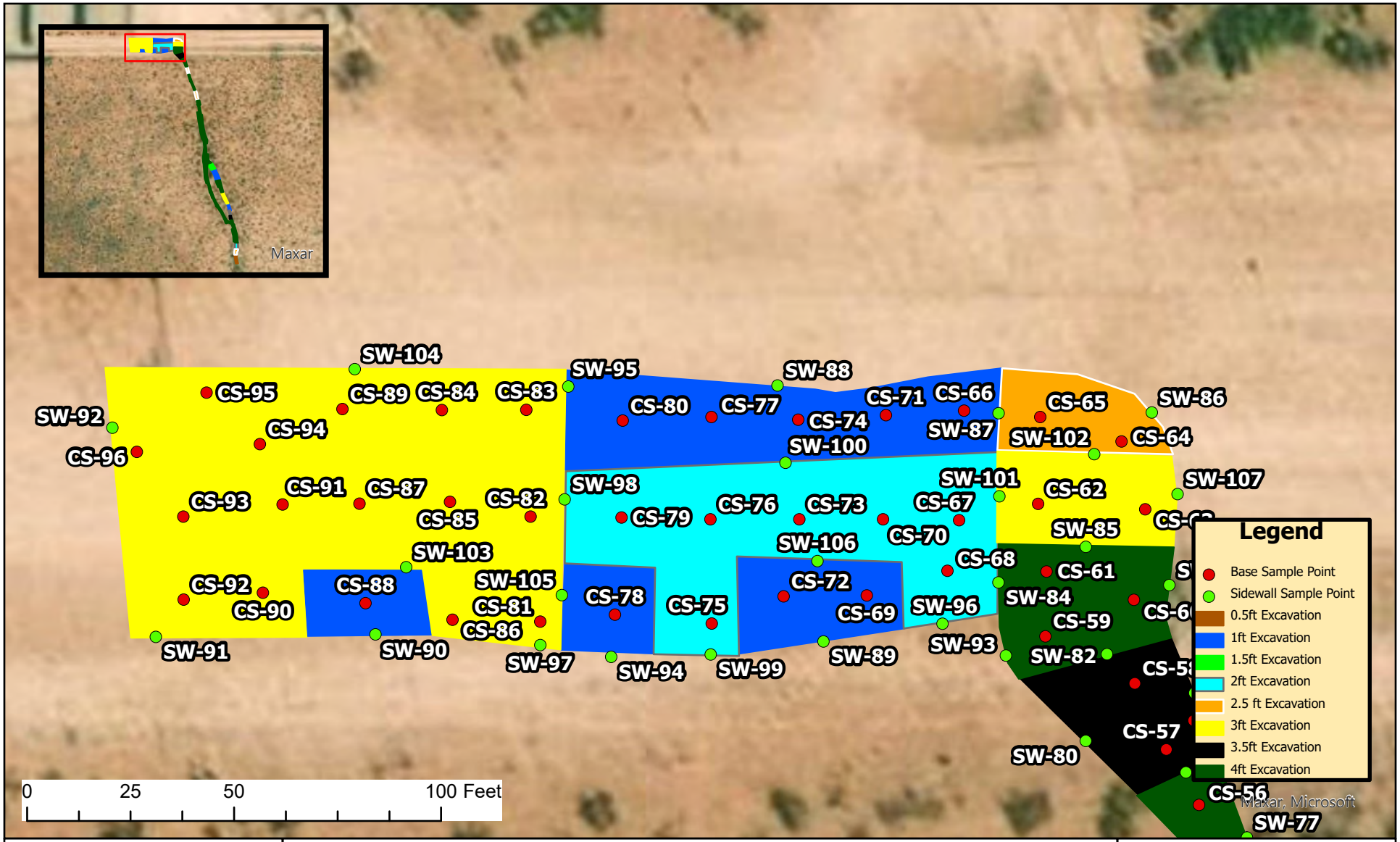
COG SOMBRERO HEADER
OWL SWD OPERATING, LLC

Figure 4. (Confirmation Sampling Map Overview)
Release Date: 02/25/2024
Lea County, New Mexico

08/27/2025

Coordinates: 32.21078,-103.43042

N



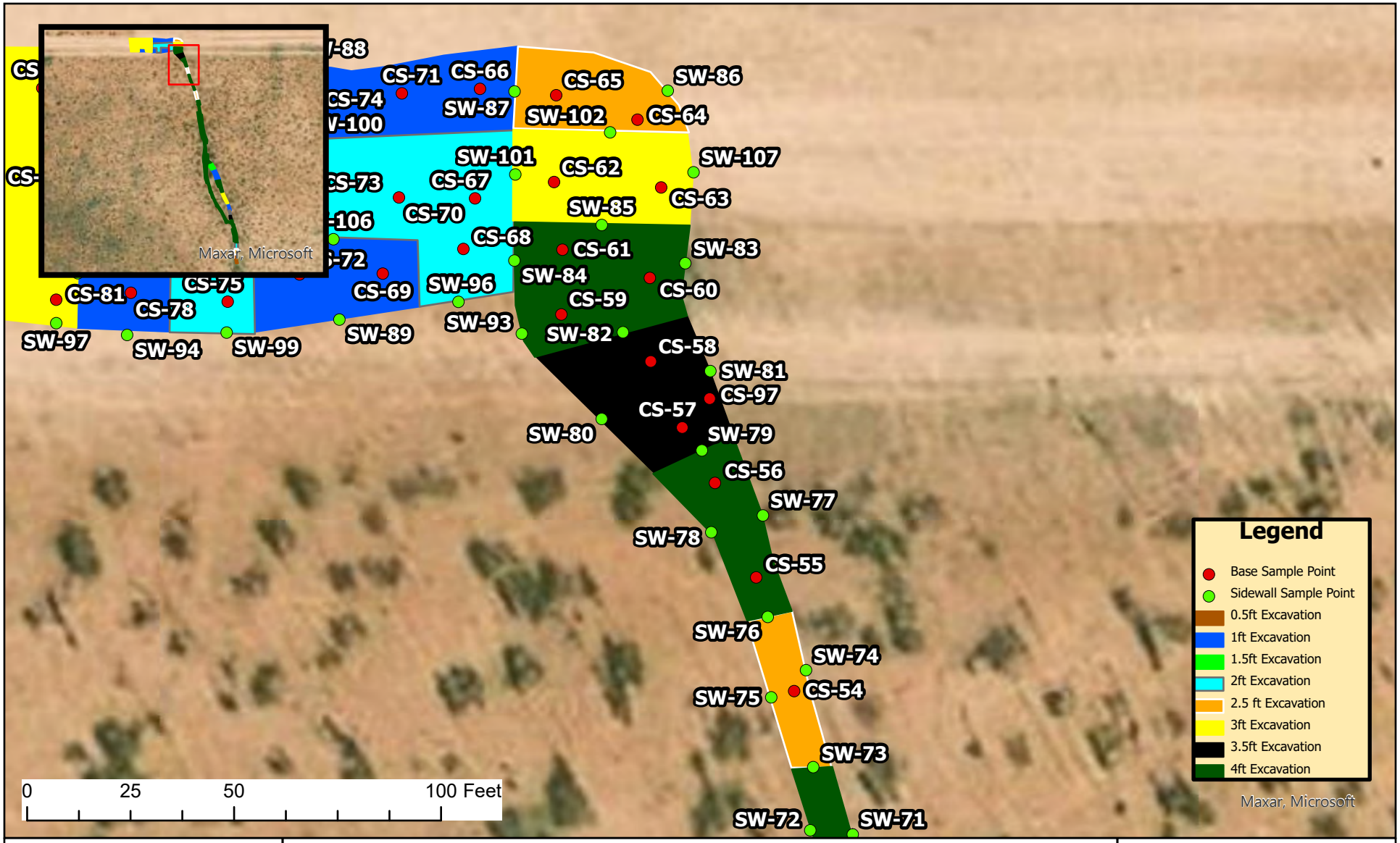
COG SOMBRERO HEADER
OWL SWD OPERATING, LLC

Figure 4. (Confirmation Sampling Map Exploded)
Release Date: 02/25/2024
Lea County, New Mexico

08/26/2025

Coordinates: 32.21078,-103.43042

N



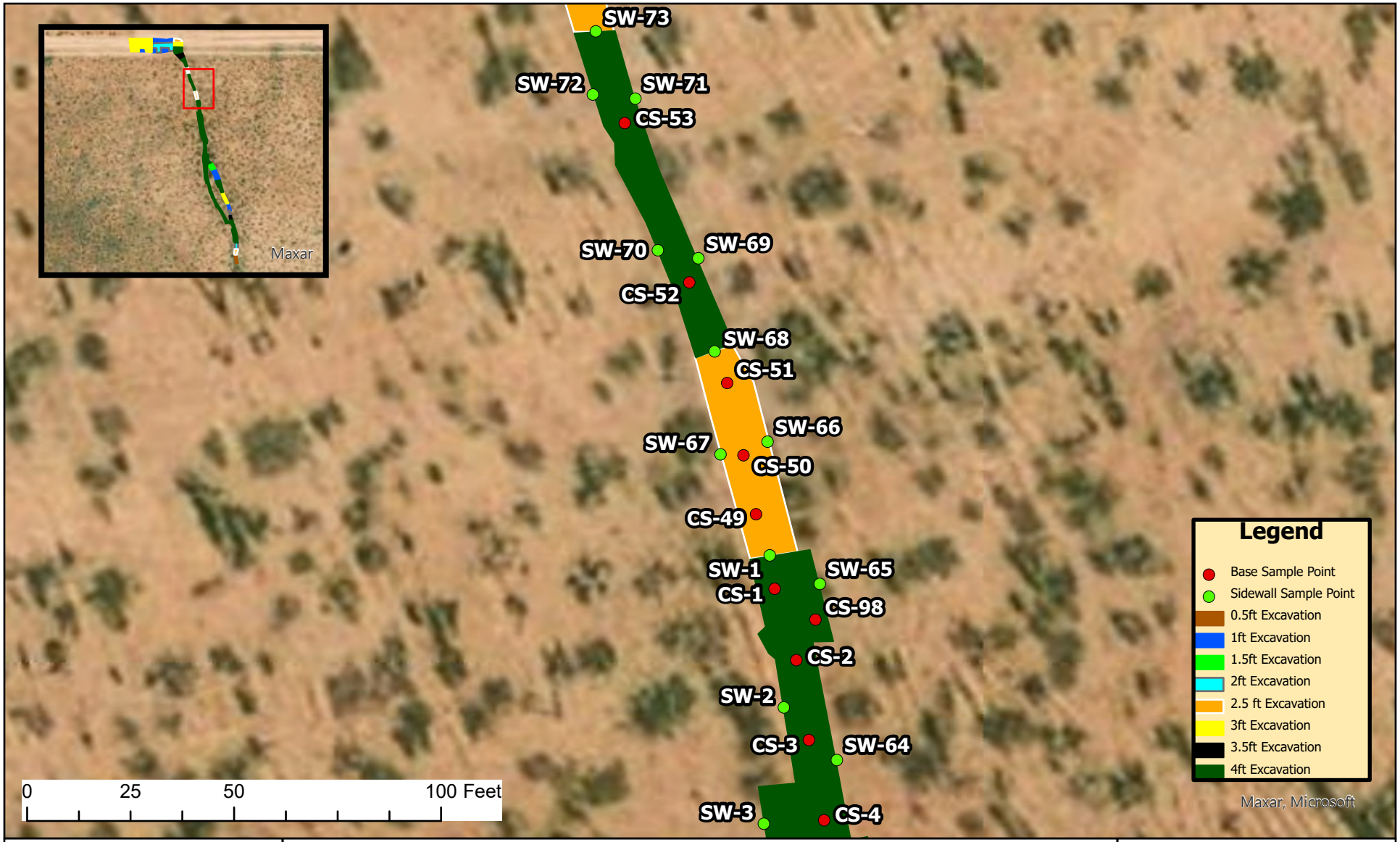
COG SOMBRERO HEADER
OWL SWD OPERATING, LLC

Figure 4. (Confirmation Sampling Map Exploded)
Release Date: 02/25/2024
Lea County, New Mexico

08/26/2025

Coordinates: 32.21078,-103.43042

N



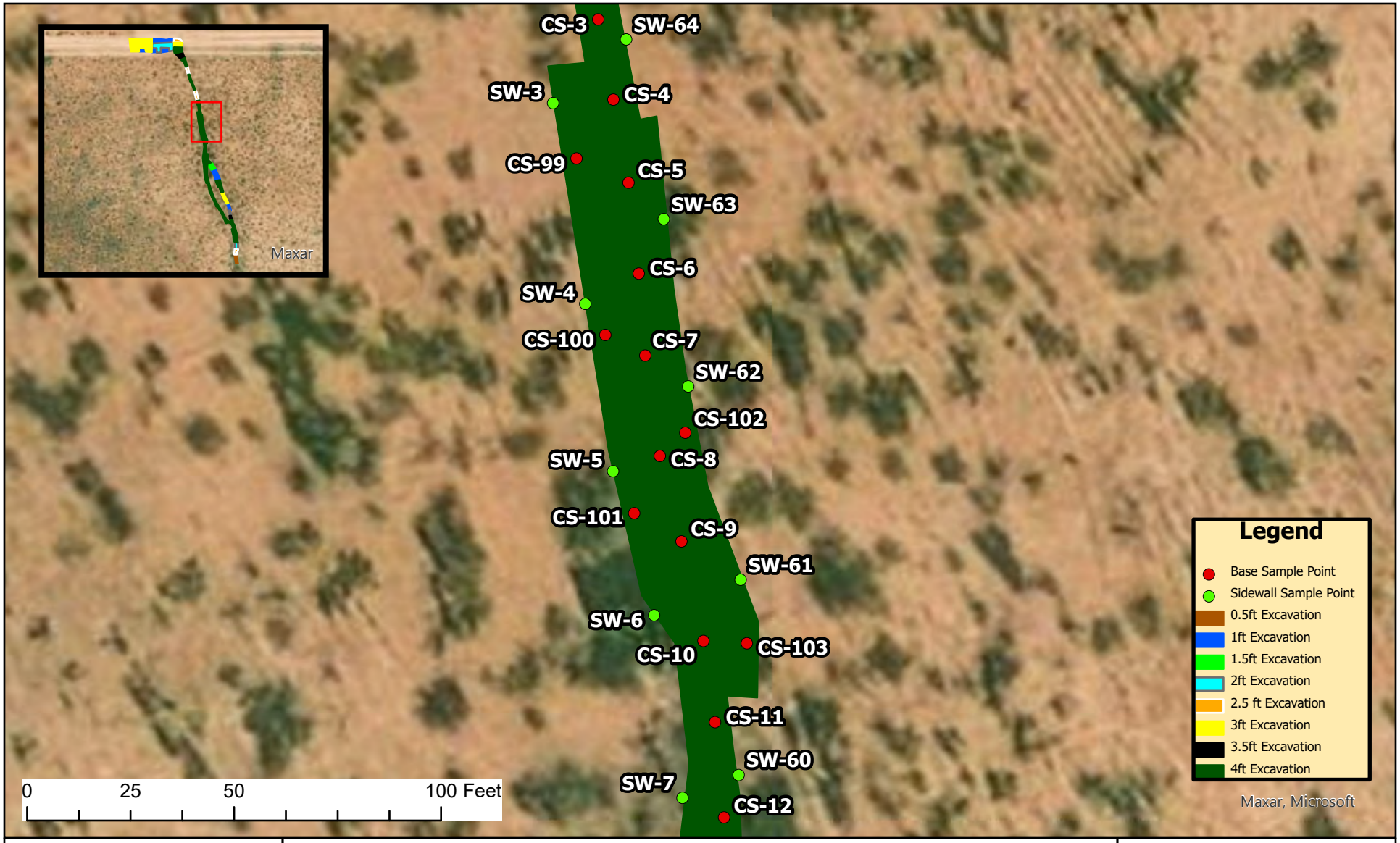
COG SOMBRERO HEADER
OWL SWD OPERATING, LLC

Figure 4. (Confirmation Sampling Map Exploded)
Release Date: 02/25/2024
Lea County, New Mexico

08/26/2025

Coordinates: 32.21078,-103.43042

N



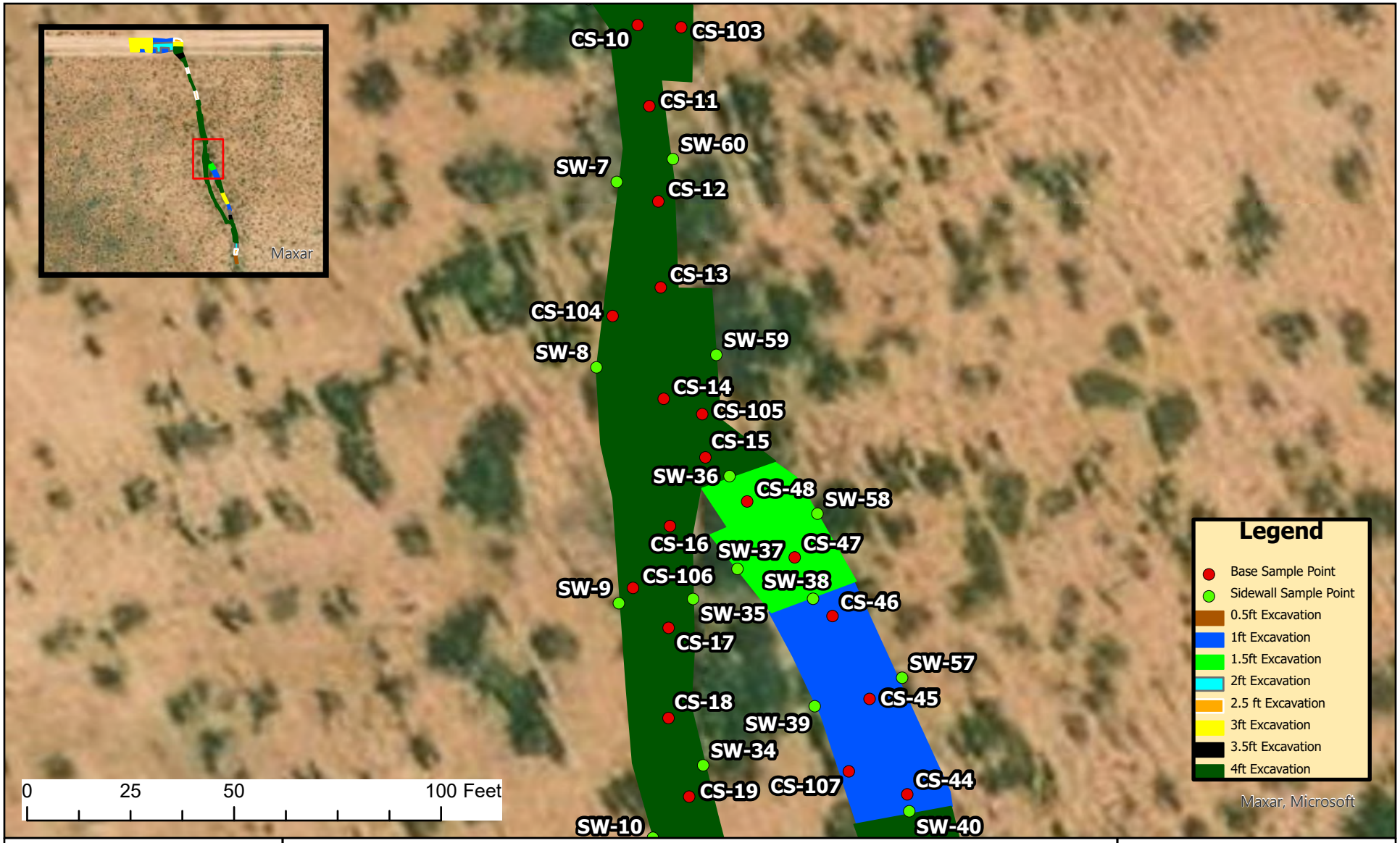
COG SOMBRERO HEADER
OWL SWD OPERATING, LLC

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Figure 4. (Confirmation Sampling Map Exploded)
Release Date: 02/25/2024
Lea County, New Mexico

08/26/2025

Coordinates: 32.21078,-103.43042



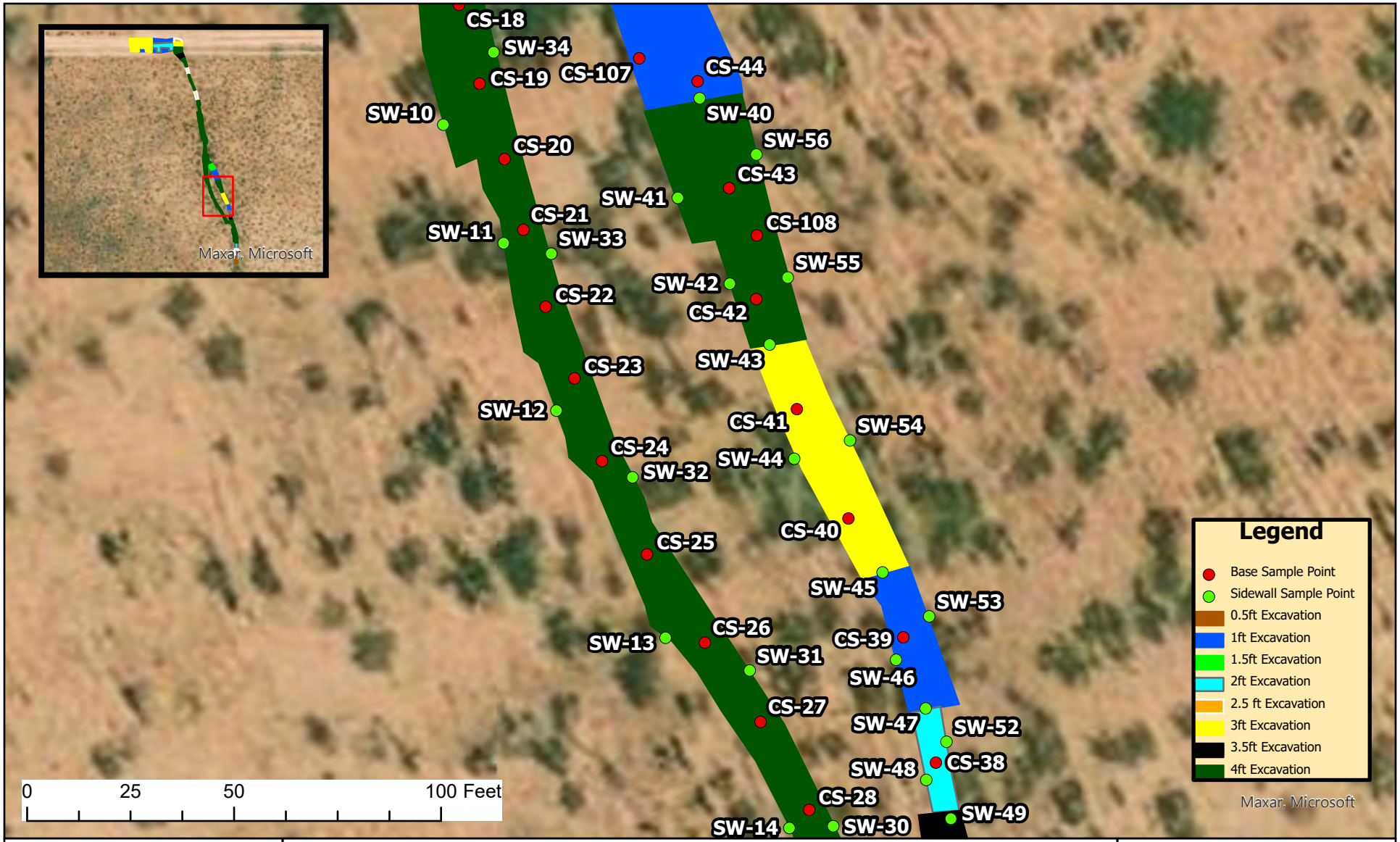
COG SOMBRERO HEADER
OWL SWD OPERATING, LLC

Figure 4. (Confirmation Sampling Map Exploded)
Release Date: 02/25/2024
Lea County, New Mexico

08/26/2025

Coordinates: 32.21078,-103.43042

N



STANDARD SAFETY & SUPPLY

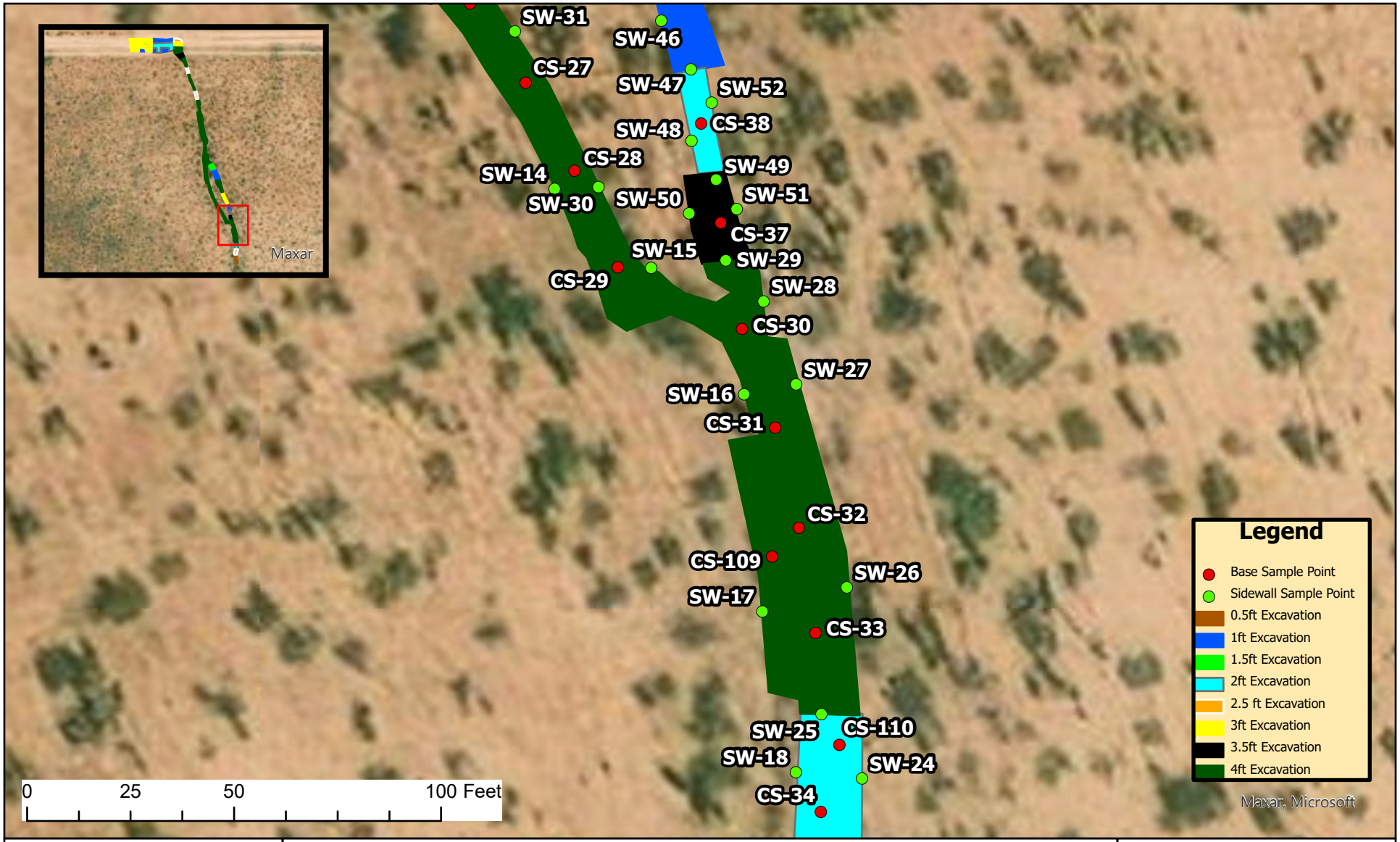
COG SOMBRERO HEADER
OWL SWD OPERATING, LLC

Figure 4. (Confirmation Sampling Map Exploded)
Release Date: 02/25/2024
Lea County, New Mexico

08/26/2025

Coordinates: 32.21078,-103.43042

N



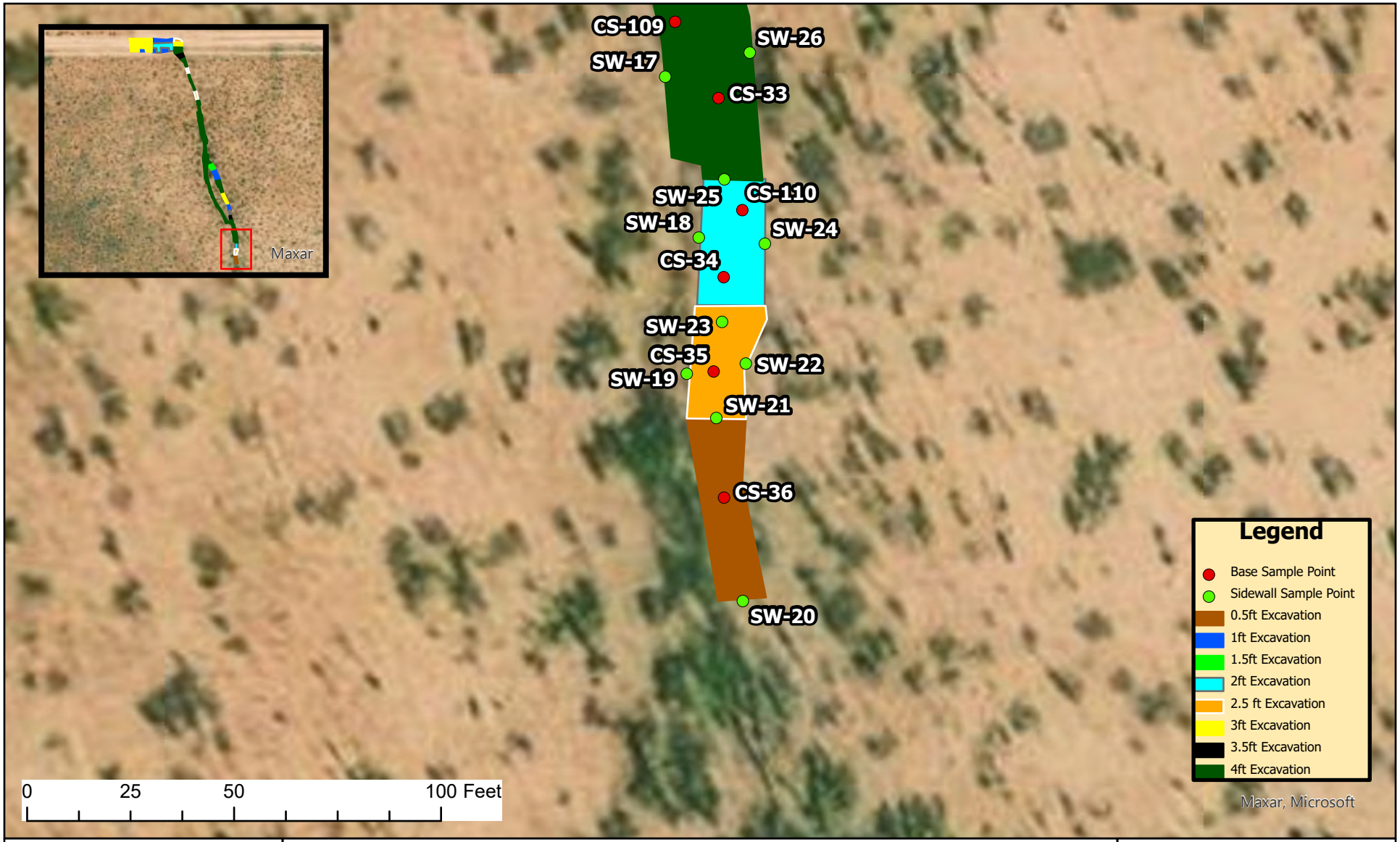
COG SOMBRERO HEADER
OWL SWD OPERATING, LLC

Figure 4. (Confirmation Sampling Map Exploded)
Release Date: 02/25/2024
Lea County, New Mexico

08/26/2025

Coordinates: 32.21078,-103.43042

N



STANDARD SAFETY & SUPPLY

COG SOMBRERO HEADER
OWL SWD OPERATING, LLC

N

Figure 4. (Confirmation Sampling Map Exploded)
Release Date: 02/25/2024
Lea County, New Mexico

08/26/2025

Coordinates: 32.21078,-103.43042

ATTACHMENT C: SITE CHRACTERIZATION

New Mexico Site Characterization

COG Sombrero Header	nAPP2405746227
Impact Groundwater?	No
Groundwater Depth	Between 100 and 500 (ft.)
Flowing or significant watercourse within 300ft?	No
Playas, wetlands, and/or lakebeds within 200ft?	No
Wetland within 300ft?	No
Within a 100 year flood plain?	No
Water well used by less than five households for domestic or stock watering purposes withjin 500ft?	No
Any other fresh water spring within 1,000ft?	No
Occupied permanent residence, school, hospital, institution, or church within 300ft?	No
Within an incorporated municipal boundaries or a defined municipal fresh water well field?	No
Within an (non-karst) unstable area	No
Within an area overlying a subsurface	No
Karst Potential	Low
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Kenny Han

From: Ethan Sessums
Sent: Wednesday, October 1, 2025 10:42 AM
To: Bratcher, Michael, EMNRD; Velez, Nelson, EMNRD
Cc: Kenny Han; Shelly Cook-Cowden
Subject: RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has rejected the application, Application ID: 499812 (nAPP2405746227 COG SOMBRERO HEADER)

Yessir sounds good, thank you for the quick response.

Ethan Sessums
Environmental Regulatory Director
Standard Safety and Supply
Carlsbad, NM 88220
M: (254)-266-5456

From: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Sent: Wednesday, October 1, 2025 10:40 AM
To: Ethan Sessums <ethan.sessums@standardtx.com>; Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Cc: Kenny Han <kenny.han@standardtx.com>; Shelly Cook-Cowden <shelly.cowden@pilotwater.com>
Subject: RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has rejected the application, Application ID: 499812 (nAPP2405746227 COG SOMBRERO HEADER)

Ethan,

Nelson will be out for a while so I'm jumping in here sort of in the middle of it all. Based on OCD map, this site is in the setback for a Wetland (Riverine in this instance). To overturn the designation, the following will be required:

To overturn a wetland (riverine) designation, the responsible party must utilize a Professional Wetland Scientist (PWS) to conduct a Wetland Delineation Survey following the Corps of Engineers Wetlands Delineation Manual. The PWS will be required to perform the review and sign off on all conducted surveys, using the Army Corps of Engineers Wetland Determination Data Sheets, Arid West Region. All parts of the wetland (riverine) within 300 feet of any part of the release must be evaluated in the survey. A Wetland Delineation report is required to be included which should contain an executive summary of the survey including a description of the site location, sampling points, a scaled sampling diagram, captioned photographs of each sample point, completed Wetland Determination Data Sheets, conclusions/findings, and a Curriculum Vitae from the PWS to include their PWS Certificate Number

Thanks,

Mike Bratcher
Incident Supervisor
Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave | Artesia, NM 88210
(575) 626-0857 |
mike.bratcher@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd

From: Ethan Sessums <ethan.sessums@standardtx.com>
Sent: Wednesday, October 1, 2025 8:52 AM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Cc: Kenny Han <kenny.han@standardtx.com>; Shelly Cook-Cowden <shelly.cowden@pilotwater.com>
Subject: RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has rejected the application, Application ID: 499812 (nAPP2405746227 COG SOMBRERO HEADER)

We are under the impression that with the stream and bank survey that was performed by EIS being included in the approved report as mentioned in the previous email that the approval applies to said survey and satisfies the characterization issues posed in the rejection.

Please let us know your thoughts via email.

Thanks,

Ethan Sessums
Environmental Regulatory Director
Standard Safety and Supply
Carlsbad, NM 88220
M: (254)-266-5456

From: Ethan Sessums
Sent: Tuesday, September 30, 2025 10:41 AM
To: 'Velez, Nelson, EMNRD' <Nelson.Velez@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Cc: Kenny Han <kenny.han@standardtx.com>; Shelly Cook-Cowden <shelly.cowden@pilotwater.com>
Subject: RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has rejected the application, Application ID: 499812 (nAPP2405746227 COG SOMBRERO HEADER)

EIS Environmental & Permitting Solutions stated in the approved report that: “The Site Characterization Map
identifies a water feature closer to and within the release site commonly referred to as a “blue line” on the topographic map and which is further identified by the National Hydrography Dataset (NHD) as an intermittent watercourse flowline. The NHD typically identifies these water features based on the historic USGS Topographic Quadrangle maps, and this particular “blue line” on the Site Characterization Map is symbolized with a blue line followed by three dots, which is the USGS Topographic universal symbol for intermittent stream. Not only does the NMOCD online mapping tool not identify this stream (as shown in the Hydrology map), but as suggested by the USGS topography map, the stream is intermittent in nature. Further field investigation found that this water feature does not maintain a bed and bank, and as such would not meet the NMOCD’s definition of a significant watercourse. According to the National Wetlands Inventory online mapping tool, the release does not occur
within 300 feet of a wetland (see National Wetlands Inventory Map in Attachment 3). While the National Wetlands Inventory Map does show a Riverine system in the same area as the aforementioned NHD and USGS Topographic Quadrangle map identified intermittent stream, further field investigation confirmed there was no riverine wetland in this area.”

Ethan Sessums
Environmental Regulatory Director
Standard Safety and Supply
Carlsbad, NM 88220
M: (254)-266-5456

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Sent: Tuesday, September 30, 2025 10:26 AM
To: Ethan Sessums <ethan.sessums@standardtx.com>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Cc: Kenny Han <kenny.han@standardtx.com>; Shelly Cook-Cowden <shelly.cowden@pilotwater.com>
Subject: Re: [EXTERNAL] RE: The Oil Conservation Division (OCD) has rejected the application, Application ID: 499812 (nAPP2405746227 COG SOMBRERO HEADER)

Good morning Ethan,

Thank you for the correspondence.

The remediation plan and site characterization was approved on 11/27/2024 and the sampling frequency was approved for 400 square feet for the excavation floor samples. However, the significant watercourse and riverine wetland was not recognized during this determination. The release did enter into this area and was eventually remediated according to the previous sampling frequency and applied closure standard approvals.

Given the sampling frequency and the determination that groundwater (gw) is >100 feet (ft.) below grade (b.g.) have been met, OCD cannot change the fact that the significant watercourse and riverine wetland

have been encroached and that the closure standards must meet the most stringent (gw <50 ft. b.g.) per 19.15.29.12C (4) NMAC.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

Regards,

Nelson Velez ● Environmental Specialist - Adv

Environmental Bureau | EMNRD - Oil Conservation Division

1000 Rio Brazos Road | Aztec, NM 87410

(505) 469-6146 | nelson.velez@emnrd.nm.gov

http://www.emnrd.nm.gov/ocd

From: Ethan Sessums <ethan.sessums@standardtx.com>
Sent: Tuesday, September 30, 2025 8:36 AM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Cc: Kenny Han <kenny.han@standardtx.com>; Shelly Cook-Cowden <shelly.cowden@pilotwater.com>
Subject: [EXTERNAL] RE: The Oil Conservation Division (OCD) has rejected the application, Application ID: 499812 (nAPP2405746227 COG SOMBRERO HEADER)

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Nelson this workplan and site characterization written by another consultant and attached was approved by the NMOCD on 11/27/2024. This workplan includes a 400sqft variance and updated groundwater criteria characterized by a GW determination bore that they installed around the same time, all of this is clearly outlined in the report. **Our remedial actions followed this approved workplan thus we backfilled this area accordingly.**

Additionally, the NMOCD provided correspondence to the operator and consultant after a previous rejection advising on updated ground water determination usage **prior to the drilling of the ground water bore:** "The depth to groundwater has not been adequately determined. When nearby wells are used to determine depth to groundwater, the wells should be no further than ½ mile away from the site,

and data should be no more than 25 years old, and well construction information should be provided in the submission. The responsible party may choose to remediate to the most stringent levels listed in Table 1 of 19.15.29 NMAC in lieu of drilling to determine the depth to groundwater"

Approved Sampling variance: "alternative sampling plan request not to exceed 400 square feet (ft.2) from the excavation floor and 200 ft.2 from the excavation sidewalls for each five (5) point composite per 19.15.29.12D (1b) NMAC is approved"

Thanks,

Ethan Sessums
Environmental Regulatory Director
Standard Safety and Supply
Carlsbad, NM 88220
M: (254)-266-5456

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Friday, September 26, 2025 10:40 AM
To: Ethan Sessums <ethan.sessums@standardtx.com>
Subject: The Oil Conservation Division (OCD) has rejected the application, Application ID: 499812

To whom it may concern (c/o Ethan Sessums for OWL SWD OPERATING, LLC),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2405746227, for the following reasons:

- **Remediation closure report is denied for the following reasons; 1. Release had entered a significant watercourse and wetland riverine per 19.15.29.12C (4) NMAC. The closure standard for this release must meet Table I of19.15.29.12 NMAC for groundwater < 50 feet. 2. Owl SWD Operating has 90-days (December 26, 2025) to submit to OCD its appropriate or final remediation closure report.**

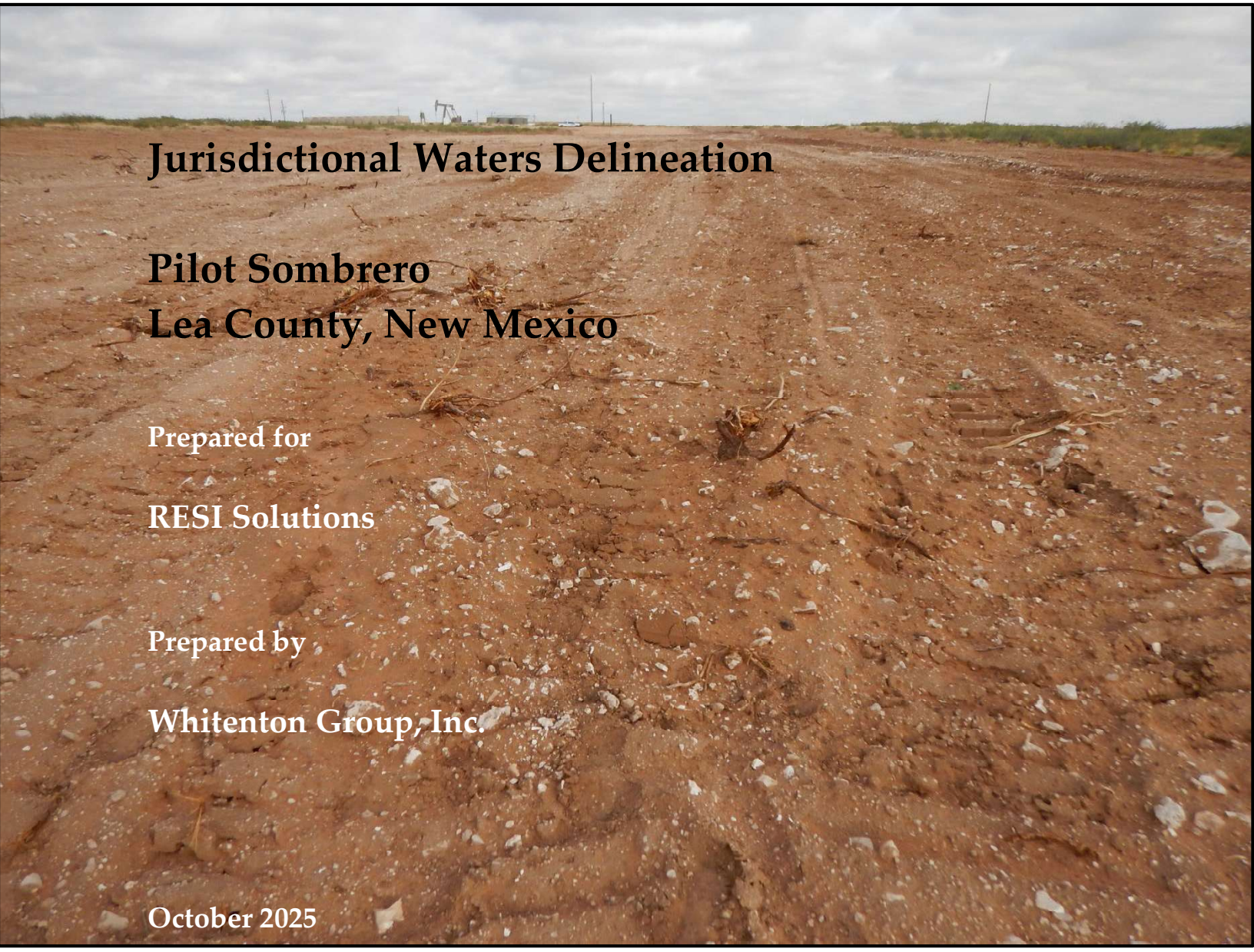
The rejected C-141 can be found in the OCD Online: Permitting – Action Status, under the Application ID: 499812.
Please review and make the required correction(s) prior to resubmitting.
If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,
Nelson Velez
Environmental Specialist – Advanced

505-469-6146
Nelson.Velez@emnrd.nm.gov

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

WHITENTON group environmental consultants



Jurisdictional Waters Delineation

Pilot Sombrero
Lea County, New Mexico

Prepared for

RESI Solutions

Prepared by

Whitenton Group, Inc.

October 2025

3413 Hunter Road • San Marcos, Texas 78666 • office 512-353-3344
www.whitentongroup.com

Jurisdictional Waters Delineation
Pilot Sombrero
Lea County, New Mexico

Prepared for

RESI Solutions
11420 Ranchitos Road NE
Albuquerque, New Mexico 87122

Prepared by

Whitenton Group, Inc.
3413 Hunter Road
San Marcos, Texas 78666

WGI Project No. 250157

October 2025

WHITENTON group environmental consultants

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WHITENTON group environmental consultants

ACRONYMS

°F	Fahrenheit
CWA	Clean Water Act
FEMA	Federal Emergency Management Agency
JWD	Jurisdictional Waters Delineation
NHD	National Hydrography Dataset
NRCS	Natural Resources Conservation Service
NWI	National Wetlands Inventory
OHWM	Ordinary High-Water Mark
PJW	Potential Jurisdictional Water
Project Area	Binford Road Property
RESI	Resi Solutions
USACE	United States Army Corps of Engineers
USFWS	U.S Fish and Wildlife Service
WGI	Whitenton Group, Inc
WOTUS	Waters of the United States

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WHITENTON group environmental consultants

1.0 SUMMARY OF FINDINGS

Whitenton Group, Inc. (WGI) was contracted by Resi Solutions (RESI) to complete a Jurisdictional Waters Delineation (JWD) for the Pilot Sombrero project in Lea County, New Mexico.

The Pilot Sombrero project is located approximately 14.2-mile east of the intersection of State Highway 128 and Orla Road in Lea County, New Mexico (Figure 1, Appendix A). The Survey Area for the project is approximately 11.8 acres and is located on private land. The Survey Area is demonstrated in Figures 2-4 (Appendix A).

A JWD was completed to determine if any aquatic features (e.g. streams and/or wetlands) exist in the Survey Area that could be considered Waters of the United States (WOTUS) as defined. WOTUS are regulated by the US Army Corps of Engineers (USACE) under Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act of 1899. Impacts to WOTUS requires authorization from the USACE.

No WOTUS were identified in the Survey Area. Authorization from the USACE would not be required for development of this property.

2.0 BACKGROUND REVIEW

2.1 BACKGROUND REVIEW RESOURCES

Prior to conducting the on-site JWD of the Survey Area, background information was collected and reviewed from sources including, but not limited to:

- Aerial photography[1] and topographic maps[2] (based on the US Geological Survey 1 Meter Digital Ortho Quarter Quad and Digital Raster Graphics) – Woodley Flat;
- National Wetlands Inventory (NWI) Data from the USFWS[3];
- National Hydrography Dataset (NHD)[4];
- Federal Emergency Management Agency (FEMA) flood insurance rate map[5];
- National Weather Service/Advanced Hydrologic Prediction Service Precipitation Analysis[6];

- National Oceanic and Atmospheric Administration/US Department of Agriculture US Drought Monitor status[7];
- Web-based soil survey information from the Natural Resources Conservation Service (NRCS)[8];

2.2 JURISDICTIONAL WATERS

Based on the review of the aerial photography, topographic maps, and NWI and NHD data, WOTUS were indicated within the Survey Area (Figures 2-4, Appendix A). A review of FEMA's online floodplain data revealed that the Survey Area is not located within FEMA Flood Zone [5].

As of 7 October 2025, the US Drought Monitor indicated that the Survey Area was experiencing abnormally dry conditions (D0)[9]. According to the National Weather Service, the Survey Area received 0.25 – 0.50-inch of precipitation during the 7 days prior to the field survey and 1.0 – 1.5-inches of precipitation 30 days prior to the field survey. This is considered below normal for the area[6].

The soils mapped by the NRCS within the Survey Area are demonstrated in Figure 4 (Appendix A). Hydric soils were not indicated within the Survey Area[8].

3.0 JURISDICTIONAL WATERS DELINEATION

WGI completed an on-site JWD on 15 October 2025 to identify any aquatic resources that may be considered WOTUS. The JWD was conducted based on the 1987 Corps of Engineers Wetland Delineation Manual[10], the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West (Version 2.0)[11], and the technical guidance for delineating Ordinary High-Water Marks[12].

The entire Survey Area has been recently disturbed for pipeline construction. The soils were disturbed and no vegetation was present in the Survey Area. Elevations were consistent throughout the Survey Area and there was no evidence of wetland or stream hydrology observed. No aquatic resources were observed within the Survey Area. One representative Observation Point (OP) was taken in the Survey Area. Photographs of the Survey Area and the OP area are provided in Appendix B. The OP is identified on Figures 2 and 3 (Appendix A).

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Datasheet for the Observation Point (OP) is presented in Appendix C. GPS data is presented in Appendix D.

4.0 CONCLUSION

The results of the JWD completed on 15 October 2025 were negative. WOTUS were not observed within the Survey Area. Authorization from the USACE would not be required for development of the property.

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5.0 REFERENCES

[1] ESRI Bing Basemap Hybrid. 2010. Aerial Imagery. ESRI, Harris Corp., Earthstar Geographics LLC, and Microsoft 2012.

[2] ESRI. World Topographic Map. ESRI

[3] U.S. Fish and Wildlife Service. National Wetlands Inventory. https://www.fws.gov/wetlands/

[4] U.S. Geological Survey. National Hydrography Dataset: ArcGIS Basemap. ESRI ArcGIS v 10.1.

[5] Federal Emergency Management Agency. 2014. Flood Insurance Rate Map. Colorado County, Texas. https://msc.fema.gov/portal

[6] National Weather Service/Advanced Hydrologic Prediction Service. Precipitation Analysis. http://water.weather.gov/precip

[7] U.S. Department of Agriculture. U.S. Drought Monitor. https://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?NM

[8] U.S. Department of Agriculture. Natural Resources Conservation Service Web Soil Survey. http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx

[9] U.S. Department of Agriculture. U.S. Drought Monitor. http://droughtmonitor.unl.edu/

[10] U.S. Army Corps of Engineers. 1987. Wetlands Delineation Manual. http://www.lrh.usace.army.mil/Portals/38/docs/USACE%2087%20Wetland%20Delineation%20Manual.pdf

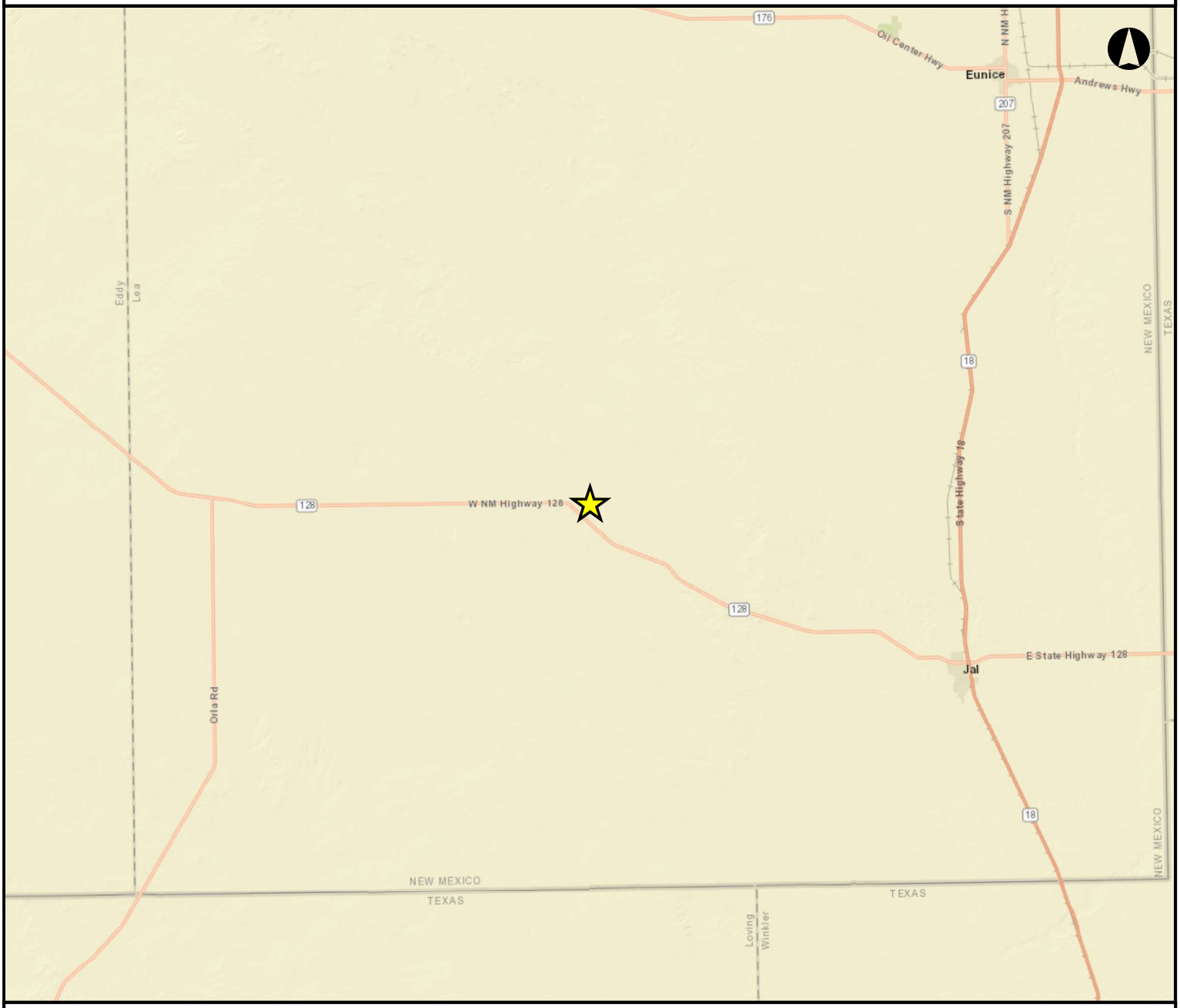
[11] U.S. Army Corps of Engineers. 2010. Regional Supplements Version 2.0. https://usace.contentdm.oclc.org/utils/getfile/collection/p266001coll1/id/7627

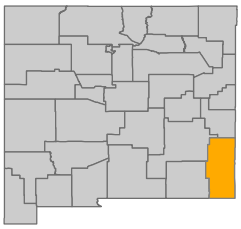
[12] U.S. Army Corps of Engineers. Regulatory Guidance Letter: Ordinary High Water Mark Identification. https://usace.contentdm.oclc.org/utils/getfile/collection/p16021coll9/id/1253

APPENDIX A

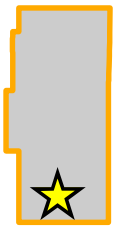
FIGURES

Figure 1
Project Location
Pilot Sombrero
Lea County, New Mexico



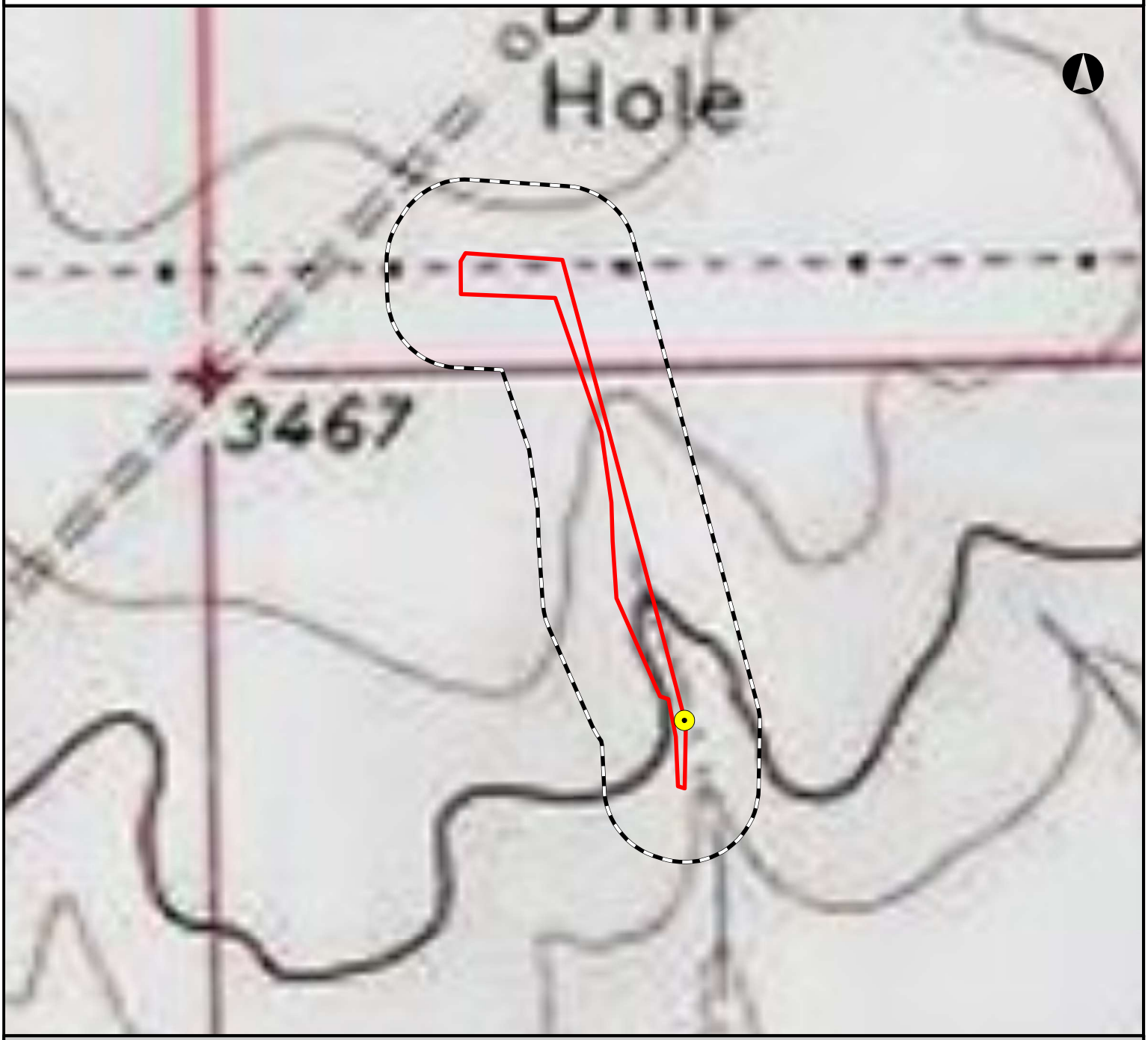


Project Location



Background Resources: ESRI Streets Basemap	Surveyor(s): Nathan Pfluger Chris Ulloa	Project Number and Information: 250157 Jurisdictional Waters Delineation Pilot Sombrero RESI Solutions	WHITENTON group environmental consultants 3413 Hunter Road San Marcos Texas 78666
Coordinate System: UTM NAD 1983 Zone 13 North	Map Created: 10/21/2025 by N. Pfluger		Miles 0 5 10

Figure 2
Topographic Map
Pilot Sombrero
Lea County, New Mexico



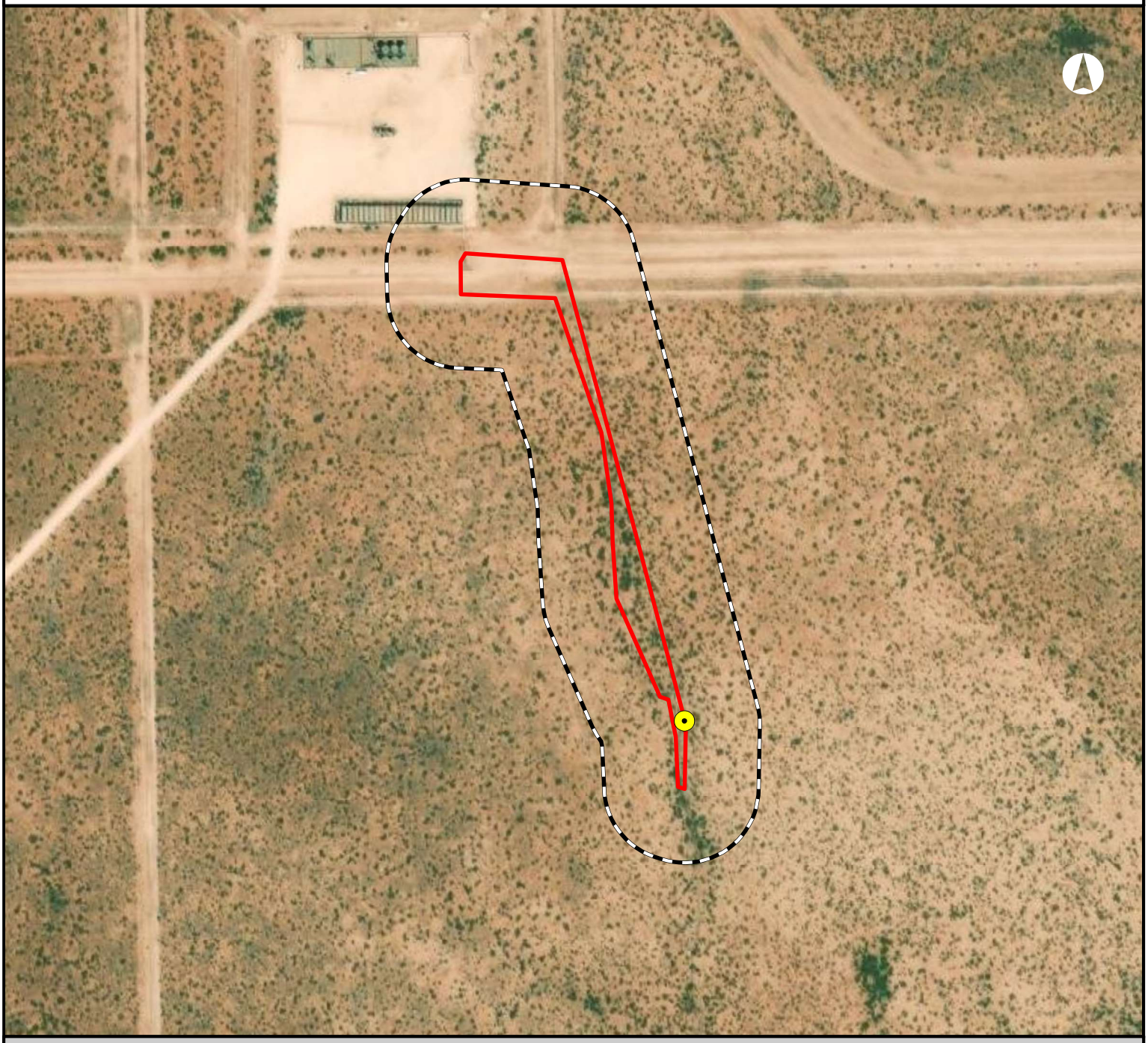
Project Area (1.2 Acres)

Survey Area (11.8 Acres)

Upland Point

Background Resources: USGS Topographic Basemap by the National Geographic Society	Surveyor(s): Nathan Pfluger Chris Ulloa	Project Number and Information: 250157 Jurisdictional Waters Delineation Pilot Sombrero RESI Solutions	WHITENTON group environmental consultants 3413 Hunter Road San Marcos Texas 78666
GPS and Coordinate System: Emlid Reach RX UTM NAD 1983 Zone 13 North	Map Created: 10/21/2025 by N. Pfluger		Feet 0 250 500

Figure 3
Aerial Imagery
Pilot Sombrero
Lea County, New Mexico



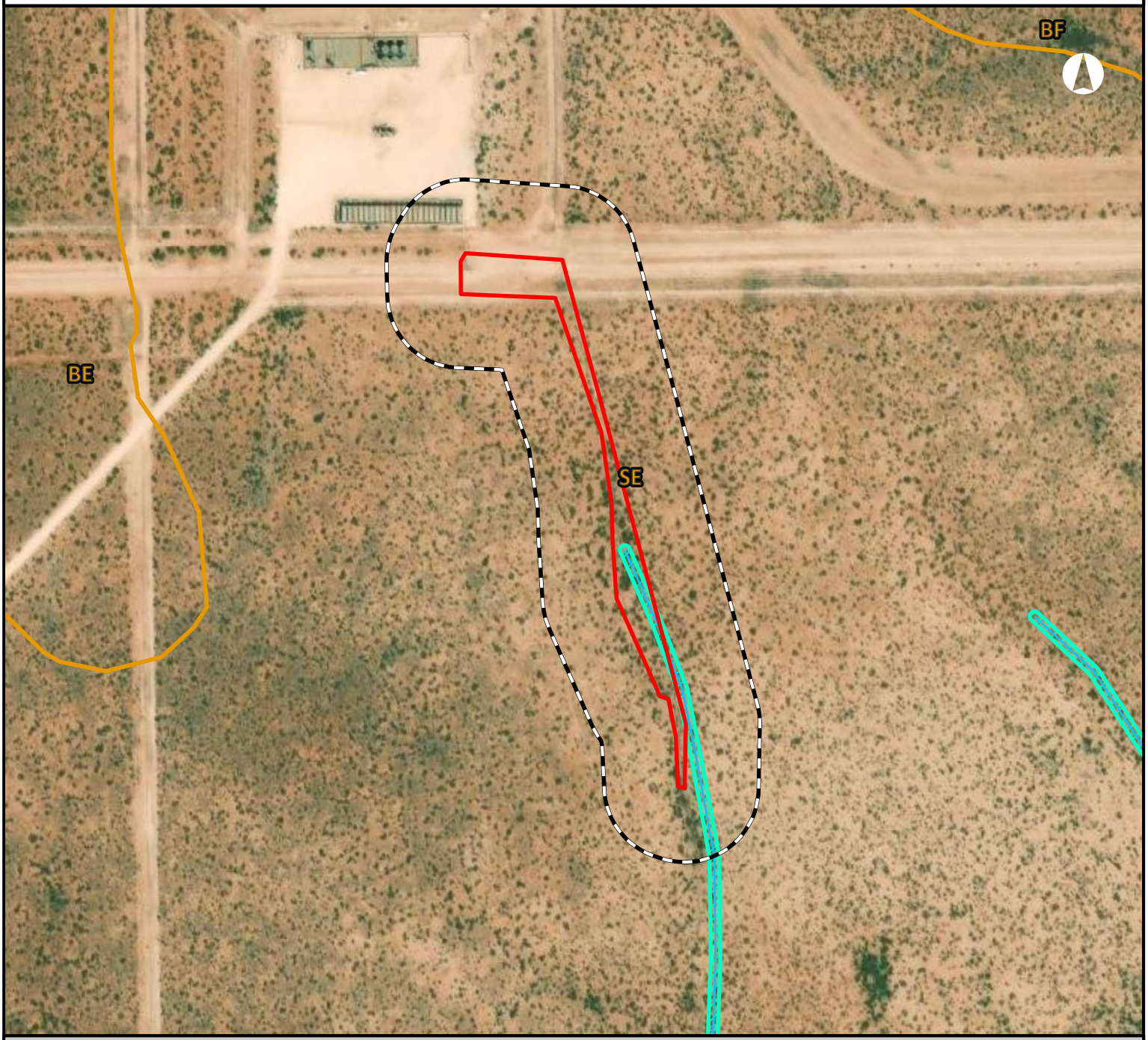
Project Area (1.2 Acres)

Survey Area (11.8 Acres)

Upland Point

Background Resources: ESRI Aerial Imagery	Surveyor(s): Nathan Pfluger Chris Ulloa	Project Number and Information: 250157 Jurisdictional Waters Delineation Pilot Sombrero RESI Solutions	WHITENTON group environmental consultants 3413 Hunter Road San Marcos Texas 78666
GPS and Coordinate System: Emlid Reach RX UTM NAD 1983 Zone 13 North	Map Created: 10/21/2025 by N. Pfluger		Feet 0 250 500

Figure 4
Natural Resource Background Data
Pilot Sombrero
Lea County, New Mexico



Project Area (1.2 Acres)

Survey Area (11.8 Acres)

NHD Stream/River

NWI Polygon

Soil Map Unit Boundary

SE - Simona fine sandy loam

Background Resources: ESRI Aerial Imagery, USGS NHD, USFWS NWI, NRCS Soil Data, FEMA floodplain data unavailable	Surveyor(s): Nathan Pfluger Chris Ulloa	Project Number and Information: 250157 Jurisdictional Waters Delineation Pilot Sombrero RESI Solutions	WHITENTON group environmental consultants 3413 Hunter Road San Marcos Texas 78666
GPS and Coordinate System: Emlid Reach RX UTM NAD 1983 Zone 13 North	Map Created: 10/21/2025 by N. Pfluger		Feet 0 250 500

APPENDIX B

PHOTOGRAPHIC LOG

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PHOTOGRAPHIC LOG 1

Pilot Sombrero 10/15/2025 Lea County, New Mexico View: Observation Point 1 (facing south) within the Survey Area.	
Pilot Sombrero 10/15/2025 Lea County, New Mexico View: Representative view (facing north) within the Survey Area.	

APPENDIX C

DATASHEETS

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Pilot Sombrero City/County: Lea County Sampling Date: 10/15/2025

Applicant/Owner: Pilot Water Solutions State: NM Sampling Point: OP1

Investigator(s): Nathan Pfluger and Christian Ulloa Section, Township, Range: Sec 13,24 T024S R34E

Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): Flat Slope (%): 5

Subregion (LRR): D Lat: 32.208356 Long: -103.42907 Datum: NAD83

Soil Map Unit Name: Simona fine sandy loam NWI classification: R4SBA

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✓ No _____ (If no, explain in Remarks.)

Are Vegetation ✓, Soil ✓, or Hydrology ✓ significantly disturbed? Are "Normal Circumstances" present? Yes _____ No ✓

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes _____	No ✓	**Is the Sampled Area within a Wetland?** Yes _____ No ✓
Hydric Soil Present?	Yes _____	No ✓	
Wetland Hydrology Present?	Yes _____	No ✓	

Remarks:

Recently cleared right-of-way. All vegetation has been removed and soil disturbed.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 30)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	0 = Total Cover		
Sapling/Shrub Stratum (Plot size: 30)			
1.			
2.			
3.			
4.			
5.			
	0 = Total Cover		
Herb Stratum (Plot size: 30)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
	0 = Total Cover		
Woody Vine Stratum (Plot size: 30)			
1.			
2.			
	0 = Total Cover		

% Bare Ground in Herb Stratum 100 % Cover of Biotic Crust 0

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)

Total Number of Dominant Species Across All Strata: 0 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	0
FACW species	0	x 2 =	0
FAC species	0	x 3 =	0
FACU species	0	x 4 =	0
UPL species	0	x 5 =	0
Column Totals:	0 (A)		0 (B)

Prevalence Index = B/A = 0

Hydrophytic Vegetation Indicators:

___ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes _____ No ✓

Remarks:

Survey area within recently cleared right-of-way with no vegetation.

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SOIL

Sampling Point: OP1

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-16	10YR 3/6	100					Loamy Sa	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes _____ No ✓

Remarks:

Soil is disturbed from recent clearing.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes _____ No ✓ Depth (inches): _____

Water Table Present? Yes _____ No ✓ Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes _____ No ✓ Depth (inches): _____

Wetland Hydrology Present? Yes _____ No ✓

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

FEMA floodplain data, NWI data, Topographic map, Aerial Imagery, Soil Survey Index, NHD data

Remarks:

N/A

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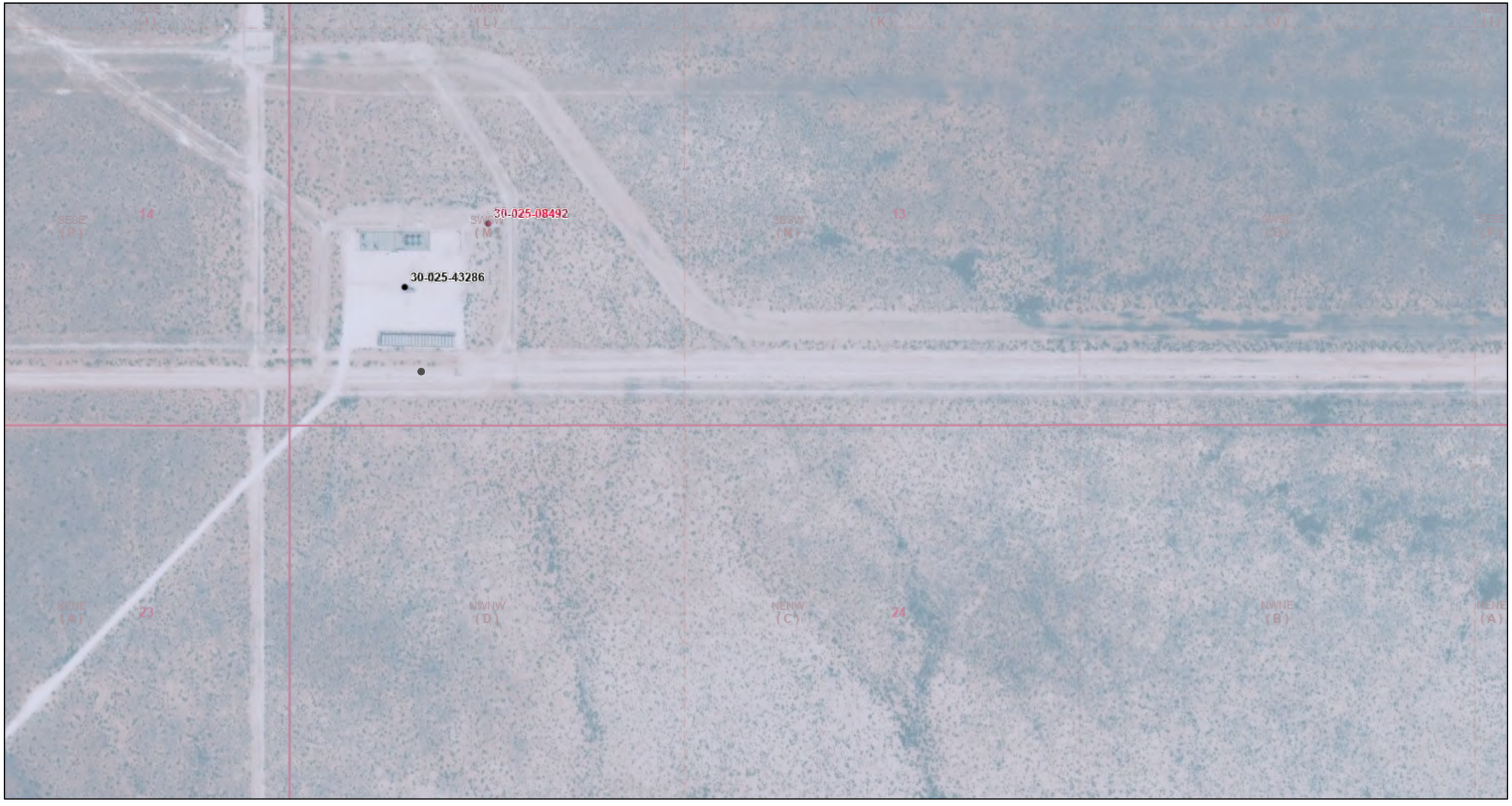
APPENDIX D

GPS DATA

Table 1 - GPS Data
Pilot Sombrero

Feature Type	Name	Date	PDOP	Number of Positions	Latitude	Longitude
Point	OP 1	10/15/2025	1.2	1	32.208356	-103.429070
Line	Benchmark	10/15/2025	n/a	n/a	Available upon request	

OCD Well Locations and Karst



8/27/2025, 8:24:36 AM

1:4,514

Wells - Large Scale
- Oil, Active
- Oil, Plugged

Karst Occurrence Potential
- Low

PLSS First Division

PLSS Second Division

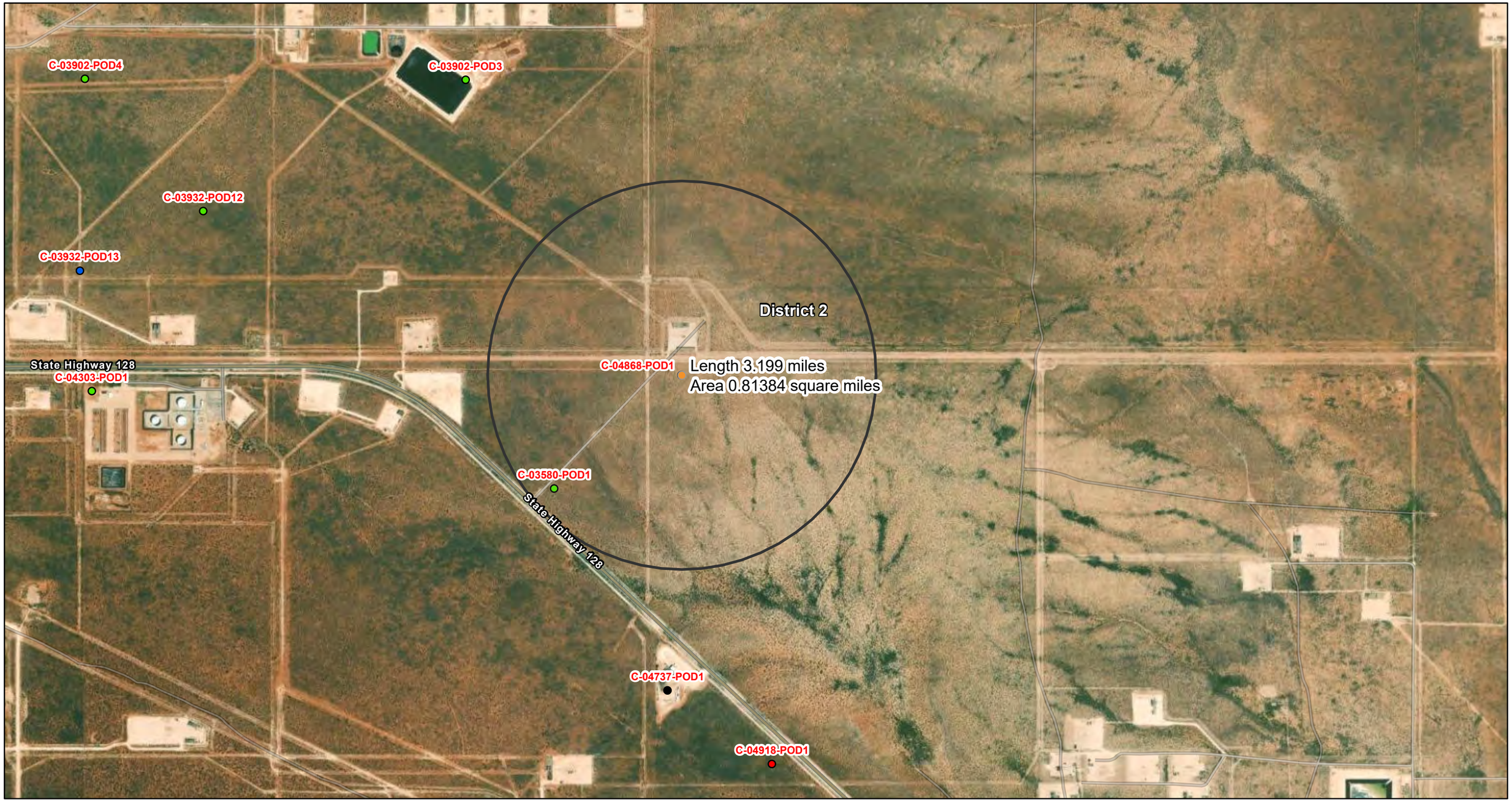
0 0.05 0.1 0.19 mi

0 0.07 0.15 0.3 km

BLM, OCD, New Mexico Tech, OCD, Maxar, BLM

New Mexico Oil Conservation Division

OSE POD Locations Map



8/27/2025, 9:00:39 AM

GIS WATERS PODs

- Active
- Pending
- Inactive
- Plugged
- OSE District Boundary
- World Imagery
- Low Resolution 15m Imagery
- High Resolution 60cm Imagery
- High Resolution 30cm Imagery
- Citations
- 4.8m Resolution Metadata

1:18,778

0 0.2 0.4 0.8 mi

0 0.3 0.6 1.2 km

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Maxar

PLUGGING RECORD

NOTE: **A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC**

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-4868-POD-1

Well owner: Pilot Water Phone No.: (505) 692-0354

Mailing address: 20 Greenway Plaza, Suite 500

City: Houston State: Texas Zip code: 77046

II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: Talon/LPE, Ltd.

2) New Mexico Well Driller License No.: WD-1868 Expiration Date: 10/06/2025

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Robert A Meyer and Anthony D Ristow

4) Date well plugging began: 08/27/2024 Date well plugging concluded: 08/28/2024

5) GPS Well Location: Latitude: 32 deg, 12 min, 36.2946 sec
Longitude: -103 deg, 25 min, 51.7002 sec, WGS 84

OSE DII ROSWELL NM
SEP 05 2024 PM1:10

6) Depth of well confirmed at initiation of plugging as: 105 ft below ground level (bgl), by the following manner: Termination of drilling at 105'

7) Static water level measured at initiation of plugging: None ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: 08/13/2024

9) Were all plugging activities consistent with an approved plugging plan? No If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

Boring collapsed from 105' up to 62'. Boring then plugged with tremie piped grout fron 62' up to ground surface. No water encountered, all samples dry.

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
	0'-62' I/II Portland Cement	99.6	99.6	Tremie	No casing placed
	62'-105' Boring Collaped	N/A	N/A	Collapse	

OSE DII ROSWELL NM
SEP 16 2024 PM1:10

MULTIPLY		BY		AND OBTAIN
cubic feet	x	7.4805	=	gallons
cubic yards	x	201.97	=	gallons

III. SIGNATURE:

I, Robert A Meyer, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Robert A Meyer — 09/12/2024

Signature of Well Driller — Date

Version: September 8, 2009
Page 2 of 2

Help Using this Tool

Legend | Basemap | Query

Legend

All Layers On/Off

All Layer Transparency

NM Wetlands Mapping and Classification

NM Wetlands Mapping and Classification

Mapping Status
- In Progress (Only NWI)
- Not Mapped

Riparian Habitat

Hydrogeomorphic Mapping (HGM) Linears
- Riverine

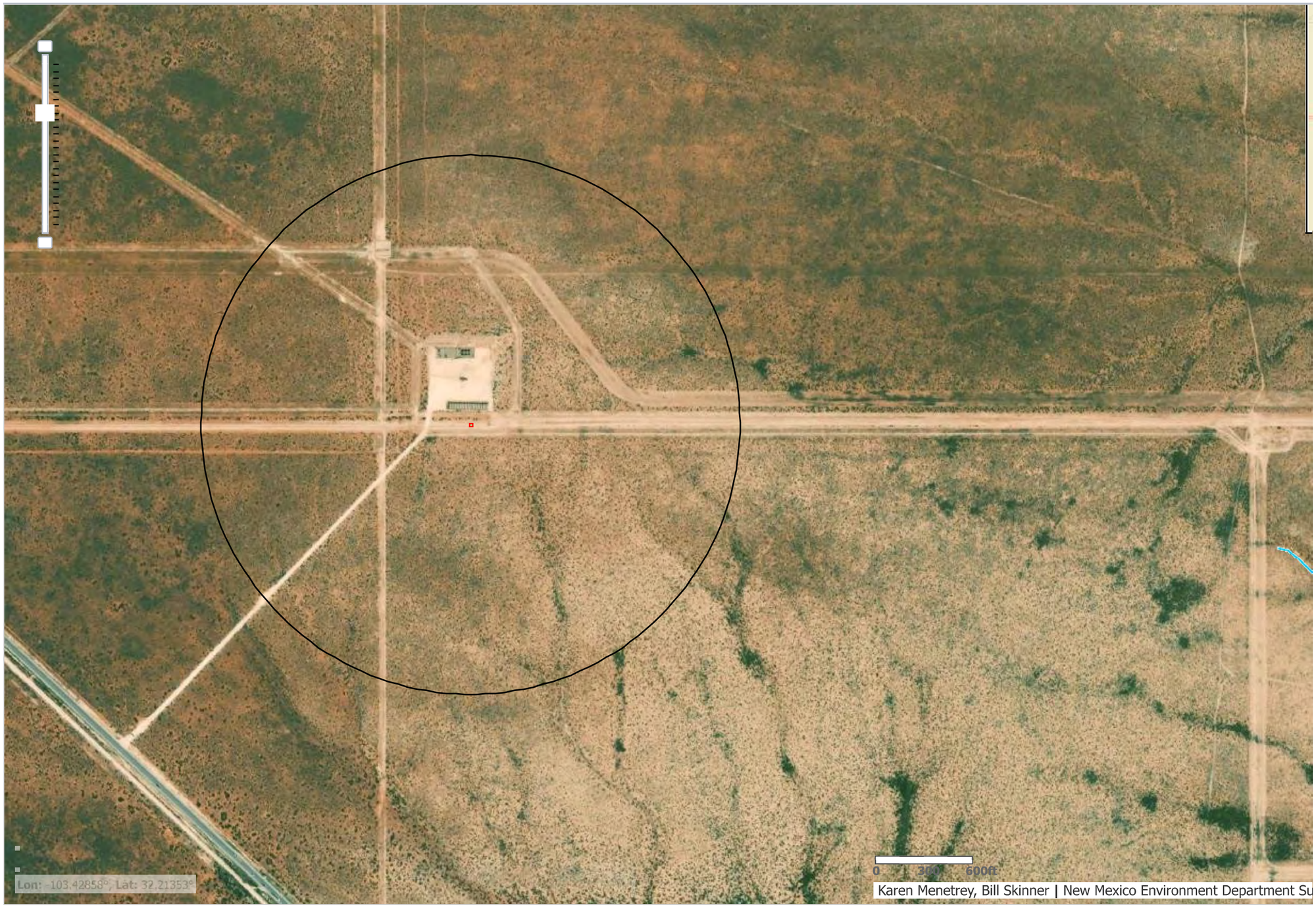
Hydrogeomorphic Mapping (HGM) Polygons
- Depressional
- Flats
- Lacustrine Fringe
- Riverine
- Slope

Landscape Position and Water Body (LLWW) Linears
- Lentic (LE)
- Lotic RIver (LR)
- Lotic Stream (LS)
- Pond (PD)
- River (RV)
- Stream (ST)
- Terrene (TE)

Landscape Position and Water Body (LLWW) Polygons
- Lentic (LE)
- Lake (LK)
- Lotic River (LR)
- Lotic Stream (LS)
- Pond (PD)
- River (RV)
- Stream (ST)
- Terrene (TE)

Landform (LLWW)
- Basin

1:9,028



Received by OCD: 1/16/2026 12:00:47 AM

U.S. Fish and Wildlife Service
National Wetlands Inventory

COG Sombrero Header



August 27, 2025

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: 3/9/2026 10:21:05 AM

Received by OCD: 1/16/2026 12:00:47 AM

National Flood Hazard Layer FIRMette

FEMA

103°26'10"W 32°12'54"N



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

1:6,000

103°25'32"W 32°12'24"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 / 17.5 Cross Sections with 1% Annual Chance / Water Surface Elevation
- Coastal Transect
- 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 8/27/2025 at 2:24 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.

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ATTACHMENT D: PHOTOGRAPHIC DOCUMENTATION

Photographic Log
Owl SWD Operating, LLC
COG Sombrero Header
Lea County, New Mexico

Photo 1

View of Excavation



Photo 2

View of Excavation



Photo 3

View of Excavation



Photographic Log
Owl SWD Operating, LLC
COG Sombrero Header
Lea County, New Mexico

Photo 4

View of Excavation



Photo 5

View of Excavation



Photo 6

View of Excavation



Photographic Log
Owl SWD Operating, LLC
COG Sombrero Header
Lea County, New Mexico

Photo 7

View of Excavation



Photo 8

View of Excavation



Photo 9

View of Excavation



Photographic Log
Owl SWD Operating, LLC
COG Sombrero Header
Lea County, New Mexico

Photo 10

View of Excavation



Photo 11

View of Excavation



Photo 12

View of Excavation



ATTACHMENT E: LABORATORY ANALYTICAL METHOD WITH CHAIN-OF-CUSTODY

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Gordon Banks
NT Global
701 Tradewinds Blvd
Midland, Texas 79706

Generated 5/28/2025 3:50:17 PM

JOB DESCRIPTION

COG SOMBREREO
249381

JOB NUMBER

890-8213-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Released to Imaging: 5/9/2026 10:21:05 AM

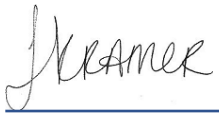
Eurofins Carlsbad

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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5/28/2025 3:50:17 PM

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

Client: NT Global
Project/Site: COG SOMBREREO

Laboratory Job ID: 890-8213-1
SDG: 249381

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Sample Summary 182
Chain of Custody 185
Receipt Checklists 197

Definitions/Glossary

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: NT Global
Project: COG SOMBREREO

Job ID: 890-8213-1

Job ID: 890-8213-1 Eurofins Carlsbad

Job Narrative
890-8213-1

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

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

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

Receipt
The samples were received on 5/21/2025 12:09 PM. 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 -11.8°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: CS - 1 (890-8213-1), CS - 2 (890-8213-2), CS - 3 (890-8213-3), CS - 4 (890-8213-4), CS - 5 (890-8213-5), CS - 6 (890-8213-6), CS - 7 (890-8213-7), CS - 8 (890-8213-8), CS - 9 (890-8213-9), CS - 10 (890-8213-10), CS - 11 (890-8213-11), CS - 12 (890-8213-12), CS - 13 (890-8213-13), CS - 14 (890-8213-14), CS - 15 (890-8213-15), CS - 16 (890-8213-16), CS - 17 (890-8213-17), CS - 18 (890-8213-18), CS - 19 (890-8213-19), CS - 20 (890-8213-20), CS - 21 (890-8213-21), CS - 22 (890-8213-22), CS - 23 (890-8213-23), CS - 24 (890-8213-24), CS - 25 (890-8213-25), CS - 26 (890-8213-26), CS - 27 (890-8213-27), CS - 28 (890-8213-28), CS - 29 (890-8213-29), CS - 30 (890-8213-30), CS - 31 (890-8213-31), CS - 32 (890-8213-32), CS - 33 (890-8213-33), CS - 34 (890-8213-34), CS - 35 (890-8213-35), CS - 36 (890-8213-36), CS - 37 (890-8213-37), CS - 38 (890-8213-38), CS - 39 (890-8213-39), CS - 40 (890-8213-40), CS - 41 (890-8213-41), CS - 42 (890-8213-42), CS - 43 (890-8213-43), CS - 44 (890-8213-44), CS - 45 (890-8213-45), CS - 46 (890-8213-46), CS - 47 (890-8213-47), CS - 48 (890-8213-48), SW - 1 (890-8213-49), SW - 2 (890-8213-50), SW - 3 (890-8213-51), SW - 4 (890-8213-52), SW - 5 (890-8213-53), SW - 6 (890-8213-54), SW - 7 (890-8213-55), SW - 8 (890-8213-56), SW - 9 (890-8213-57), SW - 10 (890-8213-58), SW - 11 (890-8213-59), SW - 12 (890-8213-60), SW - 13 (890-8213-61), SW - 14 (890-8213-62), SW - 15 (890-8213-63), SW - 16 (890-8213-64), SW - 17 (890-8213-65), SW - 18 (890-8213-66), SW - 19 (890-8213-67), SW - 20 (890-8213-68), SW - 21 (890-8213-69), SW - 22 (890-8213-70), SW - 23 (890-8213-71), SW - 24 (890-8213-72), SW - 25 (890-8213-73), SW - 26 (890-8213-74), SW - 27 (890-8213-75), SW - 28 (890-8213-76), SW - 29 (890-8213-77), SW - 30 (890-8213-78), SW - 31 (890-8213-79), SW - 32 (890-8213-80), SW - 33 (890-8213-81), SW - 34 (890-8213-82), SW - 35 (890-8213-83), SW - 36 (890-8213-84), SW - 37 (890-8213-85), SW - 38 (890-8213-86), SW - 39 (890-8213-87), SW - 40 (890-8213-88), SW - 41 (890-8213-89), SW - 42 (890-8213-90), SW - 43 (890-8213-91), SW - 44 (890-8213-92), SW - 45 (890-8213-93), SW - 46 (890-8213-94), SW - 47 (890-8213-95), SW - 48 (890-8213-96), SW - 49 (890-8213-97), SW - 50 (890-8213-98), SW - 51 (890-8213-99), SW - 52 (890-8213-100), SW - 53 (890-8213-101), SW - 54 (890-8213-102), SW - 55 (890-8213-103), SW - 56 (890-8213-104), SW - 57 (890-8213-105), SW - 58 (890-8213-106), SW - 59 (890-8213-107), SW - 60 (890-8213-108), SW - 61 (890-8213-109), SW - 62 (890-8213-110), SW - 63 (890-8213-111), SW - 64 (890-8213-112) and SW - 65 (890-8213-113).

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

Diesel Range Organics
Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-110656 and 880-110660 and analytical batch 880-110968 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-110660 and analytical batch 880-110968 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS - 3 (890-8213-3), CS - 4 (890-8213-4), CS - 13 (890-8213-13), SW - 33 (890-8213-81), SW - 34 (890-8213-82), SW - 36 (890-8213-84), SW - 44 (890-8213-92), SW - 45 (890-8213-93), SW - 46 (890-8213-94), SW - 48 (890-8213-96), SW - 49 (890-8213-97), SW - 50

Case Narrative

Client: NT Global
Project: COG SOMBREREO

Job ID: 890-8213-1

Job ID: 890-8213-1 (Continued) Eurofins Carlsbad

(890-8213-98), SW - 51 (890-8213-99) and (890-8213-A-81-D MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (890-8213-A-81-C MS). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-110970 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is:(CCV 880-110970/32).

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS - 23 (890-8213-23), CS - 24 (890-8213-24), CS - 27 (890-8213-27), CS - 29 (890-8213-29), SW - 53 (890-8213-101), SW - 60 (890-8213-108), SW - 61 (890-8213-109), SW - 62 (890-8213-110), SW - 64 (890-8213-112) and SW - 65 (890-8213-113). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS - 23 (890-8213-23), CS - 24 (890-8213-24), CS - 27 (890-8213-27) and CS - 29 (890-8213-29). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-110658/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS - 42 (890-8213-42), SW - 1 (890-8213-49), SW - 11 (890-8213-59), SW - 28 (890-8213-76), SW - 31 (890-8213-79) and SW - 32 (890-8213-80). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-110666 and analytical batch 880-110776 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-110662 and analytical batch 880-110743 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-110652 and analytical batch 880-110710 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-110665 and analytical batch 880-110758 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-110669 and analytical batch 880-110778 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 1

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:10	05/22/25 12:45	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:10	05/22/25 12:45	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:10	05/22/25 12:45	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/22/25 10:10	05/22/25 12:45	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:10	05/22/25 12:45	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/22/25 10:10	05/22/25 12:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*05/22/25 10:10*	*05/22/25 12:45*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*05/22/25 10:10*	*05/22/25 12:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/22/25 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/27/25 21:32	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		05/21/25 16:20	05/27/25 21:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		05/21/25 16:20	05/27/25 21:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:20	05/27/25 21:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*75*		*70 - 130*	*05/21/25 16:20*	*05/27/25 21:32*	*1*
o-Terphenyl	*72*		*70 - 130*	*05/21/25 16:20*	*05/27/25 21:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3000**		49.7		mg/Kg			05/22/25 14:49	5

Client Sample ID: CS - 2

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-2
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:10	05/22/25 13:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:10	05/22/25 13:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:10	05/22/25 13:06	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/22/25 10:10	05/22/25 13:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:10	05/22/25 13:06	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/22/25 10:10	05/22/25 13:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*05/22/25 10:10*	*05/22/25 13:06*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*05/22/25 10:10*	*05/22/25 13:06*	*1*

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 2

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-2
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			05/22/25 13:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/27/25 22:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/21/25 16:20	05/27/25 22:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/21/25 16:20	05/27/25 22:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/21/25 16:20	05/27/25 22:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*05/21/25 16:20*	*05/27/25 22:20*	*1*
o-Terphenyl	*79*		*70 - 130*	*05/21/25 16:20*	*05/27/25 22:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3490**		49.6		mg/Kg			05/22/25 14:57	5

Client Sample ID: CS - 3

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:10	05/22/25 13:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:10	05/22/25 13:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:10	05/22/25 13:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/22/25 10:10	05/22/25 13:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:10	05/22/25 13:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/22/25 10:10	05/22/25 13:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*05/22/25 10:10*	*05/22/25 13:26*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*05/22/25 10:10*	*05/22/25 13:26*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/22/25 13:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/27/25 22:37	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:20	05/27/25 22:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:20	05/27/25 22:37	1

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Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 3

Lab Sample ID: 890-8213-3
Matrix: Solid
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:20	05/27/25 22:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*76*		*70 - 130*	*05/21/25 16:20*	*05/27/25 22:37*	*1*
o-Terphenyl	*69*	*S1-*	*70 - 130*	*05/21/25 16:20*	*05/27/25 22:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2110**		50.2		mg/Kg			05/22/25 15:04	5

Client Sample ID: CS - 4

Lab Sample ID: 890-8213-4
Matrix: Solid
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:10	05/22/25 13:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:10	05/22/25 13:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:10	05/22/25 13:47	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/22/25 10:10	05/22/25 13:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:10	05/22/25 13:47	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/22/25 10:10	05/22/25 13:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*05/22/25 10:10*	*05/22/25 13:47*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*05/22/25 10:10*	*05/22/25 13:47*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/22/25 13:47	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/27/25 22:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/21/25 16:20	05/27/25 22:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/21/25 16:20	05/27/25 22:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/21/25 16:20	05/27/25 22:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*76*		*70 - 130*	*05/21/25 16:20*	*05/27/25 22:53*	*1*
o-Terphenyl	*64*	*S1-*	*70 - 130*	*05/21/25 16:20*	*05/27/25 22:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2450**		49.8		mg/Kg			05/22/25 15:11	5

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 5

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-5
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:10	05/22/25 14:07	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:10	05/22/25 14:07	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:10	05/22/25 14:07	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/22/25 10:10	05/22/25 14:07	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:10	05/22/25 14:07	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/22/25 10:10	05/22/25 14:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*05/22/25 10:10*	*05/22/25 14:07*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*05/22/25 10:10*	*05/22/25 14:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/22/25 14:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/27/25 23:10	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:20	05/27/25 23:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:20	05/27/25 23:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:20	05/27/25 23:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*74*		*70 - 130*	*05/21/25 16:20*	*05/27/25 23:10*	*1*
o-Terphenyl	*77*		*70 - 130*	*05/21/25 16:20*	*05/27/25 23:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2310**		49.9		mg/Kg			05/22/25 15:18	5

Client Sample ID: CS - 6

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-6
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:10	05/22/25 14:28	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:10	05/22/25 14:28	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:10	05/22/25 14:28	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/22/25 10:10	05/22/25 14:28	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:10	05/22/25 14:28	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/22/25 10:10	05/22/25 14:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*05/22/25 10:10*	*05/22/25 14:28*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*05/22/25 10:10*	*05/22/25 14:28*	*1*

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 6

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-6
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/22/25 14:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/27/25 23:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/21/25 16:20	05/27/25 23:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/21/25 16:20	05/27/25 23:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/21/25 16:20	05/27/25 23:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 130*	*05/21/25 16:20*	*05/27/25 23:26*	*1*
o-Terphenyl	*76*		*70 - 130*	*05/21/25 16:20*	*05/27/25 23:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4600**	**F1**	49.7		mg/Kg			05/22/25 15:25	5

Client Sample ID: CS - 7

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-7
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:10	05/22/25 14:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:10	05/22/25 14:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:10	05/22/25 14:48	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/22/25 10:10	05/22/25 14:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:10	05/22/25 14:48	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/22/25 10:10	05/22/25 14:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*05/22/25 10:10*	*05/22/25 14:48*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*05/22/25 10:10*	*05/22/25 14:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			05/22/25 14:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/27/25 23:42	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:20	05/27/25 23:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:20	05/27/25 23:42	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 7

Lab Sample ID: 890-8213-7
Matrix: Solid
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:20	05/27/25 23:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*05/21/25 16:20*	*05/27/25 23:42*	*1*
o-Terphenyl	*80*		*70 - 130*	*05/21/25 16:20*	*05/27/25 23:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3540**		49.9		mg/Kg			05/22/25 15:46	5

Client Sample ID: CS - 8

Lab Sample ID: 890-8213-8
Matrix: Solid
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:10	05/22/25 15:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:10	05/22/25 15:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:10	05/22/25 15:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/22/25 10:10	05/22/25 15:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:10	05/22/25 15:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/22/25 10:10	05/22/25 15:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*05/22/25 10:10*	*05/22/25 15:09*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*05/22/25 10:10*	*05/22/25 15:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/22/25 15:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/27/25 23:58	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:20	05/27/25 23:58	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:20	05/27/25 23:58	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:20	05/27/25 23:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 130*	*05/21/25 16:20*	*05/27/25 23:58*	*1*
o-Terphenyl	*77*		*70 - 130*	*05/21/25 16:20*	*05/27/25 23:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3480**		49.8		mg/Kg			05/22/25 15:53	5

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 9

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-9

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:10	05/22/25 15:30	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:10	05/22/25 15:30	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:10	05/22/25 15:30	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/22/25 10:10	05/22/25 15:30	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:10	05/22/25 15:30	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/22/25 10:10	05/22/25 15:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*05/22/25 10:10*	*05/22/25 15:30*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*05/22/25 10:10*	*05/22/25 15:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			05/22/25 15:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/28/25 00:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/21/25 16:20	05/28/25 00:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/21/25 16:20	05/28/25 00:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/21/25 16:20	05/28/25 00:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*76*		*70 - 130*	*05/21/25 16:20*	*05/28/25 00:15*	*1*
o-Terphenyl	*78*		*70 - 130*	*05/21/25 16:20*	*05/28/25 00:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4610**		49.6		mg/Kg			05/22/25 16:14	5

Client Sample ID: CS - 10

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-10

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:10	05/22/25 15:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:10	05/22/25 15:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:10	05/22/25 15:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/22/25 10:10	05/22/25 15:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:10	05/22/25 15:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/22/25 10:10	05/22/25 15:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*05/22/25 10:10*	*05/22/25 15:50*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*05/22/25 10:10*	*05/22/25 15:50*	*1*

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 10

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-10

Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/22/25 15:50	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/28/25 00:30	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:20	05/28/25 00:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:20	05/28/25 00:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:20	05/28/25 00:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*05/21/25 16:20*	*05/28/25 00:30*	*1*
o-Terphenyl	*80*		*70 - 130*	*05/21/25 16:20*	*05/28/25 00:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**889**		10.0		mg/Kg			05/22/25 16:22	1

Client Sample ID: CS - 11

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-11

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:10	05/22/25 17:15	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:10	05/22/25 17:15	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:10	05/22/25 17:15	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/22/25 10:10	05/22/25 17:15	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:10	05/22/25 17:15	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/22/25 10:10	05/22/25 17:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*05/22/25 10:10*	*05/22/25 17:15*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*05/22/25 10:10*	*05/22/25 17:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/22/25 17:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/28/25 01:02	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		05/21/25 16:20	05/28/25 01:02	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/21/25 16:20	05/28/25 01:02	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 11

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-11
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/21/25 16:20	05/28/25 01:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*81*		*70 - 130*	*05/21/25 16:20*	*05/28/25 01:02*	*1*
o-Terphenyl	*75*		*70 - 130*	*05/21/25 16:20*	*05/28/25 01:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2990**		50.5		mg/Kg			05/22/25 16:29	5

Client Sample ID: CS - 12

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-12
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:10	05/22/25 17:35	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:10	05/22/25 17:35	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:10	05/22/25 17:35	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		05/22/25 10:10	05/22/25 17:35	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:10	05/22/25 17:35	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		05/22/25 10:10	05/22/25 17:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*05/22/25 10:10*	*05/22/25 17:35*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*05/22/25 10:10*	*05/22/25 17:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			05/22/25 17:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/28/25 01:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:20	05/28/25 01:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:20	05/28/25 01:18	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:20	05/28/25 01:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*05/21/25 16:20*	*05/28/25 01:18*	*1*
o-Terphenyl	*71*		*70 - 130*	*05/21/25 16:20*	*05/28/25 01:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2680**		49.7		mg/Kg			05/22/25 16:36	5

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 13

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-13

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:10	05/22/25 17:56	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:10	05/22/25 17:56	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:10	05/22/25 17:56	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/22/25 10:10	05/22/25 17:56	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:10	05/22/25 17:56	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/22/25 10:10	05/22/25 17:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*05/22/25 10:10*	*05/22/25 17:56*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*05/22/25 10:10*	*05/22/25 17:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			05/22/25 17:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/28/25 01:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		05/21/25 16:20	05/28/25 01:35	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/21/25 16:20	05/28/25 01:35	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/21/25 16:20	05/28/25 01:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*75*		*70 - 130*	*05/21/25 16:20*	*05/28/25 01:35*	*1*
o-Terphenyl	*69*	*S1-*	*70 - 130*	*05/21/25 16:20*	*05/28/25 01:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2020**		49.8		mg/Kg			05/22/25 16:43	5

Client Sample ID: CS - 14

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-14

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:10	05/22/25 18:17	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:10	05/22/25 18:17	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:10	05/22/25 18:17	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/22/25 10:10	05/22/25 18:17	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:10	05/22/25 18:17	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/22/25 10:10	05/22/25 18:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*05/22/25 10:10*	*05/22/25 18:17*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*05/22/25 10:10*	*05/22/25 18:17*	*1*

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 14
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-14
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			05/22/25 18:17	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/28/25 01:50	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/21/25 16:20	05/28/25 01:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/21/25 16:20	05/28/25 01:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/21/25 16:20	05/28/25 01:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*76*		*70 - 130*	*05/21/25 16:20*	*05/28/25 01:50*	*1*
o-Terphenyl	*73*		*70 - 130*	*05/21/25 16:20*	*05/28/25 01:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4880**		49.9		mg/Kg			05/22/25 16:50	5

Client Sample ID: CS - 15
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-15
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:10	05/22/25 18:37	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:10	05/22/25 18:37	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:10	05/22/25 18:37	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/22/25 10:10	05/22/25 18:37	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:10	05/22/25 18:37	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/22/25 10:10	05/22/25 18:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*05/22/25 10:10*	*05/22/25 18:37*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*05/22/25 10:10*	*05/22/25 18:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			05/22/25 18:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/28/25 02:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:20	05/28/25 02:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:20	05/28/25 02:08	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 15

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-15
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:20	05/28/25 02:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*05/21/25 16:20*	*05/28/25 02:08*	*1*
o-Terphenyl	*76*		*70 - 130*	*05/21/25 16:20*	*05/28/25 02:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4510**		50.2		mg/Kg			05/22/25 16:58	5

Client Sample ID: CS - 16

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-16
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:10	05/22/25 18:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:10	05/22/25 18:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:10	05/22/25 18:58	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/22/25 10:10	05/22/25 18:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:10	05/22/25 18:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/22/25 10:10	05/22/25 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*05/22/25 10:10*	*05/22/25 18:58*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*05/22/25 10:10*	*05/22/25 18:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/22/25 18:58	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/28/25 02:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:20	05/28/25 02:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:20	05/28/25 02:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:20	05/28/25 02:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 130*	*05/21/25 16:20*	*05/28/25 02:23*	*1*
o-Terphenyl	*70*		*70 - 130*	*05/21/25 16:20*	*05/28/25 02:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2450**	**F1**	49.6		mg/Kg			05/22/25 14:59	5

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 17

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-17
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:10	05/22/25 19:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:10	05/22/25 19:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:10	05/22/25 19:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/22/25 10:10	05/22/25 19:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:10	05/22/25 19:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/22/25 10:10	05/22/25 19:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*05/22/25 10:10*	*05/22/25 19:18*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*05/22/25 10:10*	*05/22/25 19:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/22/25 19:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/28/25 02:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:20	05/28/25 02:40	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:20	05/28/25 02:40	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:20	05/28/25 02:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 130*	*05/21/25 16:20*	*05/28/25 02:40*	*1*
o-Terphenyl	*74*		*70 - 130*	*05/21/25 16:20*	*05/28/25 02:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1740**		49.9		mg/Kg			05/22/25 15:19	5

Client Sample ID: CS - 18

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-18
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:10	05/22/25 19:39	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:10	05/22/25 19:39	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:10	05/22/25 19:39	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/22/25 10:10	05/22/25 19:39	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:10	05/22/25 19:39	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/22/25 10:10	05/22/25 19:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*05/22/25 10:10*	*05/22/25 19:39*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*05/22/25 10:10*	*05/22/25 19:39*	*1*

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 18

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-18
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			05/22/25 19:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/28/25 02:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/21/25 16:20	05/28/25 02:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/21/25 16:20	05/28/25 02:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/21/25 16:20	05/28/25 02:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*05/21/25 16:20*	*05/28/25 02:56*	*1*
o-Terphenyl	*78*		*70 - 130*	*05/21/25 16:20*	*05/28/25 02:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2750**		49.6		mg/Kg			05/22/25 15:26	5

Client Sample ID: CS - 19

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-19
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:10	05/22/25 19:59	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:10	05/22/25 19:59	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:10	05/22/25 19:59	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/22/25 10:10	05/22/25 19:59	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:10	05/22/25 19:59	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/22/25 10:10	05/22/25 19:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*05/22/25 10:10*	*05/22/25 19:59*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*05/22/25 10:10*	*05/22/25 19:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/22/25 19:59	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/28/25 03:12	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:20	05/28/25 03:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:20	05/28/25 03:12	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 19

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-19

Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:20	05/28/25 03:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*05/21/25 16:20*	*05/28/25 03:12*	*1*
o-Terphenyl	*81*		*70 - 130*	*05/21/25 16:20*	*05/28/25 03:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4020**		49.5		mg/Kg			05/22/25 15:33	5

Client Sample ID: CS - 20

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-20

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:10	05/22/25 20:20	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:10	05/22/25 20:20	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:10	05/22/25 20:20	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/22/25 10:10	05/22/25 20:20	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:10	05/22/25 20:20	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/22/25 10:10	05/22/25 20:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*05/22/25 10:10*	*05/22/25 20:20*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*05/22/25 10:10*	*05/22/25 20:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			05/22/25 20:20	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/28/25 03:28	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:20	05/28/25 03:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:20	05/28/25 03:28	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:20	05/28/25 03:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*05/21/25 16:20*	*05/28/25 03:28*	*1*
o-Terphenyl	*78*		*70 - 130*	*05/21/25 16:20*	*05/28/25 03:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3180**		49.5		mg/Kg			05/22/25 15:42	5

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 21

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-21
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:16	05/22/25 12:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:16	05/22/25 12:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:16	05/22/25 12:20	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/22/25 10:16	05/22/25 12:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:16	05/22/25 12:20	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/22/25 10:16	05/22/25 12:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*05/22/25 10:16*	*05/22/25 12:20*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*05/22/25 10:16*	*05/22/25 12:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/22/25 12:20	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/27/25 21:32	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:22	05/27/25 21:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:22	05/27/25 21:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:22	05/27/25 21:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*05/21/25 16:22*	*05/27/25 21:32*	*1*
o-Terphenyl	*81*		*70 - 130*	*05/21/25 16:22*	*05/27/25 21:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3270**		49.8		mg/Kg			05/22/25 16:22	5

Client Sample ID: CS - 22

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-22
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:16	05/22/25 12:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:16	05/22/25 12:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:16	05/22/25 12:41	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/22/25 10:16	05/22/25 12:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:16	05/22/25 12:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/22/25 10:16	05/22/25 12:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*05/22/25 10:16*	*05/22/25 12:41*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*05/22/25 10:16*	*05/22/25 12:41*	*1*

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 22
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-22
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/22/25 12:41	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/27/25 22:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:22	05/27/25 22:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:22	05/27/25 22:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:22	05/27/25 22:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*05/21/25 16:22*	*05/27/25 22:20*	*1*
o-Terphenyl	*95*		*70 - 130*	*05/21/25 16:22*	*05/27/25 22:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**692**		9.98		mg/Kg			05/22/25 16:29	1

Client Sample ID: CS - 23
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-23
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:16	05/22/25 13:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:16	05/22/25 13:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:16	05/22/25 13:02	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/22/25 10:16	05/22/25 13:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:16	05/22/25 13:02	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/22/25 10:16	05/22/25 13:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*05/22/25 10:16*	*05/22/25 13:02*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*05/22/25 10:16*	*05/22/25 13:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			05/22/25 13:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/27/25 22:37	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/21/25 16:22	05/27/25 22:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/21/25 16:22	05/27/25 22:37	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 23
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/21/25 16:22	05/27/25 22:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*05/21/25 16:22*	*05/27/25 22:37*	*1*
o-Terphenyl	*68*	*S1-*	*70 - 130*	*05/21/25 16:22*	*05/27/25 22:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**392**		10.1		mg/Kg			05/22/25 16:36	1

Client Sample ID: CS - 24
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-24
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:16	05/22/25 13:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:16	05/22/25 13:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:16	05/22/25 13:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/22/25 10:16	05/22/25 13:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:16	05/22/25 13:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/22/25 10:16	05/22/25 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*05/22/25 10:16*	*05/22/25 13:22*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*05/22/25 10:16*	*05/22/25 13:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/22/25 13:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/27/25 22:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:22	05/27/25 22:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:22	05/27/25 22:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:22	05/27/25 22:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*05/21/25 16:22*	*05/27/25 22:53*	*1*
o-Terphenyl	*52*	*S1-*	*70 - 130*	*05/21/25 16:22*	*05/27/25 22:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**501**		9.94		mg/Kg			05/22/25 16:43	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 25

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-25
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:16	05/22/25 13:43	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:16	05/22/25 13:43	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:16	05/22/25 13:43	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		05/22/25 10:16	05/22/25 13:43	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:16	05/22/25 13:43	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		05/22/25 10:16	05/22/25 13:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*05/22/25 10:16*	*05/22/25 13:43*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*05/22/25 10:16*	*05/22/25 13:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			05/22/25 13:43	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/27/25 23:10	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:22	05/27/25 23:10	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:22	05/27/25 23:10	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:22	05/27/25 23:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*05/21/25 16:22*	*05/27/25 23:10*	*1*
o-Terphenyl	*76*		*70 - 130*	*05/21/25 16:22*	*05/27/25 23:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**551**		9.98		mg/Kg			05/22/25 16:50	1

Client Sample ID: CS - 26

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-26
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:16	05/22/25 14:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:16	05/22/25 14:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:16	05/22/25 14:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/22/25 10:16	05/22/25 14:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:16	05/22/25 14:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/22/25 10:16	05/22/25 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*05/22/25 10:16*	*05/22/25 14:03*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*05/22/25 10:16*	*05/22/25 14:03*	*1*

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 26

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-26
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/22/25 14:03	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/27/25 23:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		05/21/25 16:22	05/27/25 23:26	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/21/25 16:22	05/27/25 23:26	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/21/25 16:22	05/27/25 23:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*05/21/25 16:22*	*05/27/25 23:26*	*1*
o-Terphenyl	*76*		*70 - 130*	*05/21/25 16:22*	*05/27/25 23:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**175**		10.0		mg/Kg			05/22/25 16:56	1

Client Sample ID: CS - 27

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-27
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:16	05/22/25 14:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:16	05/22/25 14:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:16	05/22/25 14:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/22/25 10:16	05/22/25 14:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:16	05/22/25 14:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/22/25 10:16	05/22/25 14:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*05/22/25 10:16*	*05/22/25 14:24*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*05/22/25 10:16*	*05/22/25 14:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/22/25 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/27/25 23:42	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:22	05/27/25 23:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:22	05/27/25 23:42	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 27

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-27
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:22	05/27/25 23:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*05/21/25 16:22*	*05/27/25 23:42*	*1*
o-Terphenyl	*56*	*S1-*	*70 - 130*	*05/21/25 16:22*	*05/27/25 23:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**308**		9.90		mg/Kg			05/22/25 17:17	1

Client Sample ID: CS - 28

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-28
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:16	05/22/25 14:44	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:16	05/22/25 14:44	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:16	05/22/25 14:44	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/22/25 10:16	05/22/25 14:44	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:16	05/22/25 14:44	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/22/25 10:16	05/22/25 14:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*05/22/25 10:16*	*05/22/25 14:44*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*05/22/25 10:16*	*05/22/25 14:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/22/25 14:44	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/27/25 23:58	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:22	05/27/25 23:58	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:22	05/27/25 23:58	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:22	05/27/25 23:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*05/21/25 16:22*	*05/27/25 23:58*	*1*
o-Terphenyl	*77*		*70 - 130*	*05/21/25 16:22*	*05/27/25 23:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2430**		49.5		mg/Kg			05/22/25 17:24	5

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 29

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-29

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:16	05/22/25 15:05	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:16	05/22/25 15:05	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:16	05/22/25 15:05	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/22/25 10:16	05/22/25 15:05	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:16	05/22/25 15:05	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/22/25 10:16	05/22/25 15:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*05/22/25 10:16*	*05/22/25 15:05*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*05/22/25 10:16*	*05/22/25 15:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/22/25 15:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/28/25 00:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/21/25 16:22	05/28/25 00:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/21/25 16:22	05/28/25 00:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/21/25 16:22	05/28/25 00:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*05/21/25 16:22*	*05/28/25 00:15*	*1*
o-Terphenyl	*60*	*S1-*	*70 - 130*	*05/21/25 16:22*	*05/28/25 00:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**770**		9.92		mg/Kg			05/22/25 17:44	1

Client Sample ID: CS - 30

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-30

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:16	05/22/25 15:26	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:16	05/22/25 15:26	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:16	05/22/25 15:26	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/22/25 10:16	05/22/25 15:26	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:16	05/22/25 15:26	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/22/25 10:16	05/22/25 15:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*05/22/25 10:16*	*05/22/25 15:26*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*05/22/25 10:16*	*05/22/25 15:26*	*1*

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 30

Lab Sample ID: 890-8213-30

Date Collected: 05/20/25 00:00
Matrix: Solid
Date Received: 05/21/25 12:09

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/22/25 15:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/28/25 00:30	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:22	05/28/25 00:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:22	05/28/25 00:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:22	05/28/25 00:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*05/21/25 16:22*	*05/28/25 00:30*	*1*
o-Terphenyl	*83*		*70 - 130*	*05/21/25 16:22*	*05/28/25 00:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1820**		50.4		mg/Kg			05/22/25 17:51	5

Client Sample ID: CS - 31

Lab Sample ID: 890-8213-31

Date Collected: 05/20/25 00:00
Matrix: Solid
Date Received: 05/21/25 12:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:16	05/22/25 17:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:16	05/22/25 17:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:16	05/22/25 17:58	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/22/25 10:16	05/22/25 17:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:16	05/22/25 17:58	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/22/25 10:16	05/22/25 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*05/22/25 10:16*	*05/22/25 17:58*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*05/22/25 10:16*	*05/22/25 17:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			05/22/25 17:58	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/28/25 01:02	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:22	05/28/25 01:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:22	05/28/25 01:02	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 31
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-31
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:22	05/28/25 01:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*05/21/25 16:22*	*05/28/25 01:02*	*1*
o-Terphenyl	*82*		*70 - 130*	*05/21/25 16:22*	*05/28/25 01:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1370**		9.94		mg/Kg			05/22/25 17:58	1

Client Sample ID: CS - 32
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-32
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:16	05/22/25 18:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:16	05/22/25 18:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:16	05/22/25 18:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/22/25 10:16	05/22/25 18:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:16	05/22/25 18:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/22/25 10:16	05/22/25 18:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*05/22/25 10:16*	*05/22/25 18:18*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*05/22/25 10:16*	*05/22/25 18:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/22/25 18:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/28/25 01:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:22	05/28/25 01:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:22	05/28/25 01:18	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:22	05/28/25 01:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*05/21/25 16:22*	*05/28/25 01:18*	*1*
o-Terphenyl	*88*		*70 - 130*	*05/21/25 16:22*	*05/28/25 01:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**439**		9.96		mg/Kg			05/22/25 18:05	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 33

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-33

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:16	05/22/25 18:39	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:16	05/22/25 18:39	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:16	05/22/25 18:39	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/22/25 10:16	05/22/25 18:39	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:16	05/22/25 18:39	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/22/25 10:16	05/22/25 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*05/22/25 10:16*	*05/22/25 18:39*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*05/22/25 10:16*	*05/22/25 18:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			05/22/25 18:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/28/25 01:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		05/21/25 16:22	05/28/25 01:35	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/21/25 16:22	05/28/25 01:35	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/21/25 16:22	05/28/25 01:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*05/21/25 16:22*	*05/28/25 01:35*	*1*
o-Terphenyl	*79*		*70 - 130*	*05/21/25 16:22*	*05/28/25 01:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1060**		9.98		mg/Kg			05/22/25 18:11	1

Client Sample ID: CS - 34

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-34

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:16	05/22/25 18:59	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:16	05/22/25 18:59	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:16	05/22/25 18:59	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/22/25 10:16	05/22/25 18:59	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:16	05/22/25 18:59	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/22/25 10:16	05/22/25 18:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*05/22/25 10:16*	*05/22/25 18:59*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*05/22/25 10:16*	*05/22/25 18:59*	*1*

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 34

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-34
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			05/22/25 18:59	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/28/25 01:50	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:22	05/28/25 01:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:22	05/28/25 01:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:22	05/28/25 01:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*05/21/25 16:22*	*05/28/25 01:50*	*1*
o-Terphenyl	*87*		*70 - 130*	*05/21/25 16:22*	*05/28/25 01:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**880**		10.0		mg/Kg			05/22/25 18:18	1

Client Sample ID: CS - 35

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-35
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:16	05/22/25 19:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:16	05/22/25 19:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:16	05/22/25 19:20	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/22/25 10:16	05/22/25 19:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:16	05/22/25 19:20	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/22/25 10:16	05/22/25 19:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*05/22/25 10:16*	*05/22/25 19:20*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*05/22/25 10:16*	*05/22/25 19:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/22/25 19:20	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/28/25 02:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:22	05/28/25 02:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:22	05/28/25 02:08	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 35
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-35
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:22	05/28/25 02:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*05/21/25 16:22*	*05/28/25 02:08*	*1*
o-Terphenyl	*96*		*70 - 130*	*05/21/25 16:22*	*05/28/25 02:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**120**		9.94		mg/Kg			05/22/25 18:25	1

Client Sample ID: CS - 36
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-36
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:16	05/22/25 19:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:16	05/22/25 19:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:16	05/22/25 19:41	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/22/25 10:16	05/22/25 19:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:16	05/22/25 19:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/22/25 10:16	05/22/25 19:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*05/22/25 10:16*	*05/22/25 19:41*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*05/22/25 10:16*	*05/22/25 19:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/22/25 19:41	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/28/25 02:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:22	05/28/25 02:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:22	05/28/25 02:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:22	05/28/25 02:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*05/21/25 16:22*	*05/28/25 02:23*	*1*
o-Terphenyl	*94*		*70 - 130*	*05/21/25 16:22*	*05/28/25 02:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**100**		10.1		mg/Kg			05/22/25 17:54	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 37

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-37
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:16	05/22/25 20:01	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:16	05/22/25 20:01	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:16	05/22/25 20:01	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/22/25 10:16	05/22/25 20:01	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:16	05/22/25 20:01	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/22/25 10:16	05/22/25 20:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*05/22/25 10:16*	*05/22/25 20:01*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*05/22/25 10:16*	*05/22/25 20:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			05/22/25 20:01	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/28/25 02:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:22	05/28/25 02:40	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:22	05/28/25 02:40	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:22	05/28/25 02:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*05/21/25 16:22*	*05/28/25 02:40*	*1*
o-Terphenyl	*75*		*70 - 130*	*05/21/25 16:22*	*05/28/25 02:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**121**		9.96		mg/Kg			05/22/25 18:16	1

Client Sample ID: CS - 38

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-38
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:16	05/22/25 20:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:16	05/22/25 20:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:16	05/22/25 20:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/22/25 10:16	05/22/25 20:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:16	05/22/25 20:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/22/25 10:16	05/22/25 20:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*05/22/25 10:16*	*05/22/25 20:22*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*05/22/25 10:16*	*05/22/25 20:22*	*1*

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 38

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-38
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/22/25 20:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/28/25 02:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/21/25 16:22	05/28/25 02:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/21/25 16:22	05/28/25 02:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/21/25 16:22	05/28/25 02:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*05/21/25 16:22*	*05/28/25 02:56*	*1*
o-Terphenyl	*82*		*70 - 130*	*05/21/25 16:22*	*05/28/25 02:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**123**		9.98		mg/Kg			05/22/25 18:23	1

Client Sample ID: CS - 39

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-39
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:16	05/22/25 20:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:16	05/22/25 20:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:16	05/22/25 20:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/22/25 10:16	05/22/25 20:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:16	05/22/25 20:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/22/25 10:16	05/22/25 20:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*05/22/25 10:16*	*05/22/25 20:42*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*05/22/25 10:16*	*05/22/25 20:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/22/25 20:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/28/25 03:12	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:22	05/28/25 03:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:22	05/28/25 03:12	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 39
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-39
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:22	05/28/25 03:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*05/21/25 16:22*	*05/28/25 03:12*	*1*
o-Terphenyl	*74*		*70 - 130*	*05/21/25 16:22*	*05/28/25 03:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**174**		9.96		mg/Kg			05/22/25 18:30	1

Client Sample ID: CS - 40
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-40
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:16	05/22/25 21:03	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:16	05/22/25 21:03	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:16	05/22/25 21:03	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/22/25 10:16	05/22/25 21:03	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:16	05/22/25 21:03	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/22/25 10:16	05/22/25 21:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*05/22/25 10:16*	*05/22/25 21:03*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*05/22/25 10:16*	*05/22/25 21:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/22/25 21:03	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/28/25 03:28	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:22	05/28/25 03:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:22	05/28/25 03:28	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:22	05/28/25 03:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*05/21/25 16:22*	*05/28/25 03:28*	*1*
o-Terphenyl	*74*		*70 - 130*	*05/21/25 16:22*	*05/28/25 03:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**373**		9.94		mg/Kg			05/22/25 18:37	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 41

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-41
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:19	05/22/25 12:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:19	05/22/25 12:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:19	05/22/25 12:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/22/25 10:19	05/22/25 12:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:19	05/22/25 12:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/22/25 10:19	05/22/25 12:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*05/22/25 10:19*	*05/22/25 12:21*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*05/22/25 10:19*	*05/22/25 12:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/22/25 12:21	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/27/25 19:02	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/21/25 16:24	05/27/25 19:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/21/25 16:24	05/27/25 19:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/21/25 16:24	05/27/25 19:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*05/21/25 16:24*	*05/27/25 19:02*	*1*
o-Terphenyl	*70*		*70 - 130*	*05/21/25 16:24*	*05/27/25 19:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**369**		9.98		mg/Kg			05/22/25 18:58	1

Client Sample ID: CS - 42

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-42
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:19	05/22/25 12:41	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:19	05/22/25 12:41	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:19	05/22/25 12:41	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/22/25 10:19	05/22/25 12:41	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:19	05/22/25 12:41	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/22/25 10:19	05/22/25 12:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*05/22/25 10:19*	*05/22/25 12:41*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*05/22/25 10:19*	*05/22/25 12:41*	*1*

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 42

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-42
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			05/22/25 12:41	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/27/25 19:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:24	05/27/25 19:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:24	05/27/25 19:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:24	05/27/25 19:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*05/21/25 16:24*	*05/27/25 19:46*	*1*
o-Terphenyl	*59*	*S1-*	*70 - 130*	*05/21/25 16:24*	*05/27/25 19:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**398**		9.96		mg/Kg			05/22/25 19:05	1

Client Sample ID: CS - 43

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-43
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:19	05/22/25 13:02	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:19	05/22/25 13:02	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:19	05/22/25 13:02	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/22/25 10:19	05/22/25 13:02	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:19	05/22/25 13:02	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/22/25 10:19	05/22/25 13:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*05/22/25 10:19*	*05/22/25 13:02*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*05/22/25 10:19*	*05/22/25 13:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/22/25 13:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/27/25 20:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:24	05/27/25 20:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:24	05/27/25 20:01	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 43

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-43
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:24	05/27/25 20:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*05/21/25 16:24*	*05/27/25 20:01*	*1*
o-Terphenyl	*82*		*70 - 130*	*05/21/25 16:24*	*05/27/25 20:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**552**		10.0		mg/Kg			05/22/25 19:12	1

Client Sample ID: CS - 44

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-44
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 13:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 13:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 13:22	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/22/25 10:19	05/22/25 13:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 13:22	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/22/25 10:19	05/22/25 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*05/22/25 10:19*	*05/22/25 13:22*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*05/22/25 10:19*	*05/22/25 13:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			05/22/25 13:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/27/25 20:17	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/21/25 16:24	05/27/25 20:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/21/25 16:24	05/27/25 20:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/21/25 16:24	05/27/25 20:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*05/21/25 16:24*	*05/27/25 20:17*	*1*
o-Terphenyl	*98*		*70 - 130*	*05/21/25 16:24*	*05/27/25 20:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**261**		10.0		mg/Kg			05/22/25 19:19	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 45

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-45
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 13:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 13:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 13:43	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/22/25 10:19	05/22/25 13:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 13:43	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/22/25 10:19	05/22/25 13:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*05/22/25 10:19*	*05/22/25 13:43*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*05/22/25 10:19*	*05/22/25 13:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/22/25 13:43	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			05/27/25 20:32	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		05/21/25 16:24	05/27/25 20:32	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		05/21/25 16:24	05/27/25 20:32	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		05/21/25 16:24	05/27/25 20:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*05/21/25 16:24*	*05/27/25 20:32*	*1*
o-Terphenyl	*86*		*70 - 130*	*05/21/25 16:24*	*05/27/25 20:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**394**		10.1		mg/Kg			05/22/25 19:26	1

Client Sample ID: CS - 46

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-46
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:19	05/22/25 14:03	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:19	05/22/25 14:03	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:19	05/22/25 14:03	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/22/25 10:19	05/22/25 14:03	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:19	05/22/25 14:03	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/22/25 10:19	05/22/25 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*05/22/25 10:19*	*05/22/25 14:03*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*05/22/25 10:19*	*05/22/25 14:03*	*1*

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 46

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-46
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/22/25 14:03	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/27/25 20:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		05/21/25 16:24	05/27/25 20:47	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/21/25 16:24	05/27/25 20:47	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/21/25 16:24	05/27/25 20:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*05/21/25 16:24*	*05/27/25 20:47*	*1*
o-Terphenyl	*94*		*70 - 130*	*05/21/25 16:24*	*05/27/25 20:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1460**		9.94		mg/Kg			05/22/25 19:33	1

Client Sample ID: CS - 47

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-47
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 14:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 14:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 14:24	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/22/25 10:19	05/22/25 14:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 14:24	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/22/25 10:19	05/22/25 14:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*05/22/25 10:19*	*05/22/25 14:24*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*05/22/25 10:19*	*05/22/25 14:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			05/22/25 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/27/25 21:02	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:24	05/27/25 21:02	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:24	05/27/25 21:02	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 47

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-47
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:24	05/27/25 21:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*05/21/25 16:24*	*05/27/25 21:02*	*1*
o-Terphenyl	*95*		*70 - 130*	*05/21/25 16:24*	*05/27/25 21:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1490**		9.92		mg/Kg			05/22/25 19:55	1

Client Sample ID: CS - 48

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-48
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:19	05/22/25 14:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:19	05/22/25 14:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:19	05/22/25 14:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/22/25 10:19	05/22/25 14:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:19	05/22/25 14:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/22/25 10:19	05/22/25 14:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*05/22/25 10:19*	*05/22/25 14:45*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*05/22/25 10:19*	*05/22/25 14:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/22/25 14:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/27/25 21:16	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:24	05/27/25 21:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:24	05/27/25 21:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:24	05/27/25 21:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*05/21/25 16:24*	*05/27/25 21:16*	*1*
o-Terphenyl	*99*		*70 - 130*	*05/21/25 16:24*	*05/27/25 21:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3910**		49.8		mg/Kg			05/22/25 20:02	5

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 1

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-49
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 15:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 15:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 15:05	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/22/25 10:19	05/22/25 15:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 15:05	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/22/25 10:19	05/22/25 15:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*05/22/25 10:19*	*05/22/25 15:05*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*05/22/25 10:19*	*05/22/25 15:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/22/25 15:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/27/25 21:33	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/21/25 16:24	05/27/25 21:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/21/25 16:24	05/27/25 21:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/21/25 16:24	05/27/25 21:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*05/21/25 16:24*	*05/27/25 21:33*	*1*
o-Terphenyl	*54*	*S1-*	*70 - 130*	*05/21/25 16:24*	*05/27/25 21:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**303**		9.98		mg/Kg			05/22/25 20:23	1

Client Sample ID: SW - 2

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-50
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 15:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 15:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 15:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/22/25 10:19	05/22/25 15:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 15:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/22/25 10:19	05/22/25 15:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*05/22/25 10:19*	*05/22/25 15:26*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*05/22/25 10:19*	*05/22/25 15:26*	*1*

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 2

Lab Sample ID: 890-8213-50
Matrix: Solid
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/22/25 15:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/27/25 21:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:24	05/27/25 21:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:24	05/27/25 21:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:24	05/27/25 21:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*05/21/25 16:24*	*05/27/25 21:47*	*1*
o-Terphenyl	*101*		*70 - 130*	*05/21/25 16:24*	*05/27/25 21:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**452**		10.0		mg/Kg			05/22/25 20:30	1

Client Sample ID: SW - 3

Lab Sample ID: 890-8213-51
Matrix: Solid
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:19	05/22/25 18:04	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:19	05/22/25 18:04	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:19	05/22/25 18:04	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/22/25 10:19	05/22/25 18:04	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:19	05/22/25 18:04	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/22/25 10:19	05/22/25 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*05/22/25 10:19*	*05/22/25 18:04*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*05/22/25 10:19*	*05/22/25 18:04*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			05/22/25 18:04	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/27/25 22:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:24	05/27/25 22:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:24	05/27/25 22:18	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 3

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-51
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:24	05/27/25 22:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*05/21/25 16:24*	*05/27/25 22:18*	*1*
o-Terphenyl	*90*		*70 - 130*	*05/21/25 16:24*	*05/27/25 22:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1490**		9.94		mg/Kg			05/22/25 20:37	1

Client Sample ID: SW - 4

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-52
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:19	05/22/25 18:25	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:19	05/22/25 18:25	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:19	05/22/25 18:25	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/22/25 10:19	05/22/25 18:25	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:19	05/22/25 18:25	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/22/25 10:19	05/22/25 18:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*05/22/25 10:19*	*05/22/25 18:25*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*05/22/25 10:19*	*05/22/25 18:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/22/25 18:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/27/25 22:34	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:24	05/27/25 22:34	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:24	05/27/25 22:34	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:24	05/27/25 22:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*05/21/25 16:24*	*05/27/25 22:34*	*1*
o-Terphenyl	*92*		*70 - 130*	*05/21/25 16:24*	*05/27/25 22:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1030**		9.92		mg/Kg			05/22/25 20:44	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 5

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-53
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:19	05/22/25 18:45	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:19	05/22/25 18:45	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:19	05/22/25 18:45	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/22/25 10:19	05/22/25 18:45	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:19	05/22/25 18:45	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/22/25 10:19	05/22/25 18:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*05/22/25 10:19*	*05/22/25 18:45*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*05/22/25 10:19*	*05/22/25 18:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/22/25 18:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/27/25 22:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		05/21/25 16:24	05/27/25 22:49	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/21/25 16:24	05/27/25 22:49	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/21/25 16:24	05/27/25 22:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*05/21/25 16:24*	*05/27/25 22:49*	*1*
o-Terphenyl	*87*		*70 - 130*	*05/21/25 16:24*	*05/27/25 22:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4120**		50.2		mg/Kg			05/22/25 20:51	5

Client Sample ID: SW - 6

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-54
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:19	05/22/25 19:06	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:19	05/22/25 19:06	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:19	05/22/25 19:06	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/22/25 10:19	05/22/25 19:06	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:19	05/22/25 19:06	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/22/25 10:19	05/22/25 19:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*05/22/25 10:19*	*05/22/25 19:06*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*05/22/25 10:19*	*05/22/25 19:06*	*1*

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 6

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-54
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/22/25 19:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/27/25 23:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		05/21/25 16:24	05/27/25 23:04	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/21/25 16:24	05/27/25 23:04	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/21/25 16:24	05/27/25 23:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*05/21/25 16:24*	*05/27/25 23:04*	*1*
o-Terphenyl	*104*		*70 - 130*	*05/21/25 16:24*	*05/27/25 23:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5410**		49.8		mg/Kg			05/22/25 20:58	5

Client Sample ID: SW - 7

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-55
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:19	05/22/25 19:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:19	05/22/25 19:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:19	05/22/25 19:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/22/25 10:19	05/22/25 19:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:19	05/22/25 19:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/22/25 10:19	05/22/25 19:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*05/22/25 10:19*	*05/22/25 19:26*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*05/22/25 10:19*	*05/22/25 19:26*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/22/25 19:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/27/25 23:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:24	05/27/25 23:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:24	05/27/25 23:18	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 7

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-55
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:24	05/27/25 23:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*05/21/25 16:24*	*05/27/25 23:18*	*1*
o-Terphenyl	*99*		*70 - 130*	*05/21/25 16:24*	*05/27/25 23:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3780**		50.0		mg/Kg			05/22/25 21:05	5

Client Sample ID: SW - 8

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-56
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 19:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 19:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 19:47	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/22/25 10:19	05/22/25 19:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 19:47	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/22/25 10:19	05/22/25 19:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*05/22/25 10:19*	*05/22/25 19:47*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*05/22/25 10:19*	*05/22/25 19:47*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/22/25 19:47	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/27/25 23:34	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:24	05/27/25 23:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:24	05/27/25 23:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:24	05/27/25 23:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*05/21/25 16:24*	*05/27/25 23:34*	*1*
o-Terphenyl	*104*		*70 - 130*	*05/21/25 16:24*	*05/27/25 23:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8260**		99.2		mg/Kg			05/23/25 01:48	10

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 9

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-57
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 20:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 20:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 20:07	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/22/25 10:19	05/22/25 20:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 20:07	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/22/25 10:19	05/22/25 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*05/22/25 10:19*	*05/22/25 20:07*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*05/22/25 10:19*	*05/22/25 20:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			05/22/25 20:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/27/25 23:48	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:24	05/27/25 23:48	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:24	05/27/25 23:48	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:24	05/27/25 23:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*05/21/25 16:24*	*05/27/25 23:48*	*1*
o-Terphenyl	*94*		*70 - 130*	*05/21/25 16:24*	*05/27/25 23:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2150**		49.5		mg/Kg			05/23/25 02:10	5

Client Sample ID: SW - 10

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-58
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:19	05/22/25 20:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:19	05/22/25 20:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:19	05/22/25 20:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/22/25 10:19	05/22/25 20:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:19	05/22/25 20:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/22/25 10:19	05/22/25 20:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*05/22/25 10:19*	*05/22/25 20:28*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*05/22/25 10:19*	*05/22/25 20:28*	*1*

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 10

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-58
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/22/25 20:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/28/25 00:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/21/25 16:24	05/28/25 00:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/21/25 16:24	05/28/25 00:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/21/25 16:24	05/28/25 00:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*05/21/25 16:24*	*05/28/25 00:04*	*1*
o-Terphenyl	*102*		*70 - 130*	*05/21/25 16:24*	*05/28/25 00:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4630**		49.5		mg/Kg			05/23/25 02:17	5

Client Sample ID: SW - 11

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-59
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 20:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 20:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 20:48	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/22/25 10:19	05/22/25 20:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 20:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/22/25 10:19	05/22/25 20:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*05/22/25 10:19*	*05/22/25 20:48*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*05/22/25 10:19*	*05/22/25 20:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/22/25 20:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/28/25 00:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:24	05/28/25 00:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:24	05/28/25 00:18	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 11

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-59
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:24	05/28/25 00:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*05/21/25 16:24*	*05/28/25 00:18*	*1*
o-Terphenyl	*69*	*S1-*	*70 - 130*	*05/21/25 16:24*	*05/28/25 00:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**337**		9.90		mg/Kg			05/23/25 02:24	1

Client Sample ID: SW - 12

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-60
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:19	05/22/25 21:09	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:19	05/22/25 21:09	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:19	05/22/25 21:09	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		05/22/25 10:19	05/22/25 21:09	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:19	05/22/25 21:09	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		05/22/25 10:19	05/22/25 21:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*05/22/25 10:19*	*05/22/25 21:09*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*05/22/25 10:19*	*05/22/25 21:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			05/22/25 21:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/28/25 00:33	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:24	05/28/25 00:33	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:24	05/28/25 00:33	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:24	05/28/25 00:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*05/21/25 16:24*	*05/28/25 00:33*	*1*
o-Terphenyl	*87*		*70 - 130*	*05/21/25 16:24*	*05/28/25 00:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**271**		10.0		mg/Kg			05/23/25 02:31	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 13

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-61

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:48	05/22/25 23:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:48	05/22/25 23:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:48	05/22/25 23:25	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/22/25 10:48	05/22/25 23:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:48	05/22/25 23:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/22/25 10:48	05/22/25 23:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*05/22/25 10:48*	*05/22/25 23:25*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*05/22/25 10:48*	*05/22/25 23:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/22/25 23:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/28/25 09:33	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:27	05/28/25 09:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:27	05/28/25 09:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:27	05/28/25 09:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*05/21/25 16:27*	*05/28/25 09:33*	*1*
o-Terphenyl	*94*		*70 - 130*	*05/21/25 16:27*	*05/28/25 09:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**103**		9.90		mg/Kg			05/23/25 02:52	1

Client Sample ID: SW - 14

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-62

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:48	05/22/25 23:46	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:48	05/22/25 23:46	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:48	05/22/25 23:46	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/22/25 10:48	05/22/25 23:46	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:48	05/22/25 23:46	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/22/25 10:48	05/22/25 23:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*05/22/25 10:48*	*05/22/25 23:46*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*05/22/25 10:48*	*05/22/25 23:46*	*1*

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 14

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-62
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/22/25 23:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/28/25 10:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/21/25 16:27	05/28/25 10:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/21/25 16:27	05/28/25 10:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/21/25 16:27	05/28/25 10:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*05/21/25 16:27*	*05/28/25 10:18*	*1*
o-Terphenyl	*91*		*70 - 130*	*05/21/25 16:27*	*05/28/25 10:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**354**		9.92		mg/Kg			05/23/25 02:59	1

Client Sample ID: SW - 15

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-63
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:48	05/23/25 00:06	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:48	05/23/25 00:06	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:48	05/23/25 00:06	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/22/25 10:48	05/23/25 00:06	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:48	05/23/25 00:06	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/22/25 10:48	05/23/25 00:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*05/22/25 10:48*	*05/23/25 00:06*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*05/22/25 10:48*	*05/23/25 00:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/23/25 00:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/28/25 10:33	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:27	05/28/25 10:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:27	05/28/25 10:33	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 15

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-63
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:27	05/28/25 10:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*05/21/25 16:27*	*05/28/25 10:33*	*1*
o-Terphenyl	*112*		*70 - 130*	*05/21/25 16:27*	*05/28/25 10:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**180**		10.0		mg/Kg			05/23/25 03:06	1

Client Sample ID: SW - 16

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-64
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:48	05/23/25 00:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:48	05/23/25 00:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:48	05/23/25 00:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/22/25 10:48	05/23/25 00:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:48	05/23/25 00:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/22/25 10:48	05/23/25 00:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*05/22/25 10:48*	*05/23/25 00:27*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*05/22/25 10:48*	*05/23/25 00:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/23/25 00:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/28/25 10:50	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:27	05/28/25 10:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:27	05/28/25 10:50	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:27	05/28/25 10:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*05/21/25 16:27*	*05/28/25 10:50*	*1*
o-Terphenyl	*116*		*70 - 130*	*05/21/25 16:27*	*05/28/25 10:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9900**		99.6		mg/Kg			05/23/25 03:13	10

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 17

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-65
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:48	05/23/25 00:48	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:48	05/23/25 00:48	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:48	05/23/25 00:48	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		05/22/25 10:48	05/23/25 00:48	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:48	05/23/25 00:48	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		05/22/25 10:48	05/23/25 00:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*05/22/25 10:48*	*05/23/25 00:48*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*05/22/25 10:48*	*05/23/25 00:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			05/23/25 00:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/28/25 11:05	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/21/25 16:27	05/28/25 11:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/21/25 16:27	05/28/25 11:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/21/25 16:27	05/28/25 11:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*05/21/25 16:27*	*05/28/25 11:05*	*1*
o-Terphenyl	*98*		*70 - 130*	*05/21/25 16:27*	*05/28/25 11:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1330**		9.98		mg/Kg			05/23/25 03:20	1

Client Sample ID: SW - 18

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-66
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:48	05/23/25 01:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:48	05/23/25 01:08	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:48	05/23/25 01:08	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/22/25 10:48	05/23/25 01:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:48	05/23/25 01:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/22/25 10:48	05/23/25 01:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*05/22/25 10:48*	*05/23/25 01:08*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*05/22/25 10:48*	*05/23/25 01:08*	*1*

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 18

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-66
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/23/25 01:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/28/25 11:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:27	05/28/25 11:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:27	05/28/25 11:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:27	05/28/25 11:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*05/21/25 16:27*	*05/28/25 11:46*	*1*
o-Terphenyl	*91*		*70 - 130*	*05/21/25 16:27*	*05/28/25 11:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**144**	**F1**	10.0		mg/Kg			05/23/25 03:27	1

Client Sample ID: SW - 19

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-67
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:48	05/23/25 01:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:48	05/23/25 01:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:48	05/23/25 01:29	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/22/25 10:48	05/23/25 01:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:48	05/23/25 01:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/22/25 10:48	05/23/25 01:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*05/22/25 10:48*	*05/23/25 01:29*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*05/22/25 10:48*	*05/23/25 01:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/23/25 01:29	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/28/25 12:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:27	05/28/25 12:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:27	05/28/25 12:01	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 19

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-67
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:27	05/28/25 12:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*05/21/25 16:27*	*05/28/25 12:01*	*1*
o-Terphenyl	*72*		*70 - 130*	*05/21/25 16:27*	*05/28/25 12:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**402**		10.0		mg/Kg			05/23/25 03:48	1

Client Sample ID: SW - 20

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-68
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:48	05/23/25 01:49	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:48	05/23/25 01:49	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:48	05/23/25 01:49	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/22/25 10:48	05/23/25 01:49	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:48	05/23/25 01:49	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/22/25 10:48	05/23/25 01:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*05/22/25 10:48*	*05/23/25 01:49*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*05/22/25 10:48*	*05/23/25 01:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/23/25 01:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/28/25 12:16	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		05/21/25 16:27	05/28/25 12:16	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/21/25 16:27	05/28/25 12:16	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/21/25 16:27	05/28/25 12:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*05/21/25 16:27*	*05/28/25 12:16*	*1*
o-Terphenyl	*113*		*70 - 130*	*05/21/25 16:27*	*05/28/25 12:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**158**		10.1		mg/Kg			05/23/25 03:55	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 21

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-69
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:48	05/23/25 02:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:48	05/23/25 02:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:48	05/23/25 02:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/22/25 10:48	05/23/25 02:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:48	05/23/25 02:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/22/25 10:48	05/23/25 02:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*05/22/25 10:48*	*05/23/25 02:10*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*05/22/25 10:48*	*05/23/25 02:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/23/25 02:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/28/25 12:30	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:27	05/28/25 12:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:27	05/28/25 12:30	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:27	05/28/25 12:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*05/21/25 16:27*	*05/28/25 12:30*	*1*
o-Terphenyl	*100*		*70 - 130*	*05/21/25 16:27*	*05/28/25 12:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**450**		9.96		mg/Kg			05/23/25 04:17	1

Client Sample ID: SW - 22

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-70
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:48	05/23/25 02:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:48	05/23/25 02:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:48	05/23/25 02:30	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/22/25 10:48	05/23/25 02:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:48	05/23/25 02:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/22/25 10:48	05/23/25 02:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*05/22/25 10:48*	*05/23/25 02:30*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*05/22/25 10:48*	*05/23/25 02:30*	*1*

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 22

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-70
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/23/25 02:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/28/25 12:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:27	05/28/25 12:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:27	05/28/25 12:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:27	05/28/25 12:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*05/21/25 16:27*	*05/28/25 12:45*	*1*
o-Terphenyl	*103*		*70 - 130*	*05/21/25 16:27*	*05/28/25 12:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**114**		9.98		mg/Kg			05/23/25 04:24	1

Client Sample ID: SW - 23

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-71
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:48	05/23/25 03:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:48	05/23/25 03:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:48	05/23/25 03:54	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/22/25 10:48	05/23/25 03:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:48	05/23/25 03:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/22/25 10:48	05/23/25 03:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*05/22/25 10:48*	*05/23/25 03:54*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*05/22/25 10:48*	*05/23/25 03:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/23/25 03:54	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/28/25 13:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/21/25 16:27	05/28/25 13:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/21/25 16:27	05/28/25 13:00	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 23

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-71
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/21/25 16:27	05/28/25 13:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*05/21/25 16:27*	*05/28/25 13:00*	*1*
o-Terphenyl	*105*		*70 - 130*	*05/21/25 16:27*	*05/28/25 13:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1310**		9.94		mg/Kg			05/23/25 04:31	1

Client Sample ID: SW - 24

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-72
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:48	05/23/25 04:15	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:48	05/23/25 04:15	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:48	05/23/25 04:15	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/22/25 10:48	05/23/25 04:15	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:48	05/23/25 04:15	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/22/25 10:48	05/23/25 04:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*05/22/25 10:48*	*05/23/25 04:15*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*05/22/25 10:48*	*05/23/25 04:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			05/23/25 04:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/28/25 13:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/21/25 16:27	05/28/25 13:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/21/25 16:27	05/28/25 13:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/21/25 16:27	05/28/25 13:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*05/21/25 16:27*	*05/28/25 13:15*	*1*
o-Terphenyl	*108*		*70 - 130*	*05/21/25 16:27*	*05/28/25 13:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9830**		100		mg/Kg			05/23/25 04:38	10

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 25

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-73

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:48	05/23/25 04:35	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:48	05/23/25 04:35	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:48	05/23/25 04:35	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/22/25 10:48	05/23/25 04:35	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:48	05/23/25 04:35	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/22/25 10:48	05/23/25 04:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*05/22/25 10:48*	*05/23/25 04:35*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*05/22/25 10:48*	*05/23/25 04:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/23/25 04:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/28/25 13:30	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:27	05/28/25 13:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:27	05/28/25 13:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:27	05/28/25 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*05/21/25 16:27*	*05/28/25 13:30*	*1*
o-Terphenyl	*74*		*70 - 130*	*05/21/25 16:27*	*05/28/25 13:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**922**		10.1		mg/Kg			05/23/25 04:45	1

Client Sample ID: SW - 26

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-74

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:48	05/23/25 04:56	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:48	05/23/25 04:56	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:48	05/23/25 04:56	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/22/25 10:48	05/23/25 04:56	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:48	05/23/25 04:56	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/22/25 10:48	05/23/25 04:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*05/22/25 10:48*	*05/23/25 04:56*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*05/22/25 10:48*	*05/23/25 04:56*	*1*

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 26

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-74
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/23/25 04:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/28/25 13:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		05/21/25 16:27	05/28/25 13:45	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/21/25 16:27	05/28/25 13:45	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/21/25 16:27	05/28/25 13:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*05/21/25 16:27*	*05/28/25 13:45*	*1*
o-Terphenyl	*105*		*70 - 130*	*05/21/25 16:27*	*05/28/25 13:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**20500**		201		mg/Kg			05/23/25 04:52	20

Client Sample ID: SW - 27

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-75
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:48	05/23/25 05:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:48	05/23/25 05:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:48	05/23/25 05:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/22/25 10:48	05/23/25 05:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:48	05/23/25 05:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/22/25 10:48	05/23/25 05:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*05/22/25 10:48*	*05/23/25 05:16*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*05/22/25 10:48*	*05/23/25 05:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/23/25 05:16	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/28/25 14:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:27	05/28/25 14:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:27	05/28/25 14:00	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 27

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-75
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:27	05/28/25 14:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*05/21/25 16:27*	*05/28/25 14:00*	*1*
o-Terphenyl	*85*		*70 - 130*	*05/21/25 16:27*	*05/28/25 14:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2170**		50.1		mg/Kg			05/23/25 04:59	5

Client Sample ID: SW - 28

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-76
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:48	05/23/25 05:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:48	05/23/25 05:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:48	05/23/25 05:37	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/22/25 10:48	05/23/25 05:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:48	05/23/25 05:37	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/22/25 10:48	05/23/25 05:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*05/22/25 10:48*	*05/23/25 05:37*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*05/22/25 10:48*	*05/23/25 05:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/23/25 05:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/28/25 14:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		05/21/25 16:27	05/28/25 14:15	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/21/25 16:27	05/28/25 14:15	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/21/25 16:27	05/28/25 14:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*05/21/25 16:27*	*05/28/25 14:15*	*1*
o-Terphenyl	*52*	*S1-*	*70 - 130*	*05/21/25 16:27*	*05/28/25 14:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**321**	**F1**	10.1		mg/Kg			05/23/25 09:11	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 29

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-77
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:48	05/23/25 05:57	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:48	05/23/25 05:57	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:48	05/23/25 05:57	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/22/25 10:48	05/23/25 05:57	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:48	05/23/25 05:57	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/22/25 10:48	05/23/25 05:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*05/22/25 10:48*	*05/23/25 05:57*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*05/22/25 10:48*	*05/23/25 05:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/23/25 05:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/28/25 14:30	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:27	05/28/25 14:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:27	05/28/25 14:30	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:27	05/28/25 14:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*05/21/25 16:27*	*05/28/25 14:30*	*1*
o-Terphenyl	*73*		*70 - 130*	*05/21/25 16:27*	*05/28/25 14:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2420**		50.5		mg/Kg			05/23/25 09:31	5

Client Sample ID: SW - 30

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-78
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:48	05/23/25 06:18	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:48	05/23/25 06:18	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:48	05/23/25 06:18	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/22/25 10:48	05/23/25 06:18	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:48	05/23/25 06:18	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/22/25 10:48	05/23/25 06:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*05/22/25 10:48*	*05/23/25 06:18*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*05/22/25 10:48*	*05/23/25 06:18*	*1*

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 30

Lab Sample ID: 890-8213-78
Matrix: Solid
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/23/25 06:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/28/25 14:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/21/25 16:27	05/28/25 14:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/21/25 16:27	05/28/25 14:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/21/25 16:27	05/28/25 14:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*05/21/25 16:27*	*05/28/25 14:45*	*1*
o-Terphenyl	*80*		*70 - 130*	*05/21/25 16:27*	*05/28/25 14:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**141**		9.96		mg/Kg			05/23/25 09:38	1

Client Sample ID: SW - 31

Lab Sample ID: 890-8213-79
Matrix: Solid
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:48	05/23/25 06:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:48	05/23/25 06:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:48	05/23/25 06:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/22/25 10:48	05/23/25 06:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:48	05/23/25 06:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/22/25 10:48	05/23/25 06:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*05/22/25 10:48*	*05/23/25 06:38*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*05/22/25 10:48*	*05/23/25 06:38*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/23/25 06:38	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/28/25 15:02	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:27	05/28/25 15:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:27	05/28/25 15:02	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 31

Lab Sample ID: 890-8213-79
Matrix: Solid
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:27	05/28/25 15:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*05/21/25 16:27*	*05/28/25 15:02*	*1*
o-Terphenyl	*57*	*S1-*	*70 - 130*	*05/21/25 16:27*	*05/28/25 15:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**97.4**		9.98		mg/Kg			05/23/25 09:45	1

Client Sample ID: SW - 32

Lab Sample ID: 890-8213-80
Matrix: Solid
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:48	05/23/25 06:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:48	05/23/25 06:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:48	05/23/25 06:59	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/22/25 10:48	05/23/25 06:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:48	05/23/25 06:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/22/25 10:48	05/23/25 06:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*05/22/25 10:48*	*05/23/25 06:59*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*05/22/25 10:48*	*05/23/25 06:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/23/25 06:59	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/28/25 15:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:27	05/28/25 15:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:27	05/28/25 15:18	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:27	05/28/25 15:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*05/21/25 16:27*	*05/28/25 15:18*	*1*
o-Terphenyl	*53*	*S1-*	*70 - 130*	*05/21/25 16:27*	*05/28/25 15:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**225**		10.0		mg/Kg			05/23/25 09:52	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 33

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-81

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:40	05/23/25 12:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:40	05/23/25 12:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:40	05/23/25 12:43	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/22/25 10:40	05/23/25 12:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:40	05/23/25 12:43	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/22/25 10:40	05/23/25 12:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*05/22/25 10:40*	*05/23/25 12:43*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*05/22/25 10:40*	*05/23/25 12:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/23/25 12:43	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/27/25 12:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		05/21/25 16:29	05/27/25 12:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		05/21/25 16:29	05/27/25 12:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:29	05/27/25 12:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*74*		*70 - 130*	*05/21/25 16:29*	*05/27/25 12:41*	*1*
o-Terphenyl	*61*	*S1-*	*70 - 130*	*05/21/25 16:29*	*05/27/25 12:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**138**		9.92		mg/Kg			05/23/25 10:12	1

Client Sample ID: SW - 34

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-82

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:40	05/23/25 13:03	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:40	05/23/25 13:03	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:40	05/23/25 13:03	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/22/25 10:40	05/23/25 13:03	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:40	05/23/25 13:03	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/22/25 10:40	05/23/25 13:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*05/22/25 10:40*	*05/23/25 13:03*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*05/22/25 10:40*	*05/23/25 13:03*	*1*

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 34

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-82
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/23/25 13:03	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/27/25 13:29	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/21/25 16:29	05/27/25 13:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/21/25 16:29	05/27/25 13:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/21/25 16:29	05/27/25 13:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*71*		*70 - 130*	*05/21/25 16:29*	*05/27/25 13:29*	*1*
o-Terphenyl	*45*	*S1-*	*70 - 130*	*05/21/25 16:29*	*05/27/25 13:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**99.7**		9.90		mg/Kg			05/23/25 10:19	1

Client Sample ID: SW - 35

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-83
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:40	05/23/25 13:24	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:40	05/23/25 13:24	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:40	05/23/25 13:24	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/22/25 10:40	05/23/25 13:24	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:40	05/23/25 13:24	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/22/25 10:40	05/23/25 13:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*05/22/25 10:40*	*05/23/25 13:24*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*05/22/25 10:40*	*05/23/25 13:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/23/25 13:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/27/25 13:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:29	05/27/25 13:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:29	05/27/25 13:45	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 35

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-83
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:29	05/27/25 13:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*72*		*70 - 130*	*05/21/25 16:29*	*05/27/25 13:45*	*1*
o-Terphenyl	*70*		*70 - 130*	*05/21/25 16:29*	*05/27/25 13:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**338**		9.96		mg/Kg			05/23/25 10:26	1

Client Sample ID: SW - 36

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-84
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:40	05/23/25 13:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:40	05/23/25 13:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:40	05/23/25 13:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/22/25 10:40	05/23/25 13:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:40	05/23/25 13:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/22/25 10:40	05/23/25 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*05/22/25 10:40*	*05/23/25 13:44*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*05/22/25 10:40*	*05/23/25 13:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/23/25 13:44	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/27/25 14:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:29	05/27/25 14:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:29	05/27/25 14:01	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:29	05/27/25 14:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*75*		*70 - 130*	*05/21/25 16:29*	*05/27/25 14:01*	*1*
o-Terphenyl	*63*	*S1-*	*70 - 130*	*05/21/25 16:29*	*05/27/25 14:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**92.6**		9.94		mg/Kg			05/23/25 10:33	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 37

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-85
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:40	05/23/25 14:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:40	05/23/25 14:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:40	05/23/25 14:05	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/22/25 10:40	05/23/25 14:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:40	05/23/25 14:05	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/22/25 10:40	05/23/25 14:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*05/22/25 10:40*	*05/23/25 14:05*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*05/22/25 10:40*	*05/23/25 14:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/23/25 14:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/27/25 14:17	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		05/21/25 16:29	05/27/25 14:17	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/21/25 16:29	05/27/25 14:17	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/21/25 16:29	05/27/25 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*76*		*70 - 130*	*05/21/25 16:29*	*05/27/25 14:17*	*1*
o-Terphenyl	*78*		*70 - 130*	*05/21/25 16:29*	*05/27/25 14:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1390**		49.6		mg/Kg			05/27/25 09:59	5

Client Sample ID: SW - 38

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-86
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:40	05/23/25 14:25	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:40	05/23/25 14:25	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:40	05/23/25 14:25	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/22/25 10:40	05/23/25 14:25	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:40	05/23/25 14:25	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/22/25 10:40	05/23/25 14:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*05/22/25 10:40*	*05/23/25 14:25*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*05/22/25 10:40*	*05/23/25 14:25*	*1*

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 38

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-86
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/23/25 14:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/27/25 14:33	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:29	05/27/25 14:33	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:29	05/27/25 14:33	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:29	05/27/25 14:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*05/21/25 16:29*	*05/27/25 14:33*	*1*
o-Terphenyl	*72*		*70 - 130*	*05/21/25 16:29*	*05/27/25 14:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2510**	**F1**	50.1		mg/Kg			05/23/25 10:46	5

Client Sample ID: SW - 39

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-87
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:40	05/23/25 14:46	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:40	05/23/25 14:46	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:40	05/23/25 14:46	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/22/25 10:40	05/23/25 14:46	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:40	05/23/25 14:46	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/22/25 10:40	05/23/25 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*05/22/25 10:40*	*05/23/25 14:46*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*05/22/25 10:40*	*05/23/25 14:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			05/23/25 14:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/27/25 14:50	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:29	05/27/25 14:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:29	05/27/25 14:50	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 39

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-87
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:29	05/27/25 14:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*05/21/25 16:29*	*05/27/25 14:50*	*1*
o-Terphenyl	*78*		*70 - 130*	*05/21/25 16:29*	*05/27/25 14:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1170**		10.1		mg/Kg			05/23/25 11:07	1

Client Sample ID: SW - 40

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-88
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:40	05/23/25 15:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:40	05/23/25 15:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:40	05/23/25 15:07	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/22/25 10:40	05/23/25 15:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:40	05/23/25 15:07	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/22/25 10:40	05/23/25 15:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*05/22/25 10:40*	*05/23/25 15:07*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*05/22/25 10:40*	*05/23/25 15:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/23/25 15:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/27/25 15:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/21/25 16:29	05/27/25 15:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/21/25 16:29	05/27/25 15:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/21/25 16:29	05/27/25 15:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 130*	*05/21/25 16:29*	*05/27/25 15:06*	*1*
o-Terphenyl	*72*		*70 - 130*	*05/21/25 16:29*	*05/27/25 15:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**681**		9.94		mg/Kg			05/23/25 11:14	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 41

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-89

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:40	05/23/25 15:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:40	05/23/25 15:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:40	05/23/25 15:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/22/25 10:40	05/23/25 15:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:40	05/23/25 15:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/22/25 10:40	05/23/25 15:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*05/22/25 10:40*	*05/23/25 15:27*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*05/22/25 10:40*	*05/23/25 15:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/23/25 15:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/27/25 15:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		05/21/25 16:29	05/27/25 15:22	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/21/25 16:29	05/27/25 15:22	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/21/25 16:29	05/27/25 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*05/21/25 16:29*	*05/27/25 15:22*	*1*
o-Terphenyl	*79*		*70 - 130*	*05/21/25 16:29*	*05/27/25 15:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1840**		49.6		mg/Kg			05/23/25 11:34	5

Client Sample ID: SW - 42

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-90

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:40	05/23/25 15:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:40	05/23/25 15:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:40	05/23/25 15:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/22/25 10:40	05/23/25 15:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:40	05/23/25 15:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/22/25 10:40	05/23/25 15:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*05/22/25 10:40*	*05/23/25 15:48*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*05/22/25 10:40*	*05/23/25 15:48*	*1*

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 42

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-90

Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/23/25 15:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/27/25 15:37	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:29	05/27/25 15:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:29	05/27/25 15:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:29	05/27/25 15:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*05/21/25 16:29*	*05/27/25 15:37*	*1*
o-Terphenyl	*72*		*70 - 130*	*05/21/25 16:29*	*05/27/25 15:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**420**		9.96		mg/Kg			05/23/25 11:41	1

Client Sample ID: SW - 43

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-91

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:40	05/23/25 17:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:40	05/23/25 17:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:40	05/23/25 17:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/22/25 10:40	05/23/25 17:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:40	05/23/25 17:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/22/25 10:40	05/23/25 17:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*05/22/25 10:40*	*05/23/25 17:22*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*05/22/25 10:40*	*05/23/25 17:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/23/25 17:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/27/25 16:57	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:29	05/27/25 16:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:29	05/27/25 16:57	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 43

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-91
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:29	05/27/25 16:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*05/21/25 16:29*	*05/27/25 16:57*	*1*
o-Terphenyl	*73*		*70 - 130*	*05/21/25 16:29*	*05/27/25 16:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**440**		9.98		mg/Kg			05/23/25 11:47	1

Client Sample ID: SW - 44

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-92
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:40	05/23/25 17:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:40	05/23/25 17:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:40	05/23/25 17:43	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/22/25 10:40	05/23/25 17:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:40	05/23/25 17:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/22/25 10:40	05/23/25 17:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*05/22/25 10:40*	*05/23/25 17:43*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*05/22/25 10:40*	*05/23/25 17:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/23/25 17:43	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/27/25 17:13	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/21/25 16:29	05/27/25 17:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/21/25 16:29	05/27/25 17:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/21/25 16:29	05/27/25 17:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*76*		*70 - 130*	*05/21/25 16:29*	*05/27/25 17:13*	*1*
o-Terphenyl	*68*	*S1-*	*70 - 130*	*05/21/25 16:29*	*05/27/25 17:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**341**		9.92		mg/Kg			05/23/25 11:54	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 45

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-93
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:40	05/23/25 18:03	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:40	05/23/25 18:03	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:40	05/23/25 18:03	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/22/25 10:40	05/23/25 18:03	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:40	05/23/25 18:03	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/22/25 10:40	05/23/25 18:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*05/22/25 10:40*	*05/23/25 18:03*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*05/22/25 10:40*	*05/23/25 18:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/23/25 18:03	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/27/25 17:29	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:29	05/27/25 17:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:29	05/27/25 17:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:29	05/27/25 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*74*		*70 - 130*	*05/21/25 16:29*	*05/27/25 17:29*	*1*
o-Terphenyl	*60*	*S1-*	*70 - 130*	*05/21/25 16:29*	*05/27/25 17:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**253**		10.1		mg/Kg			05/23/25 12:01	1

Client Sample ID: SW - 46

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-94
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:40	05/23/25 18:24	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:40	05/23/25 18:24	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:40	05/23/25 18:24	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/22/25 10:40	05/23/25 18:24	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:40	05/23/25 18:24	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/22/25 10:40	05/23/25 18:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*05/22/25 10:40*	*05/23/25 18:24*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*05/22/25 10:40*	*05/23/25 18:24*	*1*

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 46

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-94
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/23/25 18:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/27/25 17:44	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/21/25 16:29	05/27/25 17:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/21/25 16:29	05/27/25 17:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/21/25 16:29	05/27/25 17:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*05/21/25 16:29*	*05/27/25 17:44*	*1*
o-Terphenyl	*66*	*S1-*	*70 - 130*	*05/21/25 16:29*	*05/27/25 17:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**166**		9.94		mg/Kg			05/23/25 12:08	1

Client Sample ID: SW - 47

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-95
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:40	05/23/25 18:45	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:40	05/23/25 18:45	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:40	05/23/25 18:45	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/22/25 10:40	05/23/25 18:45	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:40	05/23/25 18:45	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/22/25 10:40	05/23/25 18:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*05/22/25 10:40*	*05/23/25 18:45*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*05/22/25 10:40*	*05/23/25 18:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			05/23/25 18:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/27/25 18:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:29	05/27/25 18:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:29	05/27/25 18:00	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 47

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-95

Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:29	05/27/25 18:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*76*		*70 - 130*	*05/21/25 16:29*	*05/27/25 18:00*	*1*
o-Terphenyl	*70*		*70 - 130*	*05/21/25 16:29*	*05/27/25 18:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**148**		9.96		mg/Kg			05/23/25 12:15	1

Client Sample ID: SW - 48

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-96

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:40	05/23/25 19:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:40	05/23/25 19:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:40	05/23/25 19:05	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/22/25 10:40	05/23/25 19:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:40	05/23/25 19:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/22/25 10:40	05/23/25 19:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*05/22/25 10:40*	*05/23/25 19:05*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*05/22/25 10:40*	*05/23/25 19:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/23/25 19:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/27/25 18:17	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:29	05/27/25 18:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:29	05/27/25 18:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:29	05/27/25 18:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*76*		*70 - 130*	*05/21/25 16:29*	*05/27/25 18:17*	*1*
o-Terphenyl	*60*	*S1-*	*70 - 130*	*05/21/25 16:29*	*05/27/25 18:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**196**		9.98		mg/Kg			05/23/25 16:16	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 49

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-97

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:40	05/23/25 19:26	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:40	05/23/25 19:26	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:40	05/23/25 19:26	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/22/25 10:40	05/23/25 19:26	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:40	05/23/25 19:26	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/22/25 10:40	05/23/25 19:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*05/22/25 10:40*	*05/23/25 19:26*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*05/22/25 10:40*	*05/23/25 19:26*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/23/25 19:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/27/25 18:33	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/21/25 16:29	05/27/25 18:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/21/25 16:29	05/27/25 18:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/21/25 16:29	05/27/25 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*75*		*70 - 130*	*05/21/25 16:29*	*05/27/25 18:33*	*1*
o-Terphenyl	*64*	*S1-*	*70 - 130*	*05/21/25 16:29*	*05/27/25 18:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**666**		9.98		mg/Kg			05/23/25 16:37	1

Client Sample ID: SW - 50

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-98

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:40	05/23/25 19:46	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:40	05/23/25 19:46	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:40	05/23/25 19:46	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/22/25 10:40	05/23/25 19:46	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:40	05/23/25 19:46	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/22/25 10:40	05/23/25 19:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*05/22/25 10:40*	*05/23/25 19:46*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*05/22/25 10:40*	*05/23/25 19:46*	*1*

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 50

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-98
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			05/23/25 19:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/27/25 18:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:29	05/27/25 18:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:29	05/27/25 18:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:29	05/27/25 18:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 130*	*05/21/25 16:29*	*05/27/25 18:49*	*1*
o-Terphenyl	*65*	*S1-*	*70 - 130*	*05/21/25 16:29*	*05/27/25 18:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2060**		50.0		mg/Kg			05/23/25 16:44	5

Client Sample ID: SW - 51

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-99
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:40	05/23/25 20:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:40	05/23/25 20:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:40	05/23/25 20:07	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/22/25 10:40	05/23/25 20:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:40	05/23/25 20:07	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/22/25 10:40	05/23/25 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*05/22/25 10:40*	*05/23/25 20:07*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*05/22/25 10:40*	*05/23/25 20:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/23/25 20:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/27/25 19:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		05/21/25 16:29	05/27/25 19:06	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/21/25 16:29	05/27/25 19:06	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 51

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-99
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/21/25 16:29	05/27/25 19:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*05/21/25 16:29*	*05/27/25 19:06*	*1*
o-Terphenyl	*49*	*S1-*	*70 - 130*	*05/21/25 16:29*	*05/27/25 19:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**95.8**		9.92		mg/Kg			05/23/25 16:51	1

Client Sample ID: SW - 52

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-100
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:40	05/23/25 20:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:40	05/23/25 20:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:40	05/23/25 20:27	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/22/25 10:40	05/23/25 20:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:40	05/23/25 20:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/22/25 10:40	05/23/25 20:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*05/22/25 10:40*	*05/23/25 20:27*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*05/22/25 10:40*	*05/23/25 20:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/23/25 20:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/27/25 19:21	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:29	05/27/25 19:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:29	05/27/25 19:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:29	05/27/25 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*05/21/25 16:29*	*05/27/25 19:21*	*1*
o-Terphenyl	*79*		*70 - 130*	*05/21/25 16:29*	*05/27/25 19:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**366**		10.0		mg/Kg			05/23/25 16:58	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 53

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-101

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:44	05/23/25 12:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:44	05/23/25 12:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:44	05/23/25 12:39	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/22/25 10:44	05/23/25 12:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:44	05/23/25 12:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/22/25 10:44	05/23/25 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*05/22/25 10:44*	*05/23/25 12:39*	*1*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*	*05/22/25 10:44*	*05/23/25 12:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/23/25 12:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/27/25 12:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:32	05/27/25 12:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:32	05/27/25 12:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:32	05/27/25 12:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*05/21/25 16:32*	*05/27/25 12:41*	*1*
o-Terphenyl	*62*	*S1-*	*70 - 130*	*05/21/25 16:32*	*05/27/25 12:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1800**		49.7		mg/Kg			05/23/25 17:20	5

Client Sample ID: SW - 54

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-102

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:44	05/23/25 12:59	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:44	05/23/25 12:59	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:44	05/23/25 12:59	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/22/25 10:44	05/23/25 12:59	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:44	05/23/25 12:59	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/22/25 10:44	05/23/25 12:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*05/22/25 10:44*	*05/23/25 12:59*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*05/22/25 10:44*	*05/23/25 12:59*	*1*

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 54

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-102
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/23/25 12:59	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/27/25 13:29	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:32	05/27/25 13:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:32	05/27/25 13:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:32	05/27/25 13:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*05/21/25 16:32*	*05/27/25 13:29*	*1*
o-Terphenyl	*72*		*70 - 130*	*05/21/25 16:32*	*05/27/25 13:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3640**		49.6		mg/Kg			05/23/25 17:27	5

Client Sample ID: SW - 55

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-103
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:44	05/23/25 13:20	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:44	05/23/25 13:20	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:44	05/23/25 13:20	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/22/25 10:44	05/23/25 13:20	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:44	05/23/25 13:20	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/22/25 10:44	05/23/25 13:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*05/22/25 10:44*	*05/23/25 13:20*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*05/22/25 10:44*	*05/23/25 13:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/23/25 13:20	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/27/25 13:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:32	05/27/25 13:45	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:32	05/27/25 13:45	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 55

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-103
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:32	05/27/25 13:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*05/21/25 16:32*	*05/27/25 13:45*	*1*
o-Terphenyl	*83*		*70 - 130*	*05/21/25 16:32*	*05/27/25 13:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3810**		49.8		mg/Kg			05/23/25 17:34	5

Client Sample ID: SW - 56

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-104
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:44	05/23/25 13:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:44	05/23/25 13:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:44	05/23/25 13:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/22/25 10:44	05/23/25 13:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:44	05/23/25 13:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/22/25 10:44	05/23/25 13:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*05/22/25 10:44*	*05/23/25 13:40*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*05/22/25 10:44*	*05/23/25 13:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/23/25 13:40	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/27/25 14:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		05/21/25 16:32	05/27/25 14:01	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/21/25 16:32	05/27/25 14:01	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/21/25 16:32	05/27/25 14:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*05/21/25 16:32*	*05/27/25 14:01*	*1*
o-Terphenyl	*87*		*70 - 130*	*05/21/25 16:32*	*05/27/25 14:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**37500**		499		mg/Kg			05/23/25 17:41	50

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 57

Lab Sample ID: 890-8213-105
Matrix: Solid
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:44	05/23/25 14:01	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:44	05/23/25 14:01	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:44	05/23/25 14:01	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/22/25 10:44	05/23/25 14:01	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:44	05/23/25 14:01	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/22/25 10:44	05/23/25 14:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*05/22/25 10:44*	*05/23/25 14:01*	*1*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*05/22/25 10:44*	*05/23/25 14:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			05/23/25 14:01	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/27/25 14:17	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:32	05/27/25 14:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:32	05/27/25 14:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:32	05/27/25 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*05/21/25 16:32*	*05/27/25 14:17*	*1*
o-Terphenyl	*76*		*70 - 130*	*05/21/25 16:32*	*05/27/25 14:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18900**		201		mg/Kg			05/23/25 17:48	20

Client Sample ID: SW - 58

Lab Sample ID: 890-8213-106
Matrix: Solid
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:44	05/23/25 14:21	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:44	05/23/25 14:21	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:44	05/23/25 14:21	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/22/25 10:44	05/23/25 14:21	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/22/25 10:44	05/23/25 14:21	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/22/25 10:44	05/23/25 14:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*05/22/25 10:44*	*05/23/25 14:21*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*05/22/25 10:44*	*05/23/25 14:21*	*1*

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 58

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-106

Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/23/25 14:21	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/27/25 14:33	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/21/25 16:32	05/27/25 14:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/21/25 16:32	05/27/25 14:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/21/25 16:32	05/27/25 14:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*05/21/25 16:32*	*05/27/25 14:33*	*1*
o-Terphenyl	*81*		*70 - 130*	*05/21/25 16:32*	*05/27/25 14:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4390**		49.7		mg/Kg			05/23/25 17:55	5

Client Sample ID: SW - 59

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-107

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:44	05/23/25 14:42	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:44	05/23/25 14:42	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:44	05/23/25 14:42	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/22/25 10:44	05/23/25 14:42	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/22/25 10:44	05/23/25 14:42	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/22/25 10:44	05/23/25 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*05/22/25 10:44*	*05/23/25 14:42*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*05/22/25 10:44*	*05/23/25 14:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			05/23/25 14:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/27/25 14:50	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:32	05/27/25 14:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:32	05/27/25 14:50	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 59

Lab Sample ID: 890-8213-107
Matrix: Solid
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:32	05/27/25 14:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*05/21/25 16:32*	*05/27/25 14:50*	*1*
o-Terphenyl	*78*		*70 - 130*	*05/21/25 16:32*	*05/27/25 14:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1130**		9.92		mg/Kg			05/23/25 18:16	1

Client Sample ID: SW - 60

Lab Sample ID: 890-8213-108
Matrix: Solid
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:44	05/23/25 15:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:44	05/23/25 15:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:44	05/23/25 15:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/22/25 10:44	05/23/25 15:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:44	05/23/25 15:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/22/25 10:44	05/23/25 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*05/22/25 10:44*	*05/23/25 15:03*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*05/22/25 10:44*	*05/23/25 15:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/23/25 15:03	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/27/25 15:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:32	05/27/25 15:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:32	05/27/25 15:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:32	05/27/25 15:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*05/21/25 16:32*	*05/27/25 15:06*	*1*
o-Terphenyl	*53*	*S1-*	*70 - 130*	*05/21/25 16:32*	*05/27/25 15:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**497**		9.96		mg/Kg			05/23/25 18:23	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 61

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-109
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:44	05/23/25 15:23	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:44	05/23/25 15:23	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:44	05/23/25 15:23	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/22/25 10:44	05/23/25 15:23	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:44	05/23/25 15:23	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/22/25 10:44	05/23/25 15:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*05/22/25 10:44*	*05/23/25 15:23*	*1*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*	*05/22/25 10:44*	*05/23/25 15:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/23/25 15:23	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/27/25 15:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		05/21/25 16:32	05/27/25 15:22	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/21/25 16:32	05/27/25 15:22	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/21/25 16:32	05/27/25 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*05/21/25 16:32*	*05/27/25 15:22*	*1*
o-Terphenyl	*52*	*S1-*	*70 - 130*	*05/21/25 16:32*	*05/27/25 15:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1320**		10.0		mg/Kg			05/23/25 18:44	1

Client Sample ID: SW - 62

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-110
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:44	05/23/25 15:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:44	05/23/25 15:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:44	05/23/25 15:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/22/25 10:44	05/23/25 15:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:44	05/23/25 15:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/22/25 10:44	05/23/25 15:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*05/22/25 10:44*	*05/23/25 15:44*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*05/22/25 10:44*	*05/23/25 15:44*	*1*

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 62

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-110
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/23/25 15:44	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/27/25 15:37	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:32	05/27/25 15:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:32	05/27/25 15:37	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:32	05/27/25 15:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*05/21/25 16:32*	*05/27/25 15:37*	*1*
o-Terphenyl	*60*	*S1-*	*70 - 130*	*05/21/25 16:32*	*05/27/25 15:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1500**		10.1		mg/Kg			05/23/25 18:51	1

Client Sample ID: SW - 63

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-111
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:44	05/23/25 17:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:44	05/23/25 17:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:44	05/23/25 17:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/22/25 10:44	05/23/25 17:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:44	05/23/25 17:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/22/25 10:44	05/23/25 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*05/22/25 10:44*	*05/23/25 17:08*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*05/22/25 10:44*	*05/23/25 17:08*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/23/25 17:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/27/25 16:57	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/21/25 16:32	05/27/25 16:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/21/25 16:32	05/27/25 16:57	1

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Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 63

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-111
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/21/25 16:32	05/27/25 16:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*05/21/25 16:32*	*05/27/25 16:57*	*1*
o-Terphenyl	*80*		*70 - 130*	*05/21/25 16:32*	*05/27/25 16:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**977**		9.94		mg/Kg			05/23/25 18:58	1

Client Sample ID: SW - 64

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-112
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:44	05/23/25 17:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:44	05/23/25 17:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:44	05/23/25 17:29	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/22/25 10:44	05/23/25 17:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:44	05/23/25 17:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/22/25 10:44	05/23/25 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*05/22/25 10:44*	*05/23/25 17:29*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*05/22/25 10:44*	*05/23/25 17:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/23/25 17:29	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/27/25 17:13	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/21/25 16:32	05/27/25 17:13	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/21/25 16:32	05/27/25 17:13	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/21/25 16:32	05/27/25 17:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*05/21/25 16:32*	*05/27/25 17:13*	*1*
o-Terphenyl	*48*	*S1-*	*70 - 130*	*05/21/25 16:32*	*05/27/25 17:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**445**		9.90		mg/Kg			05/23/25 19:05	1

Client Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 65

Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-113

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:44	05/23/25 17:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:44	05/23/25 17:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:44	05/23/25 17:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/22/25 10:44	05/23/25 17:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/22/25 10:44	05/23/25 17:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/22/25 10:44	05/23/25 17:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*05/22/25 10:44*	*05/23/25 17:49*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*05/22/25 10:44*	*05/23/25 17:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/23/25 17:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/27/25 17:29	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/21/25 16:32	05/27/25 17:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/21/25 16:32	05/27/25 17:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/21/25 16:32	05/27/25 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*05/21/25 16:32*	*05/27/25 17:29*	*1*
o-Terphenyl	*57*	*S1-*	*70 - 130*	*05/21/25 16:32*	*05/27/25 17:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**866**		10.0		mg/Kg			05/23/25 19:12	1

Surrogate Summary

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)										
890-8213-1	CS - 1	88	101										
890-8213-1 MS	CS - 1	118	99										
890-8213-1 MSD	CS - 1	94	102										
890-8213-2	CS - 2	94	102										
890-8213-3	CS - 3	99	75										
890-8213-4	CS - 4	92	83										
890-8213-5	CS - 5	93	87										
890-8213-6	CS - 6	101	87										
890-8213-7	CS - 7	92	98										
890-8213-8	CS - 8	99	93										
890-8213-9	CS - 9	110	90										
890-8213-10	CS - 10	94	102										
890-8213-11	CS - 11	93	100										
890-8213-12	CS - 12	97	104										
890-8213-13	CS - 13	95	102										
890-8213-14	CS - 14	92	99										
890-8213-15	CS - 15	99	105										
890-8213-16	CS - 16	92	95										
890-8213-17	CS - 17	91	93										
890-8213-18	CS - 18	93	99										
890-8213-19	CS - 19	95	96										
890-8213-20	CS - 20	92	100										
890-8213-21	CS - 21	115	81										
890-8213-21 MS	CS - 21	112	93										
890-8213-21 MSD	CS - 21	111	91										
890-8213-22	CS - 22	109	80										
890-8213-23	CS - 23	107	80										
890-8213-24	CS - 24	112	79										
890-8213-25	CS - 25	113	82										
890-8213-26	CS - 26	114	84										
890-8213-27	CS - 27	110	85										
890-8213-28	CS - 28	106	81										
890-8213-29	CS - 29	110	81										
890-8213-30	CS - 30	106	81										
890-8213-31	CS - 31	116	80										
890-8213-32	CS - 32	110	81										
890-8213-33	CS - 33	116	85										
890-8213-34	CS - 34	120	81										
890-8213-35	CS - 35	101	81										
890-8213-36	CS - 36	110	83										
890-8213-37	CS - 37	110	79										
890-8213-38	CS - 38	111	81										
890-8213-39	CS - 39	111	82										
890-8213-40	CS - 40	109	79										
890-8213-41	CS - 41	102	94										
890-8213-41 MS	CS - 41	100	102										
890-8213-41 MSD	CS - 41	94	106										
890-8213-42	CS - 42	91	103										
890-8213-43	CS - 43	90	101										

Surrogate Summary

Client: NT Global
Job ID: 890-8213-1
Project/Site: COG SOMBREREO
SDG: 249381

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		BFB1	DFBZ1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
890-8213-44	CS - 44	96	98								
890-8213-45	CS - 45	88	98								
890-8213-46	CS - 46	93	103								
890-8213-47	CS - 47	92	100								
890-8213-48	CS - 48	88	99								
890-8213-49	SW - 1	88	92								
890-8213-50	SW - 2	88	100								
890-8213-51	SW - 3	103	92								
890-8213-52	SW - 4	85	105								
890-8213-53	SW - 5	91	103								
890-8213-54	SW - 6	98	103								
890-8213-55	SW - 7	95	101								
890-8213-56	SW - 8	88	108								
890-8213-57	SW - 9	95	108								
890-8213-58	SW - 10	91	103								
890-8213-59	SW - 11	97	98								
890-8213-60	SW - 12	94	100								
890-8213-61	SW - 13	92	93								
890-8213-61 MS	SW - 13	106	105								
890-8213-61 MSD	SW - 13	114	98								
890-8213-62	SW - 14	91	98								
890-8213-63	SW - 15	94	99								
890-8213-64	SW - 16	92	84								
890-8213-65	SW - 17	92	94								
890-8213-66	SW - 18	92	103								
890-8213-67	SW - 19	91	100								
890-8213-68	SW - 20	93	100								
890-8213-69	SW - 21	94	97								
890-8213-70	SW - 22	96	104								
890-8213-71	SW - 23	94	99								
890-8213-72	SW - 24	94	100								
890-8213-73	SW - 25	92	100								
890-8213-74	SW - 26	91	92								
890-8213-75	SW - 27	92	99								
890-8213-76	SW - 28	94	100								
890-8213-77	SW - 29	113	93								
890-8213-78	SW - 30	94	98								
890-8213-79	SW - 31	94	98								
890-8213-80	SW - 32	93	103								
890-8213-81	SW - 33	95	89								
890-8213-81 MS	SW - 33	100	94								
890-8213-81 MSD	SW - 33	98	97								
890-8213-82	SW - 34	94	96								
890-8213-83	SW - 35	97	98								
890-8213-84	SW - 36	100	97								
890-8213-85	SW - 37	95	97								
890-8213-86	SW - 38	95	97								
890-8213-87	SW - 39	97	93								
890-8213-88	SW - 40	93	96								
890-8213-89	SW - 41	93	97								

Surrogate Summary

Client: NT Global
Job ID: 890-8213-1
Project/Site: COG SOMBREREO
SDG: 249381

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)								
890-8213-90	SW - 42	103	94								
890-8213-91	SW - 43	102	90								
890-8213-92	SW - 44	96	104								
890-8213-93	SW - 45	92	103								
890-8213-94	SW - 46	93	104								
890-8213-95	SW - 47	96	100								
890-8213-96	SW - 48	96	102								
890-8213-97	SW - 49	91	100								
890-8213-98	SW - 50	95	103								
890-8213-99	SW - 51	99	100								
890-8213-100	SW - 52	95	102								
890-8213-101	SW - 53	98	73								
890-8213-101 MS	SW - 53	103	89								
890-8213-101 MSD	SW - 53	107	93								
890-8213-102	SW - 54	93	93								
890-8213-103	SW - 55	93	96								
890-8213-104	SW - 56	97	99								
890-8213-105	SW - 57	112	118								
890-8213-106	SW - 58	91	96								
890-8213-107	SW - 59	89	96								
890-8213-108	SW - 60	95	100								
890-8213-109	SW - 61	94	73								
890-8213-110	SW - 62	92	102								
890-8213-111	SW - 63	91	96								
890-8213-112	SW - 64	92	100								
890-8213-113	SW - 65	98	84								
LCS 880-110703/1-A	Lab Control Sample	112	110								
LCS 880-110704/1-A	Lab Control Sample	113	93								
LCS 880-110706/1-A	Lab Control Sample	97	107								
LCS 880-110716/1-A	Lab Control Sample	98	102								
LCS 880-110721/1-A	Lab Control Sample	106	110								
LCS 880-110728/1-A	Lab Control Sample	108	114								
LCSD 880-110703/2-A	Lab Control Sample Dup	111	92								
LCSD 880-110704/2-A	Lab Control Sample Dup	110	93								
LCSD 880-110706/2-A	Lab Control Sample Dup	98	106								
LCSD 880-110716/2-A	Lab Control Sample Dup	98	101								
LCSD 880-110721/2-A	Lab Control Sample Dup	111	102								
LCSD 880-110728/2-A	Lab Control Sample Dup	106	111								
MB 880-110703/5-A	Method Blank	89	94								
MB 880-110704/5-A	Method Blank	98	75								
MB 880-110706/5-A	Method Blank	101	89								
MB 880-110716/5-A	Method Blank	100	91								
MB 880-110721/5-A	Method Blank	89	97								
MB 880-110728/5-A	Method Blank	86	96								

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Surrogate Summary

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)								
890-8213-1	CS - 1	75	72								
890-8213-1 MS	CS - 1	83	73								
890-8213-1 MSD	CS - 1	70	70								
890-8213-2	CS - 2	78	79								
890-8213-3	CS - 3	76	69 S1-								
890-8213-4	CS - 4	76	64 S1-								
890-8213-5	CS - 5	74	77								
890-8213-6	CS - 6	77	76								
890-8213-7	CS - 7	79	80								
890-8213-8	CS - 8	77	77								
890-8213-9	CS - 9	76	78								
890-8213-10	CS - 10	79	80								
890-8213-11	CS - 11	81	75								
890-8213-12	CS - 12	79	71								
890-8213-13	CS - 13	75	69 S1-								
890-8213-14	CS - 14	76	73								
890-8213-15	CS - 15	78	76								
890-8213-16	CS - 16	77	70								
890-8213-17	CS - 17	77	74								
890-8213-18	CS - 18	80	78								
890-8213-19	CS - 19	78	81								
890-8213-20	CS - 20	80	78								
890-8213-21	CS - 21	96	81								
890-8213-21 MS	CS - 21	93	86								
890-8213-21 MSD	CS - 21	100	90								
890-8213-22	CS - 22	100	95								
890-8213-23	CS - 23	94	68 S1-								
890-8213-24	CS - 24	91	52 S1-								
890-8213-25	CS - 25	99	76								
890-8213-26	CS - 26	99	76								
890-8213-27	CS - 27	92	56 S1-								
890-8213-28	CS - 28	99	77								
890-8213-29	CS - 29	94	60 S1-								
890-8213-30	CS - 30	100	83								
890-8213-31	CS - 31	97	82								
890-8213-32	CS - 32	98	88								
890-8213-33	CS - 33	102	79								
890-8213-34	CS - 34	103	87								
890-8213-35	CS - 35	102	96								
890-8213-36	CS - 36	100	94								
890-8213-37	CS - 37	99	75								
890-8213-38	CS - 38	99	82								
890-8213-39	CS - 39	96	74								
890-8213-40	CS - 40	98	74								
890-8213-41	CS - 41	93	70								
890-8213-41 MS	CS - 41	103	75								
890-8213-41 MSD	CS - 41	104	76								
890-8213-42	CS - 42	90	59 S1-								
890-8213-43	CS - 43	93	82								
890-8213-44	CS - 44	99	98								

Surrogate Summary

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

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

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-130)	OTPH1 (70-130)
890-8213-45	CS - 45	94	86
890-8213-46	CS - 46	99	94
890-8213-47	CS - 47	99	95
890-8213-48	CS - 48	99	99
890-8213-49	SW - 1	86	54 S1-
890-8213-50	SW - 2	96	101
890-8213-51	SW - 3	96	90
890-8213-52	SW - 4	102	92
890-8213-53	SW - 5	97	87
890-8213-54	SW - 6	107	104
890-8213-55	SW - 7	96	99
890-8213-56	SW - 8	101	104
890-8213-57	SW - 9	96	94
890-8213-58	SW - 10	102	102
890-8213-59	SW - 11	93	69 S1-
890-8213-60	SW - 12	99	87
890-8213-61	SW - 13	98	94
890-8213-61 MS	SW - 13	104	83
890-8213-61 MSD	SW - 13	104	83
890-8213-62	SW - 14	99	91
890-8213-63	SW - 15	105	112
890-8213-64	SW - 16	108	116
890-8213-65	SW - 17	99	98
890-8213-66	SW - 18	100	91
890-8213-67	SW - 19	97	72
890-8213-68	SW - 20	104	113
890-8213-69	SW - 21	99	100
890-8213-70	SW - 22	98	103
890-8213-71	SW - 23	100	105
890-8213-72	SW - 24	101	108
890-8213-73	SW - 25	94	74
890-8213-74	SW - 26	100	105
890-8213-75	SW - 27	97	85
890-8213-76	SW - 28	90	52 S1-
890-8213-77	SW - 29	91	73
890-8213-78	SW - 30	95	80
890-8213-79	SW - 31	93	57 S1-
890-8213-80	SW - 32	88	53 S1-
890-8213-81	SW - 33	74	61 S1-
890-8213-81 MS	SW - 33	68 S1-	63 S1-
890-8213-81 MSD	SW - 33	86	66 S1-
890-8213-82	SW - 34	71	45 S1-
890-8213-83	SW - 35	72	70
890-8213-84	SW - 36	75	63 S1-
890-8213-85	SW - 37	76	78
890-8213-86	SW - 38	80	72
890-8213-87	SW - 39	80	78
890-8213-88	SW - 40	77	72
890-8213-89	SW - 41	79	79
890-8213-90	SW - 42	80	72

Surrogate Summary

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		1CO1	OTPH1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
890-8213-91	SW - 43	79	73										
890-8213-92	SW - 44	76	68 S1-										
890-8213-93	SW - 45	74	60 S1-										
890-8213-94	SW - 46	78	66 S1-										
890-8213-95	SW - 47	76	70										
890-8213-96	SW - 48	76	60 S1-										
890-8213-97	SW - 49	75	64 S1-										
890-8213-98	SW - 50	77	65 S1-										
890-8213-99	SW - 51	80	49 S1-										
890-8213-100	SW - 52	80	79										
890-8213-101	SW - 53	78	62 S1-										
890-8213-101 MS	SW - 53	83	75										
890-8213-101 MSD	SW - 53	81	74										
890-8213-102	SW - 54	91	72										
890-8213-103	SW - 55	93	83										
890-8213-104	SW - 56	91	87										
890-8213-105	SW - 57	91	76										
890-8213-106	SW - 58	94	81										
890-8213-107	SW - 59	94	78										
890-8213-108	SW - 60	93	53 S1-										
890-8213-109	SW - 61	87	52 S1-										
890-8213-110	SW - 62	89	60 S1-										
890-8213-111	SW - 63	102	80										
890-8213-112	SW - 64	95	48 S1-										
890-8213-113	SW - 65	97	57 S1-										
LCS 880-110656/2-A	Lab Control Sample	94	105										
LCS 880-110657/2-A	Lab Control Sample	120	119										
LCS 880-110658/2-A	Lab Control Sample	128	128										
LCS 880-110659/2-A	Lab Control Sample	125	122										
LCS 880-110660/2-A	Lab Control Sample	102	96										
LCS 880-110661/2-A	Lab Control Sample	87	92										
LCSD 880-110656/3-A	Lab Control Sample Dup	91	102										
LCSD 880-110657/3-A	Lab Control Sample Dup	128	127										
LCSD 880-110658/3-A	Lab Control Sample Dup	130	131 S1+										
LCSD 880-110660/3-A	Lab Control Sample Dup	95	110										
LCSD 880-110661/3-A	Lab Control Sample Dup	95	100										
MB 880-110656/1-A	Method Blank	79	79										
MB 880-110657/1-A	Method Blank	89	83										
MB 880-110658/1-A	Method Blank	86	91										
MB 880-110659/1-A	Method Blank	96	95										
MB 880-110660/1-A	Method Blank	73	70										
MB 880-110661/1-A	Method Blank	84	84										

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Surrogate Summary

Client: NT Global
Job ID: 890-8213-1
Project/Site: COG SOMBREREO
SDG: 249381

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

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
		1CO1	OTPH1						
Lab Sample ID	**Client Sample ID**								
LCSD 880-110659/3-A	Lab Control Sample Dup								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-110703/5-A
Matrix: Solid
Analysis Batch: 110696

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 110703

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:10	05/22/25 12:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:10	05/22/25 12:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:10	05/22/25 12:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/22/25 10:10	05/22/25 12:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/22/25 10:10	05/22/25 12:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/22/25 10:10	05/22/25 12:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*05/22/25 10:10*	*05/22/25 12:23*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*05/22/25 10:10*	*05/22/25 12:23*	*1*

Lab Sample ID: LCS 880-110703/1-A
Matrix: Solid
Analysis Batch: 110696

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 110703

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1036		mg/Kg		104	70 - 130
Toluene	0.100	0.09237		mg/Kg		92	70 - 130
Ethylbenzene	0.100	0.1222		mg/Kg		122	70 - 130
m-Xylene & p-Xylene	0.200	0.2294		mg/Kg		115	70 - 130
o-Xylene	0.100	0.1132		mg/Kg		113	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*

Lab Sample ID: LCSD 880-110703/2-A
Matrix: Solid
Analysis Batch: 110696

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 110703

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09847		mg/Kg		98	70 - 130	5	35
Toluene	0.100	0.09743		mg/Kg		97	70 - 130	5	35
Ethylbenzene	0.100	0.1176		mg/Kg		118	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.2244		mg/Kg		112	70 - 130	2	35
o-Xylene	0.100	0.1111		mg/Kg		111	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: 890-8213-1 MS
Matrix: Solid
Analysis Batch: 110696

Client Sample ID: CS - 1
Prep Type: Total/NA
Prep Batch: 110703

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.0992	0.09343		mg/Kg		94	70 - 130
Toluene	<0.00201	U	0.0992	0.08612		mg/Kg		87	70 - 130

QC Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

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

Lab Sample ID: 890-8213-1 MS
Matrix: Solid
Analysis Batch: 110696

Client Sample ID: CS - 1
Prep Type: Total/NA
Prep Batch: 110703

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.0992	0.1087		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.198	0.2048		mg/Kg		103	70 - 130
o-Xylene	<0.00201	U	0.0992	0.1028		mg/Kg		104	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 890-8213-1 MSD
Matrix: Solid
Analysis Batch: 110696

Client Sample ID: CS - 1
Prep Type: Total/NA
Prep Batch: 110703

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.09329		mg/Kg		93	70 - 130	0	35
Toluene	<0.00201	U	0.100	0.08469		mg/Kg		85	70 - 130	2	35
Ethylbenzene	<0.00201	U	0.100	0.08893		mg/Kg		89	70 - 130	20	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1685		mg/Kg		84	70 - 130	19	35
o-Xylene	<0.00201	U	0.100	0.08441		mg/Kg		84	70 - 130	20	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: MB 880-110704/5-A
Matrix: Solid
Analysis Batch: 110695

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 110704

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:16	05/22/25 11:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:16	05/22/25 11:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:16	05/22/25 11:59	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/22/25 10:16	05/22/25 11:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:16	05/22/25 11:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/22/25 10:16	05/22/25 11:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*05/22/25 10:16*	*05/22/25 11:59*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*05/22/25 10:16*	*05/22/25 11:59*	*1*

Lab Sample ID: LCS 880-110704/1-A
Matrix: Solid
Analysis Batch: 110695

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 110704

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09376		mg/Kg		94	70 - 130
Toluene	0.100	0.09155		mg/Kg		92	70 - 130
Ethylbenzene	0.100	0.09259		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	0.200	0.1967		mg/Kg		98	70 - 130

QC Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

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

Lab Sample ID: LCS 880-110704/1-A
Matrix: Solid
Analysis Batch: 110695

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 110704

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.09900		mg/Kg		99	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: LCSD 880-110704/2-A
Matrix: Solid
Analysis Batch: 110695

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 110704

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09973		mg/Kg		100	70 - 130	6	35
Toluene			0.100	0.1004		mg/Kg		100	70 - 130	9	35
Ethylbenzene			0.100	0.1024		mg/Kg		102	70 - 130	10	35
m-Xylene & p-Xylene			0.200	0.2182		mg/Kg		109	70 - 130	10	35
o-Xylene			0.100	0.1079		mg/Kg		108	70 - 130	9	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: 890-8213-21 MS
Matrix: Solid
Analysis Batch: 110695

Client Sample ID: CS - 21
Prep Type: Total/NA
Prep Batch: 110704

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.0996	0.08864		mg/Kg		89	70 - 130		
Toluene	<0.00200	U	0.0996	0.09009		mg/Kg		90	70 - 130		
Ethylbenzene	<0.00200	U	0.0996	0.09148		mg/Kg		92	70 - 130		
m-Xylene & p-Xylene	<0.00399	U	0.199	0.1946		mg/Kg		98	70 - 130		
o-Xylene	<0.00200	U	0.0996	0.09856		mg/Kg		99	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: 890-8213-21 MSD
Matrix: Solid
Analysis Batch: 110695

Client Sample ID: CS - 21
Prep Type: Total/NA
Prep Batch: 110704

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09131		mg/Kg		91	70 - 130	3	35
Toluene	<0.00200	U	0.100	0.09303		mg/Kg		93	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.09370		mg/Kg		94	70 - 130	2	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1977		mg/Kg		99	70 - 130	2	35
o-Xylene	<0.00200	U	0.100	0.09979		mg/Kg		100	70 - 130	1	35

QC Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

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

Lab Sample ID: 890-8213-21 MSD
Matrix: Solid
Analysis Batch: 110695

Client Sample ID: CS - 21
Prep Type: Total/NA
Prep Batch: 110704

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: MB 880-110706/5-A
Matrix: Solid
Analysis Batch: 110694

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 110706

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 11:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 11:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 11:59	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/22/25 10:19	05/22/25 11:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:19	05/22/25 11:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/22/25 10:19	05/22/25 11:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	05/22/25 10:19	05/22/25 11:59	1
1,4-Difluorobenzene (Surr)	89		70 - 130	05/22/25 10:19	05/22/25 11:59	1

Lab Sample ID: LCS 880-110706/1-A
Matrix: Solid
Analysis Batch: 110694

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 110706

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1118		mg/Kg		112	70 - 130		
Toluene			0.100	0.1007		mg/Kg		101	70 - 130		
Ethylbenzene			0.100	0.1061		mg/Kg		106	70 - 130		
m-Xylene & p-Xylene			0.200	0.2232		mg/Kg		112	70 - 130		
o-Xylene			0.100	0.1093		mg/Kg		109	70 - 130		

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

Lab Sample ID: LCSD 880-110706/2-A
Matrix: Solid
Analysis Batch: 110694

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 110706

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1182		mg/Kg		118	70 - 130	6	35
Toluene			0.100	0.09881		mg/Kg		99	70 - 130	2	35
Ethylbenzene			0.100	0.1045		mg/Kg		104	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.2182		mg/Kg		109	70 - 130	2	35
o-Xylene			0.100	0.1080		mg/Kg		108	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130

QC Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

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

Lab Sample ID: LCSD 880-110706/2-A
Matrix: Solid
Analysis Batch: 110694

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 110706

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

Lab Sample ID: 890-8213-41 MS
Matrix: Solid
Analysis Batch: 110694

Client Sample ID: CS - 41
Prep Type: Total/NA
Prep Batch: 110706

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.101	0.09895		mg/Kg		98	70 - 130
Toluene	<0.00199	U	0.101	0.09054		mg/Kg		90	70 - 130
Ethylbenzene	<0.00199	U	0.101	0.09591		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.202	0.2024		mg/Kg		100	70 - 130
o-Xylene	<0.00199	U	0.101	0.09911		mg/Kg		98	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 890-8213-41 MSD
Matrix: Solid
Analysis Batch: 110694

Client Sample ID: CS - 41
Prep Type: Total/NA
Prep Batch: 110706

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.100	0.1098		mg/Kg		110	70 - 130	10	35
Toluene	<0.00199	U	0.100	0.08533		mg/Kg		85	70 - 130	6	35
Ethylbenzene	<0.00199	U	0.100	0.08634		mg/Kg		86	70 - 130	10	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1760		mg/Kg		88	70 - 130	14	35
o-Xylene	<0.00199	U	0.100	0.08590		mg/Kg		86	70 - 130	14	35

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

Lab Sample ID: MB 880-110716/5-A
Matrix: Solid
Analysis Batch: 110788

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 110716

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:40	05/23/25 12:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:40	05/23/25 12:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:40	05/23/25 12:21	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/22/25 10:40	05/23/25 12:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:40	05/23/25 12:21	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/22/25 10:40	05/23/25 12:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	05/22/25 10:40	05/23/25 12:21	1
1,4-Difluorobenzene (Surr)	91		70 - 130	05/22/25 10:40	05/23/25 12:21	1

QC Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

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

Lab Sample ID: LCS 880-110716/1-A
Matrix: Solid
Analysis Batch: 110788

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 110716

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1049		mg/Kg		105	70 - 130		
Toluene			0.100	0.08987		mg/Kg		90	70 - 130		
Ethylbenzene			0.100	0.09460		mg/Kg		95	70 - 130		
m-Xylene & p-Xylene			0.200	0.1957		mg/Kg		98	70 - 130		
o-Xylene			0.100	0.09694		mg/Kg		97	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 880-110716/2-A
Matrix: Solid
Analysis Batch: 110788

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 110716

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1068		mg/Kg		107	70 - 130	2	35
Toluene			0.100	0.09118		mg/Kg		91	70 - 130	1	35
Ethylbenzene			0.100	0.09595		mg/Kg		96	70 - 130	1	35
m-Xylene & p-Xylene			0.200	0.2012		mg/Kg		101	70 - 130	3	35
o-Xylene			0.100	0.09887		mg/Kg		99	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 890-8213-81 MS
Matrix: Solid
Analysis Batch: 110788

Client Sample ID: SW - 33
Prep Type: Total/NA
Prep Batch: 110716

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.09833		mg/Kg		98	70 - 130		
Toluene	<0.00200	U	0.100	0.08813		mg/Kg		88	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.09220		mg/Kg		92	70 - 130		
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1938		mg/Kg		97	70 - 130		
o-Xylene	<0.00200	U	0.100	0.09444		mg/Kg		94	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: 890-8213-81 MSD
Matrix: Solid
Analysis Batch: 110788

Client Sample ID: SW - 33
Prep Type: Total/NA
Prep Batch: 110716

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09635		mg/Kg		96	70 - 130	2	35
Toluene	<0.00200	U	0.100	0.08502		mg/Kg		85	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.100	0.08781		mg/Kg		88	70 - 130	5	35

QC Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

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

Lab Sample ID: 890-8213-81 MSD
Matrix: Solid
Analysis Batch: 110788

Client Sample ID: SW - 33
Prep Type: Total/NA
Prep Batch: 110716

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1835		mg/Kg		92	70 - 130	5	35
o-Xylene	<0.00200	U	0.100	0.08984		mg/Kg		90	70 - 130	5	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: MB 880-110721/5-A
Matrix: Solid
Analysis Batch: 110790

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 110721

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:44	05/23/25 12:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:44	05/23/25 12:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:44	05/23/25 12:17	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/22/25 10:44	05/23/25 12:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:44	05/23/25 12:17	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/22/25 10:44	05/23/25 12:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*05/22/25 10:44*	*05/23/25 12:17*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*05/22/25 10:44*	*05/23/25 12:17*	*1*

Lab Sample ID: LCS 880-110721/1-A
Matrix: Solid
Analysis Batch: 110790

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 110721

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09914		mg/Kg		99	70 - 130
Toluene	0.100	0.09743		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.1148		mg/Kg		115	70 - 130
m-Xylene & p-Xylene	0.200	0.2137		mg/Kg		107	70 - 130
o-Xylene	0.100	0.1068		mg/Kg		107	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*

Lab Sample ID: LCSD 880-110721/2-A
Matrix: Solid
Analysis Batch: 110790

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 110721

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1059		mg/Kg		106	70 - 130	7	35
Toluene	0.100	0.09598		mg/Kg		96	70 - 130	2	35
Ethylbenzene	0.100	0.1250		mg/Kg		125	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.2334		mg/Kg		117	70 - 130	9	35
o-Xylene	0.100	0.1168		mg/Kg		117	70 - 130	9	35

QC Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 890-8213-101 MS — **Client Sample ID: SW - 53**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 110790 — **Prep Batch: 110721**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08372		mg/Kg		84	70 - 130
Toluene	<0.00200	U	0.100	0.08302		mg/Kg		83	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09335		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1728		mg/Kg		86	70 - 130
o-Xylene	<0.00200	U	0.100	0.08586		mg/Kg		86	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: 890-8213-101 MSD — **Client Sample ID: SW - 53**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 110790 — **Prep Batch: 110721**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.07987		mg/Kg		80	70 - 130	5	35
Toluene	<0.00200	U	0.100	0.07982		mg/Kg		80	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.100	0.09114		mg/Kg		91	70 - 130	2	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1718		mg/Kg		86	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.08529		mg/Kg		85	70 - 130	1	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: MB 880-110728/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 110696 — **Prep Batch: 110728**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:48	05/22/25 23:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:48	05/22/25 23:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:48	05/22/25 23:04	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/22/25 10:48	05/22/25 23:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/22/25 10:48	05/22/25 23:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/22/25 10:48	05/22/25 23:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	05/22/25 10:48	05/22/25 23:04	1
1,4-Difluorobenzene (Surr)	96		70 - 130	05/22/25 10:48	05/22/25 23:04	1

QC Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

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

Lab Sample ID: LCS 880-110728/1-A
Matrix: Solid
Analysis Batch: 110696

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 110728

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08951		mg/Kg		90	70 - 130		
Toluene			0.100	0.07829		mg/Kg		78	70 - 130		
Ethylbenzene			0.100	0.08312		mg/Kg		83	70 - 130		
m-Xylene & p-Xylene			0.200	0.1895		mg/Kg		95	70 - 130		
o-Xylene			0.100	0.09677		mg/Kg		97	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*

Lab Sample ID: LCSD 880-110728/2-A
Matrix: Solid
Analysis Batch: 110696

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 110728

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09169		mg/Kg		92	70 - 130	2	35
Toluene			0.100	0.08742		mg/Kg		87	70 - 130	11	35
Ethylbenzene			0.100	0.1017		mg/Kg		102	70 - 130	20	35
m-Xylene & p-Xylene			0.200	0.1916		mg/Kg		96	70 - 130	1	35
o-Xylene			0.100	0.09735		mg/Kg		97	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*

Lab Sample ID: 890-8213-61 MS
Matrix: Solid
Analysis Batch: 110696

Client Sample ID: SW - 13
Prep Type: Total/NA
Prep Batch: 110728

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.08703		mg/Kg		87	70 - 130		
Toluene	<0.00200	U	0.100	0.07824		mg/Kg		78	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.09341		mg/Kg		93	70 - 130		
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1753		mg/Kg		88	70 - 130		
o-Xylene	<0.00200	U	0.100	0.08785		mg/Kg		88	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: 890-8213-61 MSD
Matrix: Solid
Analysis Batch: 110696

Client Sample ID: SW - 13
Prep Type: Total/NA
Prep Batch: 110728

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09014		mg/Kg		90	70 - 130	4	35
Toluene	<0.00200	U	0.100	0.08261		mg/Kg		83	70 - 130	5	35
Ethylbenzene	<0.00200	U	0.100	0.08374		mg/Kg		84	70 - 130	11	35

QC Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

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

Lab Sample ID: 890-8213-61 MSD
Matrix: Solid
Analysis Batch: 110696

Client Sample ID: SW - 13
Prep Type: Total/NA
Prep Batch: 110728

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1651		mg/Kg		83	70 - 130	6	35
o-Xylene	<0.00200	U	0.100	0.08477		mg/Kg		85	70 - 130	4	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

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

Lab Sample ID: MB 880-110656/1-A
Matrix: Solid
Analysis Batch: 110968

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 110656

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:13	05/27/25 20:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:13	05/27/25 20:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:13	05/27/25 20:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*05/21/25 16:13*	*05/27/25 20:41*	*1*
o-Terphenyl	*79*		*70 - 130*	*05/21/25 16:13*	*05/27/25 20:41*	*1*

Lab Sample ID: LCS 880-110656/2-A
Matrix: Solid
Analysis Batch: 110968

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 110656

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	920.4		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	1000	966.3		mg/Kg		97	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*94*		*70 - 130*
o-Terphenyl	*105*		*70 - 130*

Lab Sample ID: LCSD 880-110656/3-A
Matrix: Solid
Analysis Batch: 110968

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 110656

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	893.9		mg/Kg		89	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	938.8		mg/Kg		94	70 - 130	3	20

QC Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

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

Lab Sample ID: LCSD 880-110656/3-A
Matrix: Solid
Analysis Batch: 110968

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 110656

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	91		70 - 130
o-Terphenyl	102		70 - 130

Lab Sample ID: 890-8213-1 MS
Matrix: Solid
Analysis Batch: 110968

Client Sample ID: CS - 1
Prep Type: Total/NA
Prep Batch: 110656

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	995	675.9	F1	mg/Kg		68	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U F1	995	647.6	F1	mg/Kg		65	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	83		70 - 130
o-Terphenyl	73		70 - 130

Lab Sample ID: 890-8213-1 MSD
Matrix: Solid
Analysis Batch: 110968

Client Sample ID: CS - 1
Prep Type: Total/NA
Prep Batch: 110656

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	995	711.1		mg/Kg		71	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	995	705.6		mg/Kg		71	70 - 130	9	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	70		70 - 130
o-Terphenyl	70		70 - 130

Lab Sample ID: MB 880-110657/1-A
Matrix: Solid
Analysis Batch: 110970

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 110657

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:14	05/27/25 20:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:14	05/27/25 20:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:14	05/27/25 20:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	05/21/25 16:14	05/27/25 20:41	1
o-Terphenyl	83		70 - 130	05/21/25 16:14	05/27/25 20:41	1

QC Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

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

Lab Sample ID: LCS 880-110657/2-A
Matrix: Solid
Analysis Batch: 110970

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 110657

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1183		mg/Kg		118	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1169		mg/Kg		117	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*120*		*70 - 130*
o-Terphenyl	*119*		*70 - 130*

Lab Sample ID: LCSD 880-110657/3-A
Matrix: Solid
Analysis Batch: 110970

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 110657

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1268		mg/Kg		127	70 - 130	7	20
Diesel Range Organics (Over C10-C28)			1000	1253		mg/Kg		125	70 - 130	7	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*128*		*70 - 130*
o-Terphenyl	*127*		*70 - 130*

Lab Sample ID: 890-8213-21 MS
Matrix: Solid
Analysis Batch: 110970

Client Sample ID: CS - 21
Prep Type: Total/NA
Prep Batch: 110657

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	855.7		mg/Kg		84	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	998	855.0		mg/Kg		86	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*93*		*70 - 130*
o-Terphenyl	*86*		*70 - 130*

Lab Sample ID: 890-8213-21 MSD
Matrix: Solid
Analysis Batch: 110970

Client Sample ID: CS - 21
Prep Type: Total/NA
Prep Batch: 110657

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	924.2		mg/Kg		91	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	902.2		mg/Kg		90	70 - 130	5	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*100*		*70 - 130*

QC Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

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

Lab Sample ID: 890-8213-21 MSD
Matrix: Solid
Analysis Batch: 110970

Client Sample ID: CS - 21
Prep Type: Total/NA
Prep Batch: 110657

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	90		70 - 130

Lab Sample ID: MB 880-110658/1-A
Matrix: Solid
Analysis Batch: 110959

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 110658

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:14	05/27/25 18:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:14	05/27/25 18:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:14	05/27/25 18:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	05/21/25 16:14	05/27/25 18:15	1
o-Terphenyl	91		70 - 130	05/21/25 16:14	05/27/25 18:15	1

Lab Sample ID: LCS 880-110658/2-A
Matrix: Solid
Analysis Batch: 110959

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 110658

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1024		mg/Kg		102	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	966.6		mg/Kg		97	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	128		70 - 130
o-Terphenyl	128		70 - 130

Lab Sample ID: LCSD 880-110658/3-A
Matrix: Solid
Analysis Batch: 110959

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 110658

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1062		mg/Kg		106	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	992.6		mg/Kg		99	70 - 130	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	130		70 - 130
o-Terphenyl	131	S1+	70 - 130

QC Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

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

Lab Sample ID: 890-8213-41 MS
Matrix: Solid
Analysis Batch: 110959

Client Sample ID: CS - 41
Prep Type: Total/NA
Prep Batch: 110658

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	806.5		mg/Kg		81	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	997	698.4		mg/Kg		70	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*103*		*70 - 130*
o-Terphenyl	*75*		*70 - 130*

Lab Sample ID: 890-8213-41 MSD
Matrix: Solid
Analysis Batch: 110959

Client Sample ID: CS - 41
Prep Type: Total/NA
Prep Batch: 110658

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	811.8		mg/Kg		81	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	997	707.3		mg/Kg		71	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*104*		*70 - 130*
o-Terphenyl	*76*		*70 - 130*

Lab Sample ID: MB 880-110659/1-A
Matrix: Solid
Analysis Batch: 110959

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 110659

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:14	05/28/25 01:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:14	05/28/25 01:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:14	05/28/25 01:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*05/21/25 16:14*	*05/28/25 01:49*	*1*
o-Terphenyl	*95*		*70 - 130*	*05/21/25 16:14*	*05/28/25 01:49*	*1*

Lab Sample ID: LCS 880-110659/2-A
Matrix: Solid
Analysis Batch: 110959

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 110659

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1045		mg/Kg		105	70 - 130
Diesel Range Organics (Over C10-C28)	1000	904.4		mg/Kg		90	70 - 130

QC Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

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

Lab Sample ID: LCS 880-110659/2-A
Matrix: Solid
Analysis Batch: 110959

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 110659

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	125		70 - 130
o-Terphenyl	122		70 - 130

Lab Sample ID: LCSD 880-110659/3-A
Matrix: Solid
Analysis Batch: 110959

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 110659

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	861.6		mg/Kg					
Diesel Range Organics (Over C10-C28)			1000	1176		mg/Kg					

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane			
o-Terphenyl			

Lab Sample ID: 890-8213-61 MS
Matrix: Solid
Analysis Batch: 110959

Client Sample ID: SW - 13
Prep Type: Total/NA
Prep Batch: 110659

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	848.0		mg/Kg		85	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	999	729.0		mg/Kg		73	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	104		70 - 130
o-Terphenyl	83		70 - 130

Lab Sample ID: 890-8213-61 MSD
Matrix: Solid
Analysis Batch: 110959

Client Sample ID: SW - 13
Prep Type: Total/NA
Prep Batch: 110659

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	847.2		mg/Kg		85	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	731.9		mg/Kg		73	70 - 130	0	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	104		70 - 130
o-Terphenyl	83		70 - 130

QC Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

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

Lab Sample ID: MB 880-110660/1-A
Matrix: Solid
Analysis Batch: 110968

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 110660

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:14	05/27/25 09:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:14	05/27/25 09:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:14	05/27/25 09:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*73*		*70 - 130*	*05/21/25 16:14*	*05/27/25 09:51*	*1*
o-Terphenyl	*70*		*70 - 130*	*05/21/25 16:14*	*05/27/25 09:51*	*1*

Lab Sample ID: LCS 880-110660/2-A
Matrix: Solid
Analysis Batch: 110968

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 110660

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	921.2		mg/Kg		92	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	996.4		mg/Kg		100	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*102*		*70 - 130*
o-Terphenyl	*96*		*70 - 130*

Lab Sample ID: LCSD 880-110660/3-A
Matrix: Solid
Analysis Batch: 110968

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 110660

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1022		mg/Kg		102	70 - 130	10	20
Diesel Range Organics (Over C10-C28)			1000	1154		mg/Kg		115	70 - 130	15	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*95*		*70 - 130*
o-Terphenyl	*110*		*70 - 130*

Lab Sample ID: 890-8213-81 MS
Matrix: Solid
Analysis Batch: 110968

Client Sample ID: SW - 33
Prep Type: Total/NA
Prep Batch: 110660

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	638.6	F1	mg/Kg		64	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U F1	998	665.7	F1	mg/Kg		65	70 - 130		

QC Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

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

Lab Sample ID: 890-8213-81 MS
Matrix: Solid
Analysis Batch: 110968

Client Sample ID: SW - 33
Prep Type: Total/NA
Prep Batch: 110660

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*68*	*S1-*	*70 - 130*
o-Terphenyl	*63*	*S1-*	*70 - 130*

Lab Sample ID: 890-8213-81 MSD
Matrix: Solid
Analysis Batch: 110968

Client Sample ID: SW - 33
Prep Type: Total/NA
Prep Batch: 110660

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	701.0		mg/Kg		70	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	998	671.0	F1	mg/Kg		66	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*86*		*70 - 130*
o-Terphenyl	*66*	*S1-*	*70 - 130*

Lab Sample ID: MB 880-110661/1-A
Matrix: Solid
Analysis Batch: 110970

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 110661

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/21/25 16:15	05/27/25 09:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/25 16:15	05/27/25 09:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/25 16:15	05/27/25 09:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*05/21/25 16:15*	*05/27/25 09:51*	*1*
o-Terphenyl	*84*		*70 - 130*	*05/21/25 16:15*	*05/27/25 09:51*	*1*

Lab Sample ID: LCS 880-110661/2-A
Matrix: Solid
Analysis Batch: 110970

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 110661

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	941.9		mg/Kg		94	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1005		mg/Kg		101	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*87*		*70 - 130*
o-Terphenyl	*92*		*70 - 130*

QC Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

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

Lab Sample ID: LCSD 880-110661/3-A
Matrix: Solid
Analysis Batch: 110970

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 110661

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	877.6		mg/Kg		88	70 - 130	7	20
Diesel Range Organics (Over C10-C28)			1000	957.7		mg/Kg		96	70 - 130	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*95*		*70 - 130*
o-Terphenyl	*100*		*70 - 130*

Lab Sample ID: 890-8213-101 MS
Matrix: Solid
Analysis Batch: 110970

Client Sample ID: SW - 53
Prep Type: Total/NA
Prep Batch: 110661

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	725.1		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	997	730.9		mg/Kg		73	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*83*		*70 - 130*
o-Terphenyl	*75*		*70 - 130*

Lab Sample ID: 890-8213-101 MSD
Matrix: Solid
Analysis Batch: 110970

Client Sample ID: SW - 53
Prep Type: Total/NA
Prep Batch: 110661

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	697.2		mg/Kg		70	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	699.7		mg/Kg		70	70 - 130	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*81*		*70 - 130*
o-Terphenyl	*74*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-110652/1-A
Matrix: Solid
Analysis Batch: 110710

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			05/22/25 13:24	1

QC Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-110652/2-A
Matrix: Solid
Analysis Batch: 110710

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	255.3		mg/Kg		102	90 - 110		

Lab Sample ID: LCSD 880-110652/3-A
Matrix: Solid
Analysis Batch: 110710

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	255.3		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 890-8213-6 MS
Matrix: Solid
Analysis Batch: 110710

Client Sample ID: CS - 6
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	4600	F1	1240	6032	F1	mg/Kg		115	90 - 110		

Lab Sample ID: 890-8213-6 MSD
Matrix: Solid
Analysis Batch: 110710

Client Sample ID: CS - 6
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4600	F1	1240	6037	F1	mg/Kg		115	90 - 110	0	20

Lab Sample ID: MB 880-110662/1-A
Matrix: Solid
Analysis Batch: 110743

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			05/22/25 14:38	1

Lab Sample ID: LCS 880-110662/2-A
Matrix: Solid
Analysis Batch: 110743

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	267.1		mg/Kg		107	90 - 110		

Lab Sample ID: LCSD 880-110662/3-A
Matrix: Solid
Analysis Batch: 110743

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	262.6		mg/Kg		105	90 - 110	2	20

Lab Sample ID: 890-8213-16 MS
Matrix: Solid
Analysis Batch: 110743

Client Sample ID: CS - 16
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	2450	F1	1240	3977	F1	mg/Kg		123	90 - 110		

QC Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-8213-16 MSD
Matrix: Solid
Analysis Batch: 110743

Client Sample ID: CS - 16
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2450	F1	1240	4016	F1	mg/Kg		126	90 - 110	1	20

Lab Sample ID: 890-8213-26 MS
Matrix: Solid
Analysis Batch: 110743

Client Sample ID: CS - 26
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	175		250	430.6		mg/Kg		102	90 - 110

Lab Sample ID: 890-8213-26 MSD
Matrix: Solid
Analysis Batch: 110743

Client Sample ID: CS - 26
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	175		250	428.5		mg/Kg		101	90 - 110	0	20

Lab Sample ID: MB 880-110665/1-A
Matrix: Solid
Analysis Batch: 110758

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			05/22/25 17:33	1

Lab Sample ID: LCS 880-110665/2-A
Matrix: Solid
Analysis Batch: 110758

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	257.2		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-110665/3-A
Matrix: Solid
Analysis Batch: 110758

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	256.7		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-8213-36 MS
Matrix: Solid
Analysis Batch: 110758

Client Sample ID: CS - 36
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	100		252	361.9		mg/Kg		104	90 - 110

Lab Sample ID: 890-8213-36 MSD
Matrix: Solid
Analysis Batch: 110758

Client Sample ID: CS - 36
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	100		251	360.8		mg/Kg		104	90 - 110	0	20

QC Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-8213-46 MS
Matrix: Solid
Analysis Batch: 110758

Client Sample ID: CS - 46
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1460		249	1748	E 4	mg/Kg		115	90 - 110

Lab Sample ID: 890-8213-46 MSD
Matrix: Solid
Analysis Batch: 110758

Client Sample ID: CS - 46
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1460		249	1752	E 4	mg/Kg		116	90 - 110	0	20

Lab Sample ID: MB 880-110666/1-A
Matrix: Solid
Analysis Batch: 110776

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			05/23/25 01:27	1

Lab Sample ID: LCS 880-110666/2-A
Matrix: Solid
Analysis Batch: 110776

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	257.1		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-110666/3-A
Matrix: Solid
Analysis Batch: 110776

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	256.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-8213-56 MS
Matrix: Solid
Analysis Batch: 110776

Client Sample ID: SW - 8
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	8260		2480	10950		mg/Kg		108	90 - 110

Lab Sample ID: 890-8213-56 MSD
Matrix: Solid
Analysis Batch: 110776

Client Sample ID: SW - 8
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	8260		2480	10970		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 890-8213-66 MS
Matrix: Solid
Analysis Batch: 110776

Client Sample ID: SW - 18
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	144	F1	251	423.4	F1	mg/Kg		111	90 - 110

QC Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-8213-66 MSD
Matrix: Solid
Analysis Batch: 110776

Client Sample ID: SW - 18
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	144	F1	251	422.1	F1	mg/Kg		111	90 - 110	0	20

Lab Sample ID: MB 880-110669/1-A
Matrix: Solid
Analysis Batch: 110778

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			05/23/25 08:51	1

Lab Sample ID: LCS 880-110669/2-A
Matrix: Solid
Analysis Batch: 110778

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	269.5		mg/Kg		108	90 - 110

Lab Sample ID: LCSD 880-110669/3-A
Matrix: Solid
Analysis Batch: 110778

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	270.3		mg/Kg		108	90 - 110	0	20

Lab Sample ID: 890-8213-76 MS
Matrix: Solid
Analysis Batch: 110778

Client Sample ID: SW - 28
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	321	F1	252	457.5	F1	mg/Kg		54	90 - 110

Lab Sample ID: 890-8213-76 MSD
Matrix: Solid
Analysis Batch: 110778

Client Sample ID: SW - 28
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	321	F1	252	452.2	F1	mg/Kg		52	90 - 110	1	20

Lab Sample ID: 890-8213-86 MS
Matrix: Solid
Analysis Batch: 110778

Client Sample ID: SW - 38
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2510	F1	1250	4350	F1	mg/Kg		147	90 - 110

Lab Sample ID: 890-8213-86 MSD
Matrix: Solid
Analysis Batch: 110778

Client Sample ID: SW - 38
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2510	F1	1250	4361	F1	mg/Kg		148	90 - 110	0	20

QC Sample Results

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-110670/1-A
Matrix: Solid
Analysis Batch: 110814

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			05/23/25 15:55	1

Lab Sample ID: LCS 880-110670/2-A
Matrix: Solid
Analysis Batch: 110814

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	256.4		mg/Kg		103	90 - 110		

Lab Sample ID: LCSD 880-110670/3-A
Matrix: Solid
Analysis Batch: 110814

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	257.7		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-8213-96 MS
Matrix: Solid
Analysis Batch: 110814

Client Sample ID: SW - 48
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	196		250	438.5		mg/Kg		97	90 - 110		

Lab Sample ID: 890-8213-96 MSD
Matrix: Solid
Analysis Batch: 110814

Client Sample ID: SW - 48
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	196		250	438.0		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 890-8213-106 MS
Matrix: Solid
Analysis Batch: 110814

Client Sample ID: SW - 58
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	4390		1240	5712		mg/Kg		106	90 - 110		

Lab Sample ID: 890-8213-106 MSD
Matrix: Solid
Analysis Batch: 110814

Client Sample ID: SW - 58
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4390		1240	5705		mg/Kg		106	90 - 110	0	20

QC Association Summary

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

GC VOA

Analysis Batch: 110694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-41	CS - 41	Total/NA	Solid	8021B	110706
890-8213-42	CS - 42	Total/NA	Solid	8021B	110706
890-8213-43	CS - 43	Total/NA	Solid	8021B	110706
890-8213-44	CS - 44	Total/NA	Solid	8021B	110706
890-8213-45	CS - 45	Total/NA	Solid	8021B	110706
890-8213-46	CS - 46	Total/NA	Solid	8021B	110706
890-8213-47	CS - 47	Total/NA	Solid	8021B	110706
890-8213-48	CS - 48	Total/NA	Solid	8021B	110706
890-8213-49	SW - 1	Total/NA	Solid	8021B	110706
890-8213-50	SW - 2	Total/NA	Solid	8021B	110706
890-8213-51	SW - 3	Total/NA	Solid	8021B	110706
890-8213-52	SW - 4	Total/NA	Solid	8021B	110706
890-8213-53	SW - 5	Total/NA	Solid	8021B	110706
890-8213-54	SW - 6	Total/NA	Solid	8021B	110706
890-8213-55	SW - 7	Total/NA	Solid	8021B	110706
890-8213-56	SW - 8	Total/NA	Solid	8021B	110706
890-8213-57	SW - 9	Total/NA	Solid	8021B	110706
890-8213-58	SW - 10	Total/NA	Solid	8021B	110706
890-8213-59	SW - 11	Total/NA	Solid	8021B	110706
890-8213-60	SW - 12	Total/NA	Solid	8021B	110706
MB 880-110706/5-A	Method Blank	Total/NA	Solid	8021B	110706
LCS 880-110706/1-A	Lab Control Sample	Total/NA	Solid	8021B	110706
LCSD 880-110706/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	110706
890-8213-41 MS	CS - 41	Total/NA	Solid	8021B	110706
890-8213-41 MSD	CS - 41	Total/NA	Solid	8021B	110706

Analysis Batch: 110695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-21	CS - 21	Total/NA	Solid	8021B	110704
890-8213-22	CS - 22	Total/NA	Solid	8021B	110704
890-8213-23	CS - 23	Total/NA	Solid	8021B	110704
890-8213-24	CS - 24	Total/NA	Solid	8021B	110704
890-8213-25	CS - 25	Total/NA	Solid	8021B	110704
890-8213-26	CS - 26	Total/NA	Solid	8021B	110704
890-8213-27	CS - 27	Total/NA	Solid	8021B	110704
890-8213-28	CS - 28	Total/NA	Solid	8021B	110704
890-8213-29	CS - 29	Total/NA	Solid	8021B	110704
890-8213-30	CS - 30	Total/NA	Solid	8021B	110704
890-8213-31	CS - 31	Total/NA	Solid	8021B	110704
890-8213-32	CS - 32	Total/NA	Solid	8021B	110704
890-8213-33	CS - 33	Total/NA	Solid	8021B	110704
890-8213-34	CS - 34	Total/NA	Solid	8021B	110704
890-8213-35	CS - 35	Total/NA	Solid	8021B	110704
890-8213-36	CS - 36	Total/NA	Solid	8021B	110704
890-8213-37	CS - 37	Total/NA	Solid	8021B	110704
890-8213-38	CS - 38	Total/NA	Solid	8021B	110704
890-8213-39	CS - 39	Total/NA	Solid	8021B	110704
890-8213-40	CS - 40	Total/NA	Solid	8021B	110704
MB 880-110704/5-A	Method Blank	Total/NA	Solid	8021B	110704
LCS 880-110704/1-A	Lab Control Sample	Total/NA	Solid	8021B	110704
LCSD 880-110704/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	110704

QC Association Summary

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

GC VOA (Continued)

Analysis Batch: 110695 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-21 MS	CS - 21	Total/NA	Solid	8021B	110704
890-8213-21 MSD	CS - 21	Total/NA	Solid	8021B	110704

Analysis Batch: 110696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-1	CS - 1	Total/NA	Solid	8021B	110703
890-8213-2	CS - 2	Total/NA	Solid	8021B	110703
890-8213-3	CS - 3	Total/NA	Solid	8021B	110703
890-8213-4	CS - 4	Total/NA	Solid	8021B	110703
890-8213-5	CS - 5	Total/NA	Solid	8021B	110703
890-8213-6	CS - 6	Total/NA	Solid	8021B	110703
890-8213-7	CS - 7	Total/NA	Solid	8021B	110703
890-8213-8	CS - 8	Total/NA	Solid	8021B	110703
890-8213-9	CS - 9	Total/NA	Solid	8021B	110703
890-8213-10	CS - 10	Total/NA	Solid	8021B	110703
890-8213-11	CS - 11	Total/NA	Solid	8021B	110703
890-8213-12	CS - 12	Total/NA	Solid	8021B	110703
890-8213-13	CS - 13	Total/NA	Solid	8021B	110703
890-8213-14	CS - 14	Total/NA	Solid	8021B	110703
890-8213-15	CS - 15	Total/NA	Solid	8021B	110703
890-8213-16	CS - 16	Total/NA	Solid	8021B	110703
890-8213-17	CS - 17	Total/NA	Solid	8021B	110703
890-8213-18	CS - 18	Total/NA	Solid	8021B	110703
890-8213-19	CS - 19	Total/NA	Solid	8021B	110703
890-8213-20	CS - 20	Total/NA	Solid	8021B	110703
890-8213-61	SW - 13	Total/NA	Solid	8021B	110728
890-8213-62	SW - 14	Total/NA	Solid	8021B	110728
890-8213-63	SW - 15	Total/NA	Solid	8021B	110728
890-8213-64	SW - 16	Total/NA	Solid	8021B	110728
890-8213-65	SW - 17	Total/NA	Solid	8021B	110728
890-8213-66	SW - 18	Total/NA	Solid	8021B	110728
890-8213-67	SW - 19	Total/NA	Solid	8021B	110728
890-8213-68	SW - 20	Total/NA	Solid	8021B	110728
890-8213-69	SW - 21	Total/NA	Solid	8021B	110728
890-8213-70	SW - 22	Total/NA	Solid	8021B	110728
890-8213-71	SW - 23	Total/NA	Solid	8021B	110728
890-8213-72	SW - 24	Total/NA	Solid	8021B	110728
890-8213-73	SW - 25	Total/NA	Solid	8021B	110728
890-8213-74	SW - 26	Total/NA	Solid	8021B	110728
890-8213-75	SW - 27	Total/NA	Solid	8021B	110728
890-8213-76	SW - 28	Total/NA	Solid	8021B	110728
890-8213-77	SW - 29	Total/NA	Solid	8021B	110728
890-8213-78	SW - 30	Total/NA	Solid	8021B	110728
890-8213-79	SW - 31	Total/NA	Solid	8021B	110728
890-8213-80	SW - 32	Total/NA	Solid	8021B	110728
MB 880-110703/5-A	Method Blank	Total/NA	Solid	8021B	110703
MB 880-110728/5-A	Method Blank	Total/NA	Solid	8021B	110728
LCS 880-110703/1-A	Lab Control Sample	Total/NA	Solid	8021B	110703
LCS 880-110728/1-A	Lab Control Sample	Total/NA	Solid	8021B	110728
LCSD 880-110703/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	110703
LCSD 880-110728/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	110728

QC Association Summary

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

GC VOA (Continued)

Analysis Batch: 110696 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-1 MS	CS - 1	Total/NA	Solid	8021B	110703
890-8213-1 MSD	CS - 1	Total/NA	Solid	8021B	110703
890-8213-61 MS	SW - 13	Total/NA	Solid	8021B	110728
890-8213-61 MSD	SW - 13	Total/NA	Solid	8021B	110728

Prep Batch: 110703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-1	CS - 1	Total/NA	Solid	5035	
890-8213-2	CS - 2	Total/NA	Solid	5035	
890-8213-3	CS - 3	Total/NA	Solid	5035	
890-8213-4	CS - 4	Total/NA	Solid	5035	
890-8213-5	CS - 5	Total/NA	Solid	5035	
890-8213-6	CS - 6	Total/NA	Solid	5035	
890-8213-7	CS - 7	Total/NA	Solid	5035	
890-8213-8	CS - 8	Total/NA	Solid	5035	
890-8213-9	CS - 9	Total/NA	Solid	5035	
890-8213-10	CS - 10	Total/NA	Solid	5035	
890-8213-11	CS - 11	Total/NA	Solid	5035	
890-8213-12	CS - 12	Total/NA	Solid	5035	
890-8213-13	CS - 13	Total/NA	Solid	5035	
890-8213-14	CS - 14	Total/NA	Solid	5035	
890-8213-15	CS - 15	Total/NA	Solid	5035	
890-8213-16	CS - 16	Total/NA	Solid	5035	
890-8213-17	CS - 17	Total/NA	Solid	5035	
890-8213-18	CS - 18	Total/NA	Solid	5035	
890-8213-19	CS - 19	Total/NA	Solid	5035	
890-8213-20	CS - 20	Total/NA	Solid	5035	
MB 880-110703/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-110703/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-110703/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8213-1 MS	CS - 1	Total/NA	Solid	5035	
890-8213-1 MSD	CS - 1	Total/NA	Solid	5035	

Prep Batch: 110704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-21	CS - 21	Total/NA	Solid	5035	
890-8213-22	CS - 22	Total/NA	Solid	5035	
890-8213-23	CS - 23	Total/NA	Solid	5035	
890-8213-24	CS - 24	Total/NA	Solid	5035	
890-8213-25	CS - 25	Total/NA	Solid	5035	
890-8213-26	CS - 26	Total/NA	Solid	5035	
890-8213-27	CS - 27	Total/NA	Solid	5035	
890-8213-28	CS - 28	Total/NA	Solid	5035	
890-8213-29	CS - 29	Total/NA	Solid	5035	
890-8213-30	CS - 30	Total/NA	Solid	5035	
890-8213-31	CS - 31	Total/NA	Solid	5035	
890-8213-32	CS - 32	Total/NA	Solid	5035	
890-8213-33	CS - 33	Total/NA	Solid	5035	
890-8213-34	CS - 34	Total/NA	Solid	5035	
890-8213-35	CS - 35	Total/NA	Solid	5035	
890-8213-36	CS - 36	Total/NA	Solid	5035	

QC Association Summary

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

GC VOA (Continued)

Prep Batch: 110704 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-37	CS - 37	Total/NA	Solid	5035	
890-8213-38	CS - 38	Total/NA	Solid	5035	
890-8213-39	CS - 39	Total/NA	Solid	5035	
890-8213-40	CS - 40	Total/NA	Solid	5035	
MB 880-110704/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-110704/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-110704/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8213-21 MS	CS - 21	Total/NA	Solid	5035	
890-8213-21 MSD	CS - 21	Total/NA	Solid	5035	

Prep Batch: 110706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-41	CS - 41	Total/NA	Solid	5035	
890-8213-42	CS - 42	Total/NA	Solid	5035	
890-8213-43	CS - 43	Total/NA	Solid	5035	
890-8213-44	CS - 44	Total/NA	Solid	5035	
890-8213-45	CS - 45	Total/NA	Solid	5035	
890-8213-46	CS - 46	Total/NA	Solid	5035	
890-8213-47	CS - 47	Total/NA	Solid	5035	
890-8213-48	CS - 48	Total/NA	Solid	5035	
890-8213-49	SW - 1	Total/NA	Solid	5035	
890-8213-50	SW - 2	Total/NA	Solid	5035	
890-8213-51	SW - 3	Total/NA	Solid	5035	
890-8213-52	SW - 4	Total/NA	Solid	5035	
890-8213-53	SW - 5	Total/NA	Solid	5035	
890-8213-54	SW - 6	Total/NA	Solid	5035	
890-8213-55	SW - 7	Total/NA	Solid	5035	
890-8213-56	SW - 8	Total/NA	Solid	5035	
890-8213-57	SW - 9	Total/NA	Solid	5035	
890-8213-58	SW - 10	Total/NA	Solid	5035	
890-8213-59	SW - 11	Total/NA	Solid	5035	
890-8213-60	SW - 12	Total/NA	Solid	5035	
MB 880-110706/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-110706/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-110706/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8213-41 MS	CS - 41	Total/NA	Solid	5035	
890-8213-41 MSD	CS - 41	Total/NA	Solid	5035	

Prep Batch: 110716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-81	SW - 33	Total/NA	Solid	5035	
890-8213-82	SW - 34	Total/NA	Solid	5035	
890-8213-83	SW - 35	Total/NA	Solid	5035	
890-8213-84	SW - 36	Total/NA	Solid	5035	
890-8213-85	SW - 37	Total/NA	Solid	5035	
890-8213-86	SW - 38	Total/NA	Solid	5035	
890-8213-87	SW - 39	Total/NA	Solid	5035	
890-8213-88	SW - 40	Total/NA	Solid	5035	
890-8213-89	SW - 41	Total/NA	Solid	5035	
890-8213-90	SW - 42	Total/NA	Solid	5035	
890-8213-91	SW - 43	Total/NA	Solid	5035	

QC Association Summary

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

GC VOA (Continued)

Prep Batch: 110716 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-92	SW - 44	Total/NA	Solid	5035	
890-8213-93	SW - 45	Total/NA	Solid	5035	
890-8213-94	SW - 46	Total/NA	Solid	5035	
890-8213-95	SW - 47	Total/NA	Solid	5035	
890-8213-96	SW - 48	Total/NA	Solid	5035	
890-8213-97	SW - 49	Total/NA	Solid	5035	
890-8213-98	SW - 50	Total/NA	Solid	5035	
890-8213-99	SW - 51	Total/NA	Solid	5035	
890-8213-100	SW - 52	Total/NA	Solid	5035	
MB 880-110716/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-110716/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-110716/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8213-81 MS	SW - 33	Total/NA	Solid	5035	
890-8213-81 MSD	SW - 33	Total/NA	Solid	5035	

Prep Batch: 110721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-101	SW - 53	Total/NA	Solid	5035	
890-8213-102	SW - 54	Total/NA	Solid	5035	
890-8213-103	SW - 55	Total/NA	Solid	5035	
890-8213-104	SW - 56	Total/NA	Solid	5035	
890-8213-105	SW - 57	Total/NA	Solid	5035	
890-8213-106	SW - 58	Total/NA	Solid	5035	
890-8213-107	SW - 59	Total/NA	Solid	5035	
890-8213-108	SW - 60	Total/NA	Solid	5035	
890-8213-109	SW - 61	Total/NA	Solid	5035	
890-8213-110	SW - 62	Total/NA	Solid	5035	
890-8213-111	SW - 63	Total/NA	Solid	5035	
890-8213-112	SW - 64	Total/NA	Solid	5035	
890-8213-113	SW - 65	Total/NA	Solid	5035	
MB 880-110721/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-110721/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-110721/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8213-101 MS	SW - 53	Total/NA	Solid	5035	
890-8213-101 MSD	SW - 53	Total/NA	Solid	5035	

Prep Batch: 110728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-61	SW - 13	Total/NA	Solid	5035	
890-8213-62	SW - 14	Total/NA	Solid	5035	
890-8213-63	SW - 15	Total/NA	Solid	5035	
890-8213-64	SW - 16	Total/NA	Solid	5035	
890-8213-65	SW - 17	Total/NA	Solid	5035	
890-8213-66	SW - 18	Total/NA	Solid	5035	
890-8213-67	SW - 19	Total/NA	Solid	5035	
890-8213-68	SW - 20	Total/NA	Solid	5035	
890-8213-69	SW - 21	Total/NA	Solid	5035	
890-8213-70	SW - 22	Total/NA	Solid	5035	
890-8213-71	SW - 23	Total/NA	Solid	5035	
890-8213-72	SW - 24	Total/NA	Solid	5035	
890-8213-73	SW - 25	Total/NA	Solid	5035	

QC Association Summary

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

GC VOA (Continued)

Prep Batch: 110728 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-74	SW - 26	Total/NA	Solid	5035	
890-8213-75	SW - 27	Total/NA	Solid	5035	
890-8213-76	SW - 28	Total/NA	Solid	5035	
890-8213-77	SW - 29	Total/NA	Solid	5035	
890-8213-78	SW - 30	Total/NA	Solid	5035	
890-8213-79	SW - 31	Total/NA	Solid	5035	
890-8213-80	SW - 32	Total/NA	Solid	5035	
MB 880-110728/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-110728/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-110728/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8213-61 MS	SW - 13	Total/NA	Solid	5035	
890-8213-61 MSD	SW - 13	Total/NA	Solid	5035	

Analysis Batch: 110788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-81	SW - 33	Total/NA	Solid	8021B	110716
890-8213-82	SW - 34	Total/NA	Solid	8021B	110716
890-8213-83	SW - 35	Total/NA	Solid	8021B	110716
890-8213-84	SW - 36	Total/NA	Solid	8021B	110716
890-8213-85	SW - 37	Total/NA	Solid	8021B	110716
890-8213-86	SW - 38	Total/NA	Solid	8021B	110716
890-8213-87	SW - 39	Total/NA	Solid	8021B	110716
890-8213-88	SW - 40	Total/NA	Solid	8021B	110716
890-8213-89	SW - 41	Total/NA	Solid	8021B	110716
890-8213-90	SW - 42	Total/NA	Solid	8021B	110716
890-8213-91	SW - 43	Total/NA	Solid	8021B	110716
890-8213-92	SW - 44	Total/NA	Solid	8021B	110716
890-8213-93	SW - 45	Total/NA	Solid	8021B	110716
890-8213-94	SW - 46	Total/NA	Solid	8021B	110716
890-8213-95	SW - 47	Total/NA	Solid	8021B	110716
890-8213-96	SW - 48	Total/NA	Solid	8021B	110716
890-8213-97	SW - 49	Total/NA	Solid	8021B	110716
890-8213-98	SW - 50	Total/NA	Solid	8021B	110716
890-8213-99	SW - 51	Total/NA	Solid	8021B	110716
890-8213-100	SW - 52	Total/NA	Solid	8021B	110716
MB 880-110716/5-A	Method Blank	Total/NA	Solid	8021B	110716
LCS 880-110716/1-A	Lab Control Sample	Total/NA	Solid	8021B	110716
LCSD 880-110716/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	110716
890-8213-81 MS	SW - 33	Total/NA	Solid	8021B	110716
890-8213-81 MSD	SW - 33	Total/NA	Solid	8021B	110716

Analysis Batch: 110790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-101	SW - 53	Total/NA	Solid	8021B	110721
890-8213-102	SW - 54	Total/NA	Solid	8021B	110721
890-8213-103	SW - 55	Total/NA	Solid	8021B	110721
890-8213-104	SW - 56	Total/NA	Solid	8021B	110721
890-8213-105	SW - 57	Total/NA	Solid	8021B	110721
890-8213-106	SW - 58	Total/NA	Solid	8021B	110721
890-8213-107	SW - 59	Total/NA	Solid	8021B	110721
890-8213-108	SW - 60	Total/NA	Solid	8021B	110721

QC Association Summary

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

GC VOA (Continued)

Analysis Batch: 110790 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-109	SW - 61	Total/NA	Solid	8021B	110721
890-8213-110	SW - 62	Total/NA	Solid	8021B	110721
890-8213-111	SW - 63	Total/NA	Solid	8021B	110721
890-8213-112	SW - 64	Total/NA	Solid	8021B	110721
890-8213-113	SW - 65	Total/NA	Solid	8021B	110721
MB 880-110721/5-A	Method Blank	Total/NA	Solid	8021B	110721
LCS 880-110721/1-A	Lab Control Sample	Total/NA	Solid	8021B	110721
LCSD 880-110721/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	110721
890-8213-101 MS	SW - 53	Total/NA	Solid	8021B	110721
890-8213-101 MSD	SW - 53	Total/NA	Solid	8021B	110721

Analysis Batch: 110885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-1	CS - 1	Total/NA	Solid	Total BTEX	
890-8213-2	CS - 2	Total/NA	Solid	Total BTEX	
890-8213-3	CS - 3	Total/NA	Solid	Total BTEX	
890-8213-4	CS - 4	Total/NA	Solid	Total BTEX	
890-8213-5	CS - 5	Total/NA	Solid	Total BTEX	
890-8213-6	CS - 6	Total/NA	Solid	Total BTEX	
890-8213-7	CS - 7	Total/NA	Solid	Total BTEX	
890-8213-8	CS - 8	Total/NA	Solid	Total BTEX	
890-8213-9	CS - 9	Total/NA	Solid	Total BTEX	
890-8213-10	CS - 10	Total/NA	Solid	Total BTEX	
890-8213-11	CS - 11	Total/NA	Solid	Total BTEX	
890-8213-12	CS - 12	Total/NA	Solid	Total BTEX	
890-8213-13	CS - 13	Total/NA	Solid	Total BTEX	
890-8213-14	CS - 14	Total/NA	Solid	Total BTEX	
890-8213-15	CS - 15	Total/NA	Solid	Total BTEX	
890-8213-16	CS - 16	Total/NA	Solid	Total BTEX	
890-8213-17	CS - 17	Total/NA	Solid	Total BTEX	
890-8213-18	CS - 18	Total/NA	Solid	Total BTEX	
890-8213-19	CS - 19	Total/NA	Solid	Total BTEX	
890-8213-20	CS - 20	Total/NA	Solid	Total BTEX	
890-8213-21	CS - 21	Total/NA	Solid	Total BTEX	
890-8213-22	CS - 22	Total/NA	Solid	Total BTEX	
890-8213-23	CS - 23	Total/NA	Solid	Total BTEX	
890-8213-24	CS - 24	Total/NA	Solid	Total BTEX	
890-8213-25	CS - 25	Total/NA	Solid	Total BTEX	
890-8213-26	CS - 26	Total/NA	Solid	Total BTEX	
890-8213-27	CS - 27	Total/NA	Solid	Total BTEX	
890-8213-28	CS - 28	Total/NA	Solid	Total BTEX	
890-8213-29	CS - 29	Total/NA	Solid	Total BTEX	
890-8213-30	CS - 30	Total/NA	Solid	Total BTEX	
890-8213-31	CS - 31	Total/NA	Solid	Total BTEX	
890-8213-32	CS - 32	Total/NA	Solid	Total BTEX	
890-8213-33	CS - 33	Total/NA	Solid	Total BTEX	
890-8213-34	CS - 34	Total/NA	Solid	Total BTEX	
890-8213-35	CS - 35	Total/NA	Solid	Total BTEX	
890-8213-36	CS - 36	Total/NA	Solid	Total BTEX	
890-8213-37	CS - 37	Total/NA	Solid	Total BTEX	
890-8213-38	CS - 38	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

GC VOA (Continued)

Analysis Batch: 110885 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-39	CS - 39	Total/NA	Solid	Total BTEX	
890-8213-40	CS - 40	Total/NA	Solid	Total BTEX	
890-8213-41	CS - 41	Total/NA	Solid	Total BTEX	
890-8213-42	CS - 42	Total/NA	Solid	Total BTEX	
890-8213-43	CS - 43	Total/NA	Solid	Total BTEX	
890-8213-44	CS - 44	Total/NA	Solid	Total BTEX	
890-8213-45	CS - 45	Total/NA	Solid	Total BTEX	
890-8213-46	CS - 46	Total/NA	Solid	Total BTEX	
890-8213-47	CS - 47	Total/NA	Solid	Total BTEX	
890-8213-48	CS - 48	Total/NA	Solid	Total BTEX	
890-8213-49	SW - 1	Total/NA	Solid	Total BTEX	
890-8213-50	SW - 2	Total/NA	Solid	Total BTEX	
890-8213-51	SW - 3	Total/NA	Solid	Total BTEX	
890-8213-52	SW - 4	Total/NA	Solid	Total BTEX	
890-8213-53	SW - 5	Total/NA	Solid	Total BTEX	
890-8213-54	SW - 6	Total/NA	Solid	Total BTEX	
890-8213-55	SW - 7	Total/NA	Solid	Total BTEX	
890-8213-56	SW - 8	Total/NA	Solid	Total BTEX	
890-8213-57	SW - 9	Total/NA	Solid	Total BTEX	
890-8213-58	SW - 10	Total/NA	Solid	Total BTEX	
890-8213-59	SW - 11	Total/NA	Solid	Total BTEX	
890-8213-60	SW - 12	Total/NA	Solid	Total BTEX	
890-8213-61	SW - 13	Total/NA	Solid	Total BTEX	
890-8213-62	SW - 14	Total/NA	Solid	Total BTEX	
890-8213-63	SW - 15	Total/NA	Solid	Total BTEX	
890-8213-64	SW - 16	Total/NA	Solid	Total BTEX	
890-8213-65	SW - 17	Total/NA	Solid	Total BTEX	
890-8213-66	SW - 18	Total/NA	Solid	Total BTEX	
890-8213-67	SW - 19	Total/NA	Solid	Total BTEX	
890-8213-68	SW - 20	Total/NA	Solid	Total BTEX	
890-8213-69	SW - 21	Total/NA	Solid	Total BTEX	
890-8213-70	SW - 22	Total/NA	Solid	Total BTEX	
890-8213-71	SW - 23	Total/NA	Solid	Total BTEX	
890-8213-72	SW - 24	Total/NA	Solid	Total BTEX	
890-8213-73	SW - 25	Total/NA	Solid	Total BTEX	
890-8213-74	SW - 26	Total/NA	Solid	Total BTEX	
890-8213-75	SW - 27	Total/NA	Solid	Total BTEX	
890-8213-76	SW - 28	Total/NA	Solid	Total BTEX	
890-8213-77	SW - 29	Total/NA	Solid	Total BTEX	
890-8213-78	SW - 30	Total/NA	Solid	Total BTEX	
890-8213-79	SW - 31	Total/NA	Solid	Total BTEX	
890-8213-80	SW - 32	Total/NA	Solid	Total BTEX	
890-8213-81	SW - 33	Total/NA	Solid	Total BTEX	
890-8213-82	SW - 34	Total/NA	Solid	Total BTEX	
890-8213-83	SW - 35	Total/NA	Solid	Total BTEX	
890-8213-84	SW - 36	Total/NA	Solid	Total BTEX	
890-8213-85	SW - 37	Total/NA	Solid	Total BTEX	
890-8213-86	SW - 38	Total/NA	Solid	Total BTEX	
890-8213-87	SW - 39	Total/NA	Solid	Total BTEX	
890-8213-88	SW - 40	Total/NA	Solid	Total BTEX	
890-8213-89	SW - 41	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

GC VOA (Continued)

Analysis Batch: 110885 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-90	SW - 42	Total/NA	Solid	Total BTEX	
890-8213-91	SW - 43	Total/NA	Solid	Total BTEX	
890-8213-92	SW - 44	Total/NA	Solid	Total BTEX	
890-8213-93	SW - 45	Total/NA	Solid	Total BTEX	
890-8213-94	SW - 46	Total/NA	Solid	Total BTEX	
890-8213-95	SW - 47	Total/NA	Solid	Total BTEX	
890-8213-96	SW - 48	Total/NA	Solid	Total BTEX	
890-8213-97	SW - 49	Total/NA	Solid	Total BTEX	
890-8213-98	SW - 50	Total/NA	Solid	Total BTEX	
890-8213-99	SW - 51	Total/NA	Solid	Total BTEX	
890-8213-100	SW - 52	Total/NA	Solid	Total BTEX	
890-8213-101	SW - 53	Total/NA	Solid	Total BTEX	
890-8213-102	SW - 54	Total/NA	Solid	Total BTEX	
890-8213-103	SW - 55	Total/NA	Solid	Total BTEX	
890-8213-104	SW - 56	Total/NA	Solid	Total BTEX	
890-8213-105	SW - 57	Total/NA	Solid	Total BTEX	
890-8213-106	SW - 58	Total/NA	Solid	Total BTEX	
890-8213-107	SW - 59	Total/NA	Solid	Total BTEX	
890-8213-108	SW - 60	Total/NA	Solid	Total BTEX	
890-8213-109	SW - 61	Total/NA	Solid	Total BTEX	
890-8213-110	SW - 62	Total/NA	Solid	Total BTEX	
890-8213-111	SW - 63	Total/NA	Solid	Total BTEX	
890-8213-112	SW - 64	Total/NA	Solid	Total BTEX	
890-8213-113	SW - 65	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 110656

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-1	CS - 1	Total/NA	Solid	8015NM Prep	
890-8213-2	CS - 2	Total/NA	Solid	8015NM Prep	
890-8213-3	CS - 3	Total/NA	Solid	8015NM Prep	
890-8213-4	CS - 4	Total/NA	Solid	8015NM Prep	
890-8213-5	CS - 5	Total/NA	Solid	8015NM Prep	
890-8213-6	CS - 6	Total/NA	Solid	8015NM Prep	
890-8213-7	CS - 7	Total/NA	Solid	8015NM Prep	
890-8213-8	CS - 8	Total/NA	Solid	8015NM Prep	
890-8213-9	CS - 9	Total/NA	Solid	8015NM Prep	
890-8213-10	CS - 10	Total/NA	Solid	8015NM Prep	
890-8213-11	CS - 11	Total/NA	Solid	8015NM Prep	
890-8213-12	CS - 12	Total/NA	Solid	8015NM Prep	
890-8213-13	CS - 13	Total/NA	Solid	8015NM Prep	
890-8213-14	CS - 14	Total/NA	Solid	8015NM Prep	
890-8213-15	CS - 15	Total/NA	Solid	8015NM Prep	
890-8213-16	CS - 16	Total/NA	Solid	8015NM Prep	
890-8213-17	CS - 17	Total/NA	Solid	8015NM Prep	
890-8213-18	CS - 18	Total/NA	Solid	8015NM Prep	
890-8213-19	CS - 19	Total/NA	Solid	8015NM Prep	
890-8213-20	CS - 20	Total/NA	Solid	8015NM Prep	
MB 880-110656/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-110656/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

GC Semi VOA (Continued)

Prep Batch: 110656 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-110656/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8213-1 MS	CS - 1	Total/NA	Solid	8015NM Prep	
890-8213-1 MSD	CS - 1	Total/NA	Solid	8015NM Prep	

Prep Batch: 110657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-21	CS - 21	Total/NA	Solid	8015NM Prep	
890-8213-22	CS - 22	Total/NA	Solid	8015NM Prep	
890-8213-23	CS - 23	Total/NA	Solid	8015NM Prep	
890-8213-24	CS - 24	Total/NA	Solid	8015NM Prep	
890-8213-25	CS - 25	Total/NA	Solid	8015NM Prep	
890-8213-26	CS - 26	Total/NA	Solid	8015NM Prep	
890-8213-27	CS - 27	Total/NA	Solid	8015NM Prep	
890-8213-28	CS - 28	Total/NA	Solid	8015NM Prep	
890-8213-29	CS - 29	Total/NA	Solid	8015NM Prep	
890-8213-30	CS - 30	Total/NA	Solid	8015NM Prep	
890-8213-31	CS - 31	Total/NA	Solid	8015NM Prep	
890-8213-32	CS - 32	Total/NA	Solid	8015NM Prep	
890-8213-33	CS - 33	Total/NA	Solid	8015NM Prep	
890-8213-34	CS - 34	Total/NA	Solid	8015NM Prep	
890-8213-35	CS - 35	Total/NA	Solid	8015NM Prep	
890-8213-36	CS - 36	Total/NA	Solid	8015NM Prep	
890-8213-37	CS - 37	Total/NA	Solid	8015NM Prep	
890-8213-38	CS - 38	Total/NA	Solid	8015NM Prep	
890-8213-39	CS - 39	Total/NA	Solid	8015NM Prep	
890-8213-40	CS - 40	Total/NA	Solid	8015NM Prep	
MB 880-110657/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-110657/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-110657/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8213-21 MS	CS - 21	Total/NA	Solid	8015NM Prep	
890-8213-21 MSD	CS - 21	Total/NA	Solid	8015NM Prep	

Prep Batch: 110658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-41	CS - 41	Total/NA	Solid	8015NM Prep	
890-8213-42	CS - 42	Total/NA	Solid	8015NM Prep	
890-8213-43	CS - 43	Total/NA	Solid	8015NM Prep	
890-8213-44	CS - 44	Total/NA	Solid	8015NM Prep	
890-8213-45	CS - 45	Total/NA	Solid	8015NM Prep	
890-8213-46	CS - 46	Total/NA	Solid	8015NM Prep	
890-8213-47	CS - 47	Total/NA	Solid	8015NM Prep	
890-8213-48	CS - 48	Total/NA	Solid	8015NM Prep	
890-8213-49	SW - 1	Total/NA	Solid	8015NM Prep	
890-8213-50	SW - 2	Total/NA	Solid	8015NM Prep	
890-8213-51	SW - 3	Total/NA	Solid	8015NM Prep	
890-8213-52	SW - 4	Total/NA	Solid	8015NM Prep	
890-8213-53	SW - 5	Total/NA	Solid	8015NM Prep	
890-8213-54	SW - 6	Total/NA	Solid	8015NM Prep	
890-8213-55	SW - 7	Total/NA	Solid	8015NM Prep	
890-8213-56	SW - 8	Total/NA	Solid	8015NM Prep	
890-8213-57	SW - 9	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

GC Semi VOA (Continued)

Prep Batch: 110658 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-58	SW - 10	Total/NA	Solid	8015NM Prep	
890-8213-59	SW - 11	Total/NA	Solid	8015NM Prep	
890-8213-60	SW - 12	Total/NA	Solid	8015NM Prep	
MB 880-110658/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-110658/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-110658/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8213-41 MS	CS - 41	Total/NA	Solid	8015NM Prep	
890-8213-41 MSD	CS - 41	Total/NA	Solid	8015NM Prep	

Prep Batch: 110659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-61	SW - 13	Total/NA	Solid	8015NM Prep	
890-8213-62	SW - 14	Total/NA	Solid	8015NM Prep	
890-8213-63	SW - 15	Total/NA	Solid	8015NM Prep	
890-8213-64	SW - 16	Total/NA	Solid	8015NM Prep	
890-8213-65	SW - 17	Total/NA	Solid	8015NM Prep	
890-8213-66	SW - 18	Total/NA	Solid	8015NM Prep	
890-8213-67	SW - 19	Total/NA	Solid	8015NM Prep	
890-8213-68	SW - 20	Total/NA	Solid	8015NM Prep	
890-8213-69	SW - 21	Total/NA	Solid	8015NM Prep	
890-8213-70	SW - 22	Total/NA	Solid	8015NM Prep	
890-8213-71	SW - 23	Total/NA	Solid	8015NM Prep	
890-8213-72	SW - 24	Total/NA	Solid	8015NM Prep	
890-8213-73	SW - 25	Total/NA	Solid	8015NM Prep	
890-8213-74	SW - 26	Total/NA	Solid	8015NM Prep	
890-8213-75	SW - 27	Total/NA	Solid	8015NM Prep	
890-8213-76	SW - 28	Total/NA	Solid	8015NM Prep	
890-8213-77	SW - 29	Total/NA	Solid	8015NM Prep	
890-8213-78	SW - 30	Total/NA	Solid	8015NM Prep	
890-8213-79	SW - 31	Total/NA	Solid	8015NM Prep	
890-8213-80	SW - 32	Total/NA	Solid	8015NM Prep	
MB 880-110659/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-110659/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-110659/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8213-61 MS	SW - 13	Total/NA	Solid	8015NM Prep	
890-8213-61 MSD	SW - 13	Total/NA	Solid	8015NM Prep	

Prep Batch: 110660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-81	SW - 33	Total/NA	Solid	8015NM Prep	
890-8213-82	SW - 34	Total/NA	Solid	8015NM Prep	
890-8213-83	SW - 35	Total/NA	Solid	8015NM Prep	
890-8213-84	SW - 36	Total/NA	Solid	8015NM Prep	
890-8213-85	SW - 37	Total/NA	Solid	8015NM Prep	
890-8213-86	SW - 38	Total/NA	Solid	8015NM Prep	
890-8213-87	SW - 39	Total/NA	Solid	8015NM Prep	
890-8213-88	SW - 40	Total/NA	Solid	8015NM Prep	
890-8213-89	SW - 41	Total/NA	Solid	8015NM Prep	
890-8213-90	SW - 42	Total/NA	Solid	8015NM Prep	
890-8213-91	SW - 43	Total/NA	Solid	8015NM Prep	
890-8213-92	SW - 44	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

GC Semi VOA (Continued)

Prep Batch: 110660 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-93	SW - 45	Total/NA	Solid	8015NM Prep	
890-8213-94	SW - 46	Total/NA	Solid	8015NM Prep	
890-8213-95	SW - 47	Total/NA	Solid	8015NM Prep	
890-8213-96	SW - 48	Total/NA	Solid	8015NM Prep	
890-8213-97	SW - 49	Total/NA	Solid	8015NM Prep	
890-8213-98	SW - 50	Total/NA	Solid	8015NM Prep	
890-8213-99	SW - 51	Total/NA	Solid	8015NM Prep	
890-8213-100	SW - 52	Total/NA	Solid	8015NM Prep	
MB 880-110660/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-110660/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-110660/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8213-81 MS	SW - 33	Total/NA	Solid	8015NM Prep	
890-8213-81 MSD	SW - 33	Total/NA	Solid	8015NM Prep	

Prep Batch: 110661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-101	SW - 53	Total/NA	Solid	8015NM Prep	
890-8213-102	SW - 54	Total/NA	Solid	8015NM Prep	
890-8213-103	SW - 55	Total/NA	Solid	8015NM Prep	
890-8213-104	SW - 56	Total/NA	Solid	8015NM Prep	
890-8213-105	SW - 57	Total/NA	Solid	8015NM Prep	
890-8213-106	SW - 58	Total/NA	Solid	8015NM Prep	
890-8213-107	SW - 59	Total/NA	Solid	8015NM Prep	
890-8213-108	SW - 60	Total/NA	Solid	8015NM Prep	
890-8213-109	SW - 61	Total/NA	Solid	8015NM Prep	
890-8213-110	SW - 62	Total/NA	Solid	8015NM Prep	
890-8213-111	SW - 63	Total/NA	Solid	8015NM Prep	
890-8213-112	SW - 64	Total/NA	Solid	8015NM Prep	
890-8213-113	SW - 65	Total/NA	Solid	8015NM Prep	
MB 880-110661/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-110661/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-110661/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8213-101 MS	SW - 53	Total/NA	Solid	8015NM Prep	
890-8213-101 MSD	SW - 53	Total/NA	Solid	8015NM Prep	

Analysis Batch: 110959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-41	CS - 41	Total/NA	Solid	8015B NM	110658
890-8213-42	CS - 42	Total/NA	Solid	8015B NM	110658
890-8213-43	CS - 43	Total/NA	Solid	8015B NM	110658
890-8213-44	CS - 44	Total/NA	Solid	8015B NM	110658
890-8213-45	CS - 45	Total/NA	Solid	8015B NM	110658
890-8213-46	CS - 46	Total/NA	Solid	8015B NM	110658
890-8213-47	CS - 47	Total/NA	Solid	8015B NM	110658
890-8213-48	CS - 48	Total/NA	Solid	8015B NM	110658
890-8213-49	SW - 1	Total/NA	Solid	8015B NM	110658
890-8213-50	SW - 2	Total/NA	Solid	8015B NM	110658
890-8213-51	SW - 3	Total/NA	Solid	8015B NM	110658
890-8213-52	SW - 4	Total/NA	Solid	8015B NM	110658
890-8213-53	SW - 5	Total/NA	Solid	8015B NM	110658
890-8213-54	SW - 6	Total/NA	Solid	8015B NM	110658

QC Association Summary

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

GC Semi VOA (Continued)

Analysis Batch: 110959 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-55	SW - 7	Total/NA	Solid	8015B NM	110658
890-8213-56	SW - 8	Total/NA	Solid	8015B NM	110658
890-8213-57	SW - 9	Total/NA	Solid	8015B NM	110658
890-8213-58	SW - 10	Total/NA	Solid	8015B NM	110658
890-8213-59	SW - 11	Total/NA	Solid	8015B NM	110658
890-8213-60	SW - 12	Total/NA	Solid	8015B NM	110658
890-8213-61	SW - 13	Total/NA	Solid	8015B NM	110659
890-8213-62	SW - 14	Total/NA	Solid	8015B NM	110659
890-8213-63	SW - 15	Total/NA	Solid	8015B NM	110659
890-8213-64	SW - 16	Total/NA	Solid	8015B NM	110659
890-8213-65	SW - 17	Total/NA	Solid	8015B NM	110659
890-8213-66	SW - 18	Total/NA	Solid	8015B NM	110659
890-8213-67	SW - 19	Total/NA	Solid	8015B NM	110659
890-8213-68	SW - 20	Total/NA	Solid	8015B NM	110659
890-8213-69	SW - 21	Total/NA	Solid	8015B NM	110659
890-8213-70	SW - 22	Total/NA	Solid	8015B NM	110659
890-8213-71	SW - 23	Total/NA	Solid	8015B NM	110659
890-8213-72	SW - 24	Total/NA	Solid	8015B NM	110659
890-8213-73	SW - 25	Total/NA	Solid	8015B NM	110659
890-8213-74	SW - 26	Total/NA	Solid	8015B NM	110659
890-8213-75	SW - 27	Total/NA	Solid	8015B NM	110659
890-8213-76	SW - 28	Total/NA	Solid	8015B NM	110659
890-8213-77	SW - 29	Total/NA	Solid	8015B NM	110659
890-8213-78	SW - 30	Total/NA	Solid	8015B NM	110659
890-8213-79	SW - 31	Total/NA	Solid	8015B NM	110659
890-8213-80	SW - 32	Total/NA	Solid	8015B NM	110659
MB 880-110658/1-A	Method Blank	Total/NA	Solid	8015B NM	110658
MB 880-110659/1-A	Method Blank	Total/NA	Solid	8015B NM	110659
LCS 880-110658/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	110658
LCS 880-110659/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	110659
LCSD 880-110658/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	110658
LCSD 880-110659/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	110659
890-8213-41 MS	CS - 41	Total/NA	Solid	8015B NM	110658
890-8213-41 MSD	CS - 41	Total/NA	Solid	8015B NM	110658
890-8213-61 MS	SW - 13	Total/NA	Solid	8015B NM	110659
890-8213-61 MSD	SW - 13	Total/NA	Solid	8015B NM	110659

Analysis Batch: 110968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-1	CS - 1	Total/NA	Solid	8015B NM	110656
890-8213-2	CS - 2	Total/NA	Solid	8015B NM	110656
890-8213-3	CS - 3	Total/NA	Solid	8015B NM	110656
890-8213-4	CS - 4	Total/NA	Solid	8015B NM	110656
890-8213-5	CS - 5	Total/NA	Solid	8015B NM	110656
890-8213-6	CS - 6	Total/NA	Solid	8015B NM	110656
890-8213-7	CS - 7	Total/NA	Solid	8015B NM	110656
890-8213-8	CS - 8	Total/NA	Solid	8015B NM	110656
890-8213-9	CS - 9	Total/NA	Solid	8015B NM	110656
890-8213-10	CS - 10	Total/NA	Solid	8015B NM	110656
890-8213-11	CS - 11	Total/NA	Solid	8015B NM	110656
890-8213-12	CS - 12	Total/NA	Solid	8015B NM	110656

QC Association Summary

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

GC Semi VOA (Continued)

Analysis Batch: 110968 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-13	CS - 13	Total/NA	Solid	8015B NM	110656
890-8213-14	CS - 14	Total/NA	Solid	8015B NM	110656
890-8213-15	CS - 15	Total/NA	Solid	8015B NM	110656
890-8213-16	CS - 16	Total/NA	Solid	8015B NM	110656
890-8213-17	CS - 17	Total/NA	Solid	8015B NM	110656
890-8213-18	CS - 18	Total/NA	Solid	8015B NM	110656
890-8213-19	CS - 19	Total/NA	Solid	8015B NM	110656
890-8213-20	CS - 20	Total/NA	Solid	8015B NM	110656
890-8213-81	SW - 33	Total/NA	Solid	8015B NM	110660
890-8213-82	SW - 34	Total/NA	Solid	8015B NM	110660
890-8213-83	SW - 35	Total/NA	Solid	8015B NM	110660
890-8213-84	SW - 36	Total/NA	Solid	8015B NM	110660
890-8213-85	SW - 37	Total/NA	Solid	8015B NM	110660
890-8213-86	SW - 38	Total/NA	Solid	8015B NM	110660
890-8213-87	SW - 39	Total/NA	Solid	8015B NM	110660
890-8213-88	SW - 40	Total/NA	Solid	8015B NM	110660
890-8213-89	SW - 41	Total/NA	Solid	8015B NM	110660
890-8213-90	SW - 42	Total/NA	Solid	8015B NM	110660
890-8213-91	SW - 43	Total/NA	Solid	8015B NM	110660
890-8213-92	SW - 44	Total/NA	Solid	8015B NM	110660
890-8213-93	SW - 45	Total/NA	Solid	8015B NM	110660
890-8213-94	SW - 46	Total/NA	Solid	8015B NM	110660
890-8213-95	SW - 47	Total/NA	Solid	8015B NM	110660
890-8213-96	SW - 48	Total/NA	Solid	8015B NM	110660
890-8213-97	SW - 49	Total/NA	Solid	8015B NM	110660
890-8213-98	SW - 50	Total/NA	Solid	8015B NM	110660
890-8213-99	SW - 51	Total/NA	Solid	8015B NM	110660
890-8213-100	SW - 52	Total/NA	Solid	8015B NM	110660
MB 880-110656/1-A	Method Blank	Total/NA	Solid	8015B NM	110656
MB 880-110660/1-A	Method Blank	Total/NA	Solid	8015B NM	110660
LCS 880-110656/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	110656
LCS 880-110660/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	110660
LCSD 880-110656/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	110656
LCSD 880-110660/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	110660
890-8213-1 MS	CS - 1	Total/NA	Solid	8015B NM	110656
890-8213-1 MSD	CS - 1	Total/NA	Solid	8015B NM	110656
890-8213-81 MS	SW - 33	Total/NA	Solid	8015B NM	110660
890-8213-81 MSD	SW - 33	Total/NA	Solid	8015B NM	110660

Analysis Batch: 110970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-21	CS - 21	Total/NA	Solid	8015B NM	110657
890-8213-22	CS - 22	Total/NA	Solid	8015B NM	110657
890-8213-23	CS - 23	Total/NA	Solid	8015B NM	110657
890-8213-24	CS - 24	Total/NA	Solid	8015B NM	110657
890-8213-25	CS - 25	Total/NA	Solid	8015B NM	110657
890-8213-26	CS - 26	Total/NA	Solid	8015B NM	110657
890-8213-27	CS - 27	Total/NA	Solid	8015B NM	110657
890-8213-28	CS - 28	Total/NA	Solid	8015B NM	110657
890-8213-29	CS - 29	Total/NA	Solid	8015B NM	110657
890-8213-30	CS - 30	Total/NA	Solid	8015B NM	110657

QC Association Summary

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

GC Semi VOA (Continued)

Analysis Batch: 110970 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-31	CS - 31	Total/NA	Solid	8015B NM	110657
890-8213-32	CS - 32	Total/NA	Solid	8015B NM	110657
890-8213-33	CS - 33	Total/NA	Solid	8015B NM	110657
890-8213-34	CS - 34	Total/NA	Solid	8015B NM	110657
890-8213-35	CS - 35	Total/NA	Solid	8015B NM	110657
890-8213-36	CS - 36	Total/NA	Solid	8015B NM	110657
890-8213-37	CS - 37	Total/NA	Solid	8015B NM	110657
890-8213-38	CS - 38	Total/NA	Solid	8015B NM	110657
890-8213-39	CS - 39	Total/NA	Solid	8015B NM	110657
890-8213-40	CS - 40	Total/NA	Solid	8015B NM	110657
890-8213-101	SW - 53	Total/NA	Solid	8015B NM	110661
890-8213-102	SW - 54	Total/NA	Solid	8015B NM	110661
890-8213-103	SW - 55	Total/NA	Solid	8015B NM	110661
890-8213-104	SW - 56	Total/NA	Solid	8015B NM	110661
890-8213-105	SW - 57	Total/NA	Solid	8015B NM	110661
890-8213-106	SW - 58	Total/NA	Solid	8015B NM	110661
890-8213-107	SW - 59	Total/NA	Solid	8015B NM	110661
890-8213-108	SW - 60	Total/NA	Solid	8015B NM	110661
890-8213-109	SW - 61	Total/NA	Solid	8015B NM	110661
890-8213-110	SW - 62	Total/NA	Solid	8015B NM	110661
890-8213-111	SW - 63	Total/NA	Solid	8015B NM	110661
890-8213-112	SW - 64	Total/NA	Solid	8015B NM	110661
890-8213-113	SW - 65	Total/NA	Solid	8015B NM	110661
MB 880-110657/1-A	Method Blank	Total/NA	Solid	8015B NM	110657
MB 880-110661/1-A	Method Blank	Total/NA	Solid	8015B NM	110661
LCS 880-110657/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	110657
LCS 880-110661/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	110661
LCSD 880-110657/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	110657
LCSD 880-110661/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	110661
890-8213-21 MS	CS - 21	Total/NA	Solid	8015B NM	110657
890-8213-21 MSD	CS - 21	Total/NA	Solid	8015B NM	110657
890-8213-101 MS	SW - 53	Total/NA	Solid	8015B NM	110661
890-8213-101 MSD	SW - 53	Total/NA	Solid	8015B NM	110661

Analysis Batch: 111051

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-1	CS - 1	Total/NA	Solid	8015 NM	
890-8213-2	CS - 2	Total/NA	Solid	8015 NM	
890-8213-3	CS - 3	Total/NA	Solid	8015 NM	
890-8213-4	CS - 4	Total/NA	Solid	8015 NM	
890-8213-5	CS - 5	Total/NA	Solid	8015 NM	
890-8213-6	CS - 6	Total/NA	Solid	8015 NM	
890-8213-7	CS - 7	Total/NA	Solid	8015 NM	
890-8213-8	CS - 8	Total/NA	Solid	8015 NM	
890-8213-9	CS - 9	Total/NA	Solid	8015 NM	
890-8213-10	CS - 10	Total/NA	Solid	8015 NM	
890-8213-11	CS - 11	Total/NA	Solid	8015 NM	
890-8213-12	CS - 12	Total/NA	Solid	8015 NM	
890-8213-13	CS - 13	Total/NA	Solid	8015 NM	
890-8213-14	CS - 14	Total/NA	Solid	8015 NM	
890-8213-15	CS - 15	Total/NA	Solid	8015 NM	

QC Association Summary

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

GC Semi VOA (Continued)

Analysis Batch: 111051 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-16	CS - 16	Total/NA	Solid	8015 NM	
890-8213-17	CS - 17	Total/NA	Solid	8015 NM	
890-8213-18	CS - 18	Total/NA	Solid	8015 NM	
890-8213-19	CS - 19	Total/NA	Solid	8015 NM	
890-8213-20	CS - 20	Total/NA	Solid	8015 NM	
890-8213-21	CS - 21	Total/NA	Solid	8015 NM	
890-8213-22	CS - 22	Total/NA	Solid	8015 NM	
890-8213-23	CS - 23	Total/NA	Solid	8015 NM	
890-8213-24	CS - 24	Total/NA	Solid	8015 NM	
890-8213-25	CS - 25	Total/NA	Solid	8015 NM	
890-8213-26	CS - 26	Total/NA	Solid	8015 NM	
890-8213-27	CS - 27	Total/NA	Solid	8015 NM	
890-8213-28	CS - 28	Total/NA	Solid	8015 NM	
890-8213-29	CS - 29	Total/NA	Solid	8015 NM	
890-8213-30	CS - 30	Total/NA	Solid	8015 NM	
890-8213-31	CS - 31	Total/NA	Solid	8015 NM	
890-8213-32	CS - 32	Total/NA	Solid	8015 NM	
890-8213-33	CS - 33	Total/NA	Solid	8015 NM	
890-8213-34	CS - 34	Total/NA	Solid	8015 NM	
890-8213-35	CS - 35	Total/NA	Solid	8015 NM	
890-8213-36	CS - 36	Total/NA	Solid	8015 NM	
890-8213-37	CS - 37	Total/NA	Solid	8015 NM	
890-8213-38	CS - 38	Total/NA	Solid	8015 NM	
890-8213-39	CS - 39	Total/NA	Solid	8015 NM	
890-8213-40	CS - 40	Total/NA	Solid	8015 NM	
890-8213-41	CS - 41	Total/NA	Solid	8015 NM	
890-8213-42	CS - 42	Total/NA	Solid	8015 NM	
890-8213-43	CS - 43	Total/NA	Solid	8015 NM	
890-8213-44	CS - 44	Total/NA	Solid	8015 NM	
890-8213-45	CS - 45	Total/NA	Solid	8015 NM	
890-8213-46	CS - 46	Total/NA	Solid	8015 NM	
890-8213-47	CS - 47	Total/NA	Solid	8015 NM	
890-8213-48	CS - 48	Total/NA	Solid	8015 NM	
890-8213-49	SW - 1	Total/NA	Solid	8015 NM	
890-8213-50	SW - 2	Total/NA	Solid	8015 NM	
890-8213-51	SW - 3	Total/NA	Solid	8015 NM	
890-8213-52	SW - 4	Total/NA	Solid	8015 NM	
890-8213-53	SW - 5	Total/NA	Solid	8015 NM	
890-8213-54	SW - 6	Total/NA	Solid	8015 NM	
890-8213-55	SW - 7	Total/NA	Solid	8015 NM	
890-8213-56	SW - 8	Total/NA	Solid	8015 NM	
890-8213-57	SW - 9	Total/NA	Solid	8015 NM	
890-8213-58	SW - 10	Total/NA	Solid	8015 NM	
890-8213-59	SW - 11	Total/NA	Solid	8015 NM	
890-8213-60	SW - 12	Total/NA	Solid	8015 NM	
890-8213-61	SW - 13	Total/NA	Solid	8015 NM	
890-8213-62	SW - 14	Total/NA	Solid	8015 NM	
890-8213-63	SW - 15	Total/NA	Solid	8015 NM	
890-8213-64	SW - 16	Total/NA	Solid	8015 NM	
890-8213-65	SW - 17	Total/NA	Solid	8015 NM	
890-8213-66	SW - 18	Total/NA	Solid	8015 NM	

QC Association Summary

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

GC Semi VOA (Continued)

Analysis Batch: 111051 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-67	SW - 19	Total/NA	Solid	8015 NM	
890-8213-68	SW - 20	Total/NA	Solid	8015 NM	
890-8213-69	SW - 21	Total/NA	Solid	8015 NM	
890-8213-70	SW - 22	Total/NA	Solid	8015 NM	
890-8213-71	SW - 23	Total/NA	Solid	8015 NM	
890-8213-72	SW - 24	Total/NA	Solid	8015 NM	
890-8213-73	SW - 25	Total/NA	Solid	8015 NM	
890-8213-74	SW - 26	Total/NA	Solid	8015 NM	
890-8213-75	SW - 27	Total/NA	Solid	8015 NM	
890-8213-76	SW - 28	Total/NA	Solid	8015 NM	
890-8213-77	SW - 29	Total/NA	Solid	8015 NM	
890-8213-78	SW - 30	Total/NA	Solid	8015 NM	
890-8213-79	SW - 31	Total/NA	Solid	8015 NM	
890-8213-80	SW - 32	Total/NA	Solid	8015 NM	
890-8213-81	SW - 33	Total/NA	Solid	8015 NM	
890-8213-82	SW - 34	Total/NA	Solid	8015 NM	
890-8213-83	SW - 35	Total/NA	Solid	8015 NM	
890-8213-84	SW - 36	Total/NA	Solid	8015 NM	
890-8213-85	SW - 37	Total/NA	Solid	8015 NM	
890-8213-86	SW - 38	Total/NA	Solid	8015 NM	
890-8213-87	SW - 39	Total/NA	Solid	8015 NM	
890-8213-88	SW - 40	Total/NA	Solid	8015 NM	
890-8213-89	SW - 41	Total/NA	Solid	8015 NM	
890-8213-90	SW - 42	Total/NA	Solid	8015 NM	
890-8213-91	SW - 43	Total/NA	Solid	8015 NM	
890-8213-92	SW - 44	Total/NA	Solid	8015 NM	
890-8213-93	SW - 45	Total/NA	Solid	8015 NM	
890-8213-94	SW - 46	Total/NA	Solid	8015 NM	
890-8213-95	SW - 47	Total/NA	Solid	8015 NM	
890-8213-96	SW - 48	Total/NA	Solid	8015 NM	
890-8213-97	SW - 49	Total/NA	Solid	8015 NM	
890-8213-98	SW - 50	Total/NA	Solid	8015 NM	
890-8213-99	SW - 51	Total/NA	Solid	8015 NM	
890-8213-100	SW - 52	Total/NA	Solid	8015 NM	
890-8213-101	SW - 53	Total/NA	Solid	8015 NM	
890-8213-102	SW - 54	Total/NA	Solid	8015 NM	
890-8213-103	SW - 55	Total/NA	Solid	8015 NM	
890-8213-104	SW - 56	Total/NA	Solid	8015 NM	
890-8213-105	SW - 57	Total/NA	Solid	8015 NM	
890-8213-106	SW - 58	Total/NA	Solid	8015 NM	
890-8213-107	SW - 59	Total/NA	Solid	8015 NM	
890-8213-108	SW - 60	Total/NA	Solid	8015 NM	
890-8213-109	SW - 61	Total/NA	Solid	8015 NM	
890-8213-110	SW - 62	Total/NA	Solid	8015 NM	
890-8213-111	SW - 63	Total/NA	Solid	8015 NM	
890-8213-112	SW - 64	Total/NA	Solid	8015 NM	
890-8213-113	SW - 65	Total/NA	Solid	8015 NM	

QC Association Summary

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

HPLC/IC

Leach Batch: 110652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-1	CS - 1	Soluble	Solid	DI Leach	
890-8213-2	CS - 2	Soluble	Solid	DI Leach	
890-8213-3	CS - 3	Soluble	Solid	DI Leach	
890-8213-4	CS - 4	Soluble	Solid	DI Leach	
890-8213-5	CS - 5	Soluble	Solid	DI Leach	
890-8213-6	CS - 6	Soluble	Solid	DI Leach	
890-8213-7	CS - 7	Soluble	Solid	DI Leach	
890-8213-8	CS - 8	Soluble	Solid	DI Leach	
890-8213-9	CS - 9	Soluble	Solid	DI Leach	
890-8213-10	CS - 10	Soluble	Solid	DI Leach	
890-8213-11	CS - 11	Soluble	Solid	DI Leach	
890-8213-12	CS - 12	Soluble	Solid	DI Leach	
890-8213-13	CS - 13	Soluble	Solid	DI Leach	
890-8213-14	CS - 14	Soluble	Solid	DI Leach	
890-8213-15	CS - 15	Soluble	Solid	DI Leach	
MB 880-110652/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-110652/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-110652/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8213-6 MS	CS - 6	Soluble	Solid	DI Leach	
890-8213-6 MSD	CS - 6	Soluble	Solid	DI Leach	

Leach Batch: 110662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-16	CS - 16	Soluble	Solid	DI Leach	
890-8213-17	CS - 17	Soluble	Solid	DI Leach	
890-8213-18	CS - 18	Soluble	Solid	DI Leach	
890-8213-19	CS - 19	Soluble	Solid	DI Leach	
890-8213-20	CS - 20	Soluble	Solid	DI Leach	
890-8213-21	CS - 21	Soluble	Solid	DI Leach	
890-8213-22	CS - 22	Soluble	Solid	DI Leach	
890-8213-23	CS - 23	Soluble	Solid	DI Leach	
890-8213-24	CS - 24	Soluble	Solid	DI Leach	
890-8213-25	CS - 25	Soluble	Solid	DI Leach	
890-8213-26	CS - 26	Soluble	Solid	DI Leach	
890-8213-27	CS - 27	Soluble	Solid	DI Leach	
890-8213-28	CS - 28	Soluble	Solid	DI Leach	
890-8213-29	CS - 29	Soluble	Solid	DI Leach	
890-8213-30	CS - 30	Soluble	Solid	DI Leach	
890-8213-31	CS - 31	Soluble	Solid	DI Leach	
890-8213-32	CS - 32	Soluble	Solid	DI Leach	
890-8213-33	CS - 33	Soluble	Solid	DI Leach	
890-8213-34	CS - 34	Soluble	Solid	DI Leach	
890-8213-35	CS - 35	Soluble	Solid	DI Leach	
MB 880-110662/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-110662/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-110662/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8213-16 MS	CS - 16	Soluble	Solid	DI Leach	
890-8213-16 MSD	CS - 16	Soluble	Solid	DI Leach	
890-8213-26 MS	CS - 26	Soluble	Solid	DI Leach	
890-8213-26 MSD	CS - 26	Soluble	Solid	DI Leach	

QC Association Summary

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

HPLC/IC

Leach Batch: 110665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-36	CS - 36	Soluble	Solid	DI Leach	
890-8213-37	CS - 37	Soluble	Solid	DI Leach	
890-8213-38	CS - 38	Soluble	Solid	DI Leach	
890-8213-39	CS - 39	Soluble	Solid	DI Leach	
890-8213-40	CS - 40	Soluble	Solid	DI Leach	
890-8213-41	CS - 41	Soluble	Solid	DI Leach	
890-8213-42	CS - 42	Soluble	Solid	DI Leach	
890-8213-43	CS - 43	Soluble	Solid	DI Leach	
890-8213-44	CS - 44	Soluble	Solid	DI Leach	
890-8213-45	CS - 45	Soluble	Solid	DI Leach	
890-8213-46	CS - 46	Soluble	Solid	DI Leach	
890-8213-47	CS - 47	Soluble	Solid	DI Leach	
890-8213-48	CS - 48	Soluble	Solid	DI Leach	
890-8213-49	SW - 1	Soluble	Solid	DI Leach	
890-8213-50	SW - 2	Soluble	Solid	DI Leach	
890-8213-51	SW - 3	Soluble	Solid	DI Leach	
890-8213-52	SW - 4	Soluble	Solid	DI Leach	
890-8213-53	SW - 5	Soluble	Solid	DI Leach	
890-8213-54	SW - 6	Soluble	Solid	DI Leach	
890-8213-55	SW - 7	Soluble	Solid	DI Leach	
MB 880-110665/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-110665/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-110665/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8213-36 MS	CS - 36	Soluble	Solid	DI Leach	
890-8213-36 MSD	CS - 36	Soluble	Solid	DI Leach	
890-8213-46 MS	CS - 46	Soluble	Solid	DI Leach	
890-8213-46 MSD	CS - 46	Soluble	Solid	DI Leach	

Leach Batch: 110666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-56	SW - 8	Soluble	Solid	DI Leach	
890-8213-57	SW - 9	Soluble	Solid	DI Leach	
890-8213-58	SW - 10	Soluble	Solid	DI Leach	
890-8213-59	SW - 11	Soluble	Solid	DI Leach	
890-8213-60	SW - 12	Soluble	Solid	DI Leach	
890-8213-61	SW - 13	Soluble	Solid	DI Leach	
890-8213-62	SW - 14	Soluble	Solid	DI Leach	
890-8213-63	SW - 15	Soluble	Solid	DI Leach	
890-8213-64	SW - 16	Soluble	Solid	DI Leach	
890-8213-65	SW - 17	Soluble	Solid	DI Leach	
890-8213-66	SW - 18	Soluble	Solid	DI Leach	
890-8213-67	SW - 19	Soluble	Solid	DI Leach	
890-8213-68	SW - 20	Soluble	Solid	DI Leach	
890-8213-69	SW - 21	Soluble	Solid	DI Leach	
890-8213-70	SW - 22	Soluble	Solid	DI Leach	
890-8213-71	SW - 23	Soluble	Solid	DI Leach	
890-8213-72	SW - 24	Soluble	Solid	DI Leach	
890-8213-73	SW - 25	Soluble	Solid	DI Leach	
890-8213-74	SW - 26	Soluble	Solid	DI Leach	
890-8213-75	SW - 27	Soluble	Solid	DI Leach	
MB 880-110666/1-A	Method Blank	Soluble	Solid	DI Leach	

QC Association Summary

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

HPLC/IC (Continued)

Leach Batch: 110666 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-110666/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-110666/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8213-56 MS	SW - 8	Soluble	Solid	DI Leach	
890-8213-56 MSD	SW - 8	Soluble	Solid	DI Leach	
890-8213-66 MS	SW - 18	Soluble	Solid	DI Leach	
890-8213-66 MSD	SW - 18	Soluble	Solid	DI Leach	

Leach Batch: 110669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-76	SW - 28	Soluble	Solid	DI Leach	
890-8213-77	SW - 29	Soluble	Solid	DI Leach	
890-8213-78	SW - 30	Soluble	Solid	DI Leach	
890-8213-79	SW - 31	Soluble	Solid	DI Leach	
890-8213-80	SW - 32	Soluble	Solid	DI Leach	
890-8213-81	SW - 33	Soluble	Solid	DI Leach	
890-8213-82	SW - 34	Soluble	Solid	DI Leach	
890-8213-83	SW - 35	Soluble	Solid	DI Leach	
890-8213-84	SW - 36	Soluble	Solid	DI Leach	
890-8213-85	SW - 37	Soluble	Solid	DI Leach	
890-8213-86	SW - 38	Soluble	Solid	DI Leach	
890-8213-87	SW - 39	Soluble	Solid	DI Leach	
890-8213-88	SW - 40	Soluble	Solid	DI Leach	
890-8213-89	SW - 41	Soluble	Solid	DI Leach	
890-8213-90	SW - 42	Soluble	Solid	DI Leach	
890-8213-91	SW - 43	Soluble	Solid	DI Leach	
890-8213-92	SW - 44	Soluble	Solid	DI Leach	
890-8213-93	SW - 45	Soluble	Solid	DI Leach	
890-8213-94	SW - 46	Soluble	Solid	DI Leach	
890-8213-95	SW - 47	Soluble	Solid	DI Leach	
MB 880-110669/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-110669/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-110669/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8213-76 MS	SW - 28	Soluble	Solid	DI Leach	
890-8213-76 MSD	SW - 28	Soluble	Solid	DI Leach	
890-8213-86 MS	SW - 38	Soluble	Solid	DI Leach	
890-8213-86 MSD	SW - 38	Soluble	Solid	DI Leach	

Leach Batch: 110670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-96	SW - 48	Soluble	Solid	DI Leach	
890-8213-97	SW - 49	Soluble	Solid	DI Leach	
890-8213-98	SW - 50	Soluble	Solid	DI Leach	
890-8213-99	SW - 51	Soluble	Solid	DI Leach	
890-8213-100	SW - 52	Soluble	Solid	DI Leach	
890-8213-101	SW - 53	Soluble	Solid	DI Leach	
890-8213-102	SW - 54	Soluble	Solid	DI Leach	
890-8213-103	SW - 55	Soluble	Solid	DI Leach	
890-8213-104	SW - 56	Soluble	Solid	DI Leach	
890-8213-105	SW - 57	Soluble	Solid	DI Leach	
890-8213-106	SW - 58	Soluble	Solid	DI Leach	
890-8213-107	SW - 59	Soluble	Solid	DI Leach	

QC Association Summary

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

HPLC/IC (Continued)

Leach Batch: 110670 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-108	SW - 60	Soluble	Solid	DI Leach	
890-8213-109	SW - 61	Soluble	Solid	DI Leach	
890-8213-110	SW - 62	Soluble	Solid	DI Leach	
890-8213-111	SW - 63	Soluble	Solid	DI Leach	
890-8213-112	SW - 64	Soluble	Solid	DI Leach	
890-8213-113	SW - 65	Soluble	Solid	DI Leach	
MB 880-110670/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-110670/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-110670/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8213-96 MS	SW - 48	Soluble	Solid	DI Leach	
890-8213-96 MSD	SW - 48	Soluble	Solid	DI Leach	
890-8213-106 MS	SW - 58	Soluble	Solid	DI Leach	
890-8213-106 MSD	SW - 58	Soluble	Solid	DI Leach	

Analysis Batch: 110710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-1	CS - 1	Soluble	Solid	300.0	110652
890-8213-2	CS - 2	Soluble	Solid	300.0	110652
890-8213-3	CS - 3	Soluble	Solid	300.0	110652
890-8213-4	CS - 4	Soluble	Solid	300.0	110652
890-8213-5	CS - 5	Soluble	Solid	300.0	110652
890-8213-6	CS - 6	Soluble	Solid	300.0	110652
890-8213-7	CS - 7	Soluble	Solid	300.0	110652
890-8213-8	CS - 8	Soluble	Solid	300.0	110652
890-8213-9	CS - 9	Soluble	Solid	300.0	110652
890-8213-10	CS - 10	Soluble	Solid	300.0	110652
890-8213-11	CS - 11	Soluble	Solid	300.0	110652
890-8213-12	CS - 12	Soluble	Solid	300.0	110652
890-8213-13	CS - 13	Soluble	Solid	300.0	110652
890-8213-14	CS - 14	Soluble	Solid	300.0	110652
890-8213-15	CS - 15	Soluble	Solid	300.0	110652
MB 880-110652/1-A	Method Blank	Soluble	Solid	300.0	110652
LCS 880-110652/2-A	Lab Control Sample	Soluble	Solid	300.0	110652
LCSD 880-110652/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	110652
890-8213-6 MS	CS - 6	Soluble	Solid	300.0	110652
890-8213-6 MSD	CS - 6	Soluble	Solid	300.0	110652

Analysis Batch: 110743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-16	CS - 16	Soluble	Solid	300.0	110662
890-8213-17	CS - 17	Soluble	Solid	300.0	110662
890-8213-18	CS - 18	Soluble	Solid	300.0	110662
890-8213-19	CS - 19	Soluble	Solid	300.0	110662
890-8213-20	CS - 20	Soluble	Solid	300.0	110662
890-8213-21	CS - 21	Soluble	Solid	300.0	110662
890-8213-22	CS - 22	Soluble	Solid	300.0	110662
890-8213-23	CS - 23	Soluble	Solid	300.0	110662
890-8213-24	CS - 24	Soluble	Solid	300.0	110662
890-8213-25	CS - 25	Soluble	Solid	300.0	110662
890-8213-26	CS - 26	Soluble	Solid	300.0	110662
890-8213-27	CS - 27	Soluble	Solid	300.0	110662

QC Association Summary

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

HPLC/IC (Continued)

Analysis Batch: 110743 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-28	CS - 28	Soluble	Solid	300.0	110662
890-8213-29	CS - 29	Soluble	Solid	300.0	110662
890-8213-30	CS - 30	Soluble	Solid	300.0	110662
890-8213-31	CS - 31	Soluble	Solid	300.0	110662
890-8213-32	CS - 32	Soluble	Solid	300.0	110662
890-8213-33	CS - 33	Soluble	Solid	300.0	110662
890-8213-34	CS - 34	Soluble	Solid	300.0	110662
890-8213-35	CS - 35	Soluble	Solid	300.0	110662
MB 880-110662/1-A	Method Blank	Soluble	Solid	300.0	110662
LCS 880-110662/2-A	Lab Control Sample	Soluble	Solid	300.0	110662
LCSD 880-110662/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	110662
890-8213-16 MS	CS - 16	Soluble	Solid	300.0	110662
890-8213-16 MSD	CS - 16	Soluble	Solid	300.0	110662
890-8213-26 MS	CS - 26	Soluble	Solid	300.0	110662
890-8213-26 MSD	CS - 26	Soluble	Solid	300.0	110662

Analysis Batch: 110758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-36	CS - 36	Soluble	Solid	300.0	110665
890-8213-37	CS - 37	Soluble	Solid	300.0	110665
890-8213-38	CS - 38	Soluble	Solid	300.0	110665
890-8213-39	CS - 39	Soluble	Solid	300.0	110665
890-8213-40	CS - 40	Soluble	Solid	300.0	110665
890-8213-41	CS - 41	Soluble	Solid	300.0	110665
890-8213-42	CS - 42	Soluble	Solid	300.0	110665
890-8213-43	CS - 43	Soluble	Solid	300.0	110665
890-8213-44	CS - 44	Soluble	Solid	300.0	110665
890-8213-45	CS - 45	Soluble	Solid	300.0	110665
890-8213-46	CS - 46	Soluble	Solid	300.0	110665
890-8213-47	CS - 47	Soluble	Solid	300.0	110665
890-8213-48	CS - 48	Soluble	Solid	300.0	110665
890-8213-49	SW - 1	Soluble	Solid	300.0	110665
890-8213-50	SW - 2	Soluble	Solid	300.0	110665
890-8213-51	SW - 3	Soluble	Solid	300.0	110665
890-8213-52	SW - 4	Soluble	Solid	300.0	110665
890-8213-53	SW - 5	Soluble	Solid	300.0	110665
890-8213-54	SW - 6	Soluble	Solid	300.0	110665
890-8213-55	SW - 7	Soluble	Solid	300.0	110665
MB 880-110665/1-A	Method Blank	Soluble	Solid	300.0	110665
LCS 880-110665/2-A	Lab Control Sample	Soluble	Solid	300.0	110665
LCSD 880-110665/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	110665
890-8213-36 MS	CS - 36	Soluble	Solid	300.0	110665
890-8213-36 MSD	CS - 36	Soluble	Solid	300.0	110665
890-8213-46 MS	CS - 46	Soluble	Solid	300.0	110665
890-8213-46 MSD	CS - 46	Soluble	Solid	300.0	110665

Analysis Batch: 110776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-56	SW - 8	Soluble	Solid	300.0	110666
890-8213-57	SW - 9	Soluble	Solid	300.0	110666
890-8213-58	SW - 10	Soluble	Solid	300.0	110666

QC Association Summary

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

HPLC/IC (Continued)

Analysis Batch: 110776 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-59	SW - 11	Soluble	Solid	300.0	110666
890-8213-60	SW - 12	Soluble	Solid	300.0	110666
890-8213-61	SW - 13	Soluble	Solid	300.0	110666
890-8213-62	SW - 14	Soluble	Solid	300.0	110666
890-8213-63	SW - 15	Soluble	Solid	300.0	110666
890-8213-64	SW - 16	Soluble	Solid	300.0	110666
890-8213-65	SW - 17	Soluble	Solid	300.0	110666
890-8213-66	SW - 18	Soluble	Solid	300.0	110666
890-8213-67	SW - 19	Soluble	Solid	300.0	110666
890-8213-68	SW - 20	Soluble	Solid	300.0	110666
890-8213-69	SW - 21	Soluble	Solid	300.0	110666
890-8213-70	SW - 22	Soluble	Solid	300.0	110666
890-8213-71	SW - 23	Soluble	Solid	300.0	110666
890-8213-72	SW - 24	Soluble	Solid	300.0	110666
890-8213-73	SW - 25	Soluble	Solid	300.0	110666
890-8213-74	SW - 26	Soluble	Solid	300.0	110666
890-8213-75	SW - 27	Soluble	Solid	300.0	110666
MB 880-110666/1-A	Method Blank	Soluble	Solid	300.0	110666
LCS 880-110666/2-A	Lab Control Sample	Soluble	Solid	300.0	110666
LCSD 880-110666/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	110666
890-8213-56 MS	SW - 8	Soluble	Solid	300.0	110666
890-8213-56 MSD	SW - 8	Soluble	Solid	300.0	110666
890-8213-66 MS	SW - 18	Soluble	Solid	300.0	110666
890-8213-66 MSD	SW - 18	Soluble	Solid	300.0	110666

Analysis Batch: 110778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-76	SW - 28	Soluble	Solid	300.0	110669
890-8213-77	SW - 29	Soluble	Solid	300.0	110669
890-8213-78	SW - 30	Soluble	Solid	300.0	110669
890-8213-79	SW - 31	Soluble	Solid	300.0	110669
890-8213-80	SW - 32	Soluble	Solid	300.0	110669
890-8213-81	SW - 33	Soluble	Solid	300.0	110669
890-8213-82	SW - 34	Soluble	Solid	300.0	110669
890-8213-83	SW - 35	Soluble	Solid	300.0	110669
890-8213-84	SW - 36	Soluble	Solid	300.0	110669
890-8213-85	SW - 37	Soluble	Solid	300.0	110669
890-8213-86	SW - 38	Soluble	Solid	300.0	110669
890-8213-87	SW - 39	Soluble	Solid	300.0	110669
890-8213-88	SW - 40	Soluble	Solid	300.0	110669
890-8213-89	SW - 41	Soluble	Solid	300.0	110669
890-8213-90	SW - 42	Soluble	Solid	300.0	110669
890-8213-91	SW - 43	Soluble	Solid	300.0	110669
890-8213-92	SW - 44	Soluble	Solid	300.0	110669
890-8213-93	SW - 45	Soluble	Solid	300.0	110669
890-8213-94	SW - 46	Soluble	Solid	300.0	110669
890-8213-95	SW - 47	Soluble	Solid	300.0	110669
MB 880-110669/1-A	Method Blank	Soluble	Solid	300.0	110669
LCS 880-110669/2-A	Lab Control Sample	Soluble	Solid	300.0	110669
LCSD 880-110669/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	110669
890-8213-76 MS	SW - 28	Soluble	Solid	300.0	110669

QC Association Summary

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

HPLC/IC (Continued)

Analysis Batch: 110778 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-76 MSD	SW - 28	Soluble	Solid	300.0	110669
890-8213-86 MS	SW - 38	Soluble	Solid	300.0	110669
890-8213-86 MSD	SW - 38	Soluble	Solid	300.0	110669

Analysis Batch: 110814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8213-96	SW - 48	Soluble	Solid	300.0	110670
890-8213-97	SW - 49	Soluble	Solid	300.0	110670
890-8213-98	SW - 50	Soluble	Solid	300.0	110670
890-8213-99	SW - 51	Soluble	Solid	300.0	110670
890-8213-100	SW - 52	Soluble	Solid	300.0	110670
890-8213-101	SW - 53	Soluble	Solid	300.0	110670
890-8213-102	SW - 54	Soluble	Solid	300.0	110670
890-8213-103	SW - 55	Soluble	Solid	300.0	110670
890-8213-104	SW - 56	Soluble	Solid	300.0	110670
890-8213-105	SW - 57	Soluble	Solid	300.0	110670
890-8213-106	SW - 58	Soluble	Solid	300.0	110670
890-8213-107	SW - 59	Soluble	Solid	300.0	110670
890-8213-108	SW - 60	Soluble	Solid	300.0	110670
890-8213-109	SW - 61	Soluble	Solid	300.0	110670
890-8213-110	SW - 62	Soluble	Solid	300.0	110670
890-8213-111	SW - 63	Soluble	Solid	300.0	110670
890-8213-112	SW - 64	Soluble	Solid	300.0	110670
890-8213-113	SW - 65	Soluble	Solid	300.0	110670
MB 880-110670/1-A	Method Blank	Soluble	Solid	300.0	110670
LCS 880-110670/2-A	Lab Control Sample	Soluble	Solid	300.0	110670
LCSD 880-110670/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	110670
890-8213-96 MS	SW - 48	Soluble	Solid	300.0	110670
890-8213-96 MSD	SW - 48	Soluble	Solid	300.0	110670
890-8213-106 MS	SW - 58	Soluble	Solid	300.0	110670
890-8213-106 MSD	SW - 58	Soluble	Solid	300.0	110670

Lab Chronicle

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 1
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	110703	05/22/25 10:10	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/22/25 12:45	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 12:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 21:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	110656	05/21/25 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/27/25 21:32	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	110652	05/21/25 16:13	SA	EET MID
Soluble	Analysis	300.0		5			110710	05/22/25 14:49	CH	EET MID

Client Sample ID: CS - 2
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	110703	05/22/25 10:10	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/22/25 13:06	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 13:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 22:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	110656	05/21/25 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/27/25 22:20	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	110652	05/21/25 16:13	SA	EET MID
Soluble	Analysis	300.0		5			110710	05/22/25 14:57	CH	EET MID

Client Sample ID: CS - 3
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	110703	05/22/25 10:10	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/22/25 13:26	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 22:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	110656	05/21/25 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/27/25 22:37	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	110652	05/21/25 16:13	SA	EET MID
Soluble	Analysis	300.0		5			110710	05/22/25 15:04	CH	EET MID

Client Sample ID: CS - 4
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	110703	05/22/25 10:10	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/22/25 13:47	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 13:47	SM	EET MID

Lab Chronicle

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 4
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			111051	05/27/25 22:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	110656	05/21/25 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/27/25 22:53	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	110652	05/21/25 16:13	SA	EET MID
Soluble	Analysis	300.0		5			110710	05/22/25 15:11	CH	EET MID

Client Sample ID: CS - 5
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	110703	05/22/25 10:10	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/22/25 14:07	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 14:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 23:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	110656	05/21/25 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/27/25 23:10	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	110652	05/21/25 16:13	SA	EET MID
Soluble	Analysis	300.0		5			110710	05/22/25 15:18	CH	EET MID

Client Sample ID: CS - 6
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	110703	05/22/25 10:10	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/22/25 14:28	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 14:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 23:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	110656	05/21/25 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/27/25 23:26	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	110652	05/21/25 16:13	SA	EET MID
Soluble	Analysis	300.0		5			110710	05/22/25 15:25	CH	EET MID

Client Sample ID: CS - 7
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	110703	05/22/25 10:10	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/22/25 14:48	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 14:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 23:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	110656	05/21/25 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/27/25 23:42	TKC	EET MID

Lab Chronicle

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 7
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	110652	05/21/25 16:13	SA	EET MID
Soluble	Analysis	300.0		5			110710	05/22/25 15:46	CH	EET MID

Client Sample ID: CS - 8
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	110703	05/22/25 10:10	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/22/25 15:09	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 15:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 23:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	110656	05/21/25 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/27/25 23:58	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	110652	05/21/25 16:13	SA	EET MID
Soluble	Analysis	300.0		5			110710	05/22/25 15:53	CH	EET MID

Client Sample ID: CS - 9
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	110703	05/22/25 10:10	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/22/25 15:30	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 15:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 00:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	110656	05/21/25 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/28/25 00:15	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	110652	05/21/25 16:13	SA	EET MID
Soluble	Analysis	300.0		5			110710	05/22/25 16:14	CH	EET MID

Client Sample ID: CS - 10
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	110703	05/22/25 10:10	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/22/25 15:50	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 15:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 00:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	110656	05/21/25 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/28/25 00:30	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	110652	05/21/25 16:13	SA	EET MID
Soluble	Analysis	300.0		1			110710	05/22/25 16:22	CH	EET MID

Lab Chronicle

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 11
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	110703	05/22/25 10:10	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/22/25 17:15	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 17:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 01:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	110656	05/21/25 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/28/25 01:02	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	110652	05/21/25 16:13	SA	EET MID
Soluble	Analysis	300.0		5			110710	05/22/25 16:29	CH	EET MID

Client Sample ID: CS - 12
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	110703	05/22/25 10:10	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/22/25 17:35	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 17:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 01:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	110656	05/21/25 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/28/25 01:18	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	110652	05/21/25 16:13	SA	EET MID
Soluble	Analysis	300.0		5			110710	05/22/25 16:36	CH	EET MID

Client Sample ID: CS - 13
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	110703	05/22/25 10:10	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/22/25 17:56	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 17:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 01:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	110656	05/21/25 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/28/25 01:35	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	110652	05/21/25 16:13	SA	EET MID
Soluble	Analysis	300.0		5			110710	05/22/25 16:43	CH	EET MID

Client Sample ID: CS - 14
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	110703	05/22/25 10:10	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/22/25 18:17	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 18:17	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 14
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			111051	05/28/25 01:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	110656	05/21/25 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/28/25 01:50	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	110652	05/21/25 16:13	SA	EET MID
Soluble	Analysis	300.0		5			110710	05/22/25 16:50	CH	EET MID

Client Sample ID: CS - 15
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	110703	05/22/25 10:10	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/22/25 18:37	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 18:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 02:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	110656	05/21/25 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/28/25 02:08	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	110652	05/21/25 16:13	SA	EET MID
Soluble	Analysis	300.0		5			110710	05/22/25 16:58	CH	EET MID

Client Sample ID: CS - 16
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	110703	05/22/25 10:10	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/22/25 18:58	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 18:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 02:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	110656	05/21/25 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/28/25 02:23	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	110662	05/21/25 16:15	SA	EET MID
Soluble	Analysis	300.0		5			110743	05/22/25 14:59	CH	EET MID

Client Sample ID: CS - 17
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	110703	05/22/25 10:10	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/22/25 19:18	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 19:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 02:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	110656	05/21/25 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/28/25 02:40	TKC	EET MID

Lab Chronicle

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 17
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	110662	05/21/25 16:15	SA	EET MID
Soluble	Analysis	300.0		5			110743	05/22/25 15:19	CH	EET MID

Client Sample ID: CS - 18
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	110703	05/22/25 10:10	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/22/25 19:39	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 19:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 02:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	110656	05/21/25 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/28/25 02:56	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	110662	05/21/25 16:15	SA	EET MID
Soluble	Analysis	300.0		5			110743	05/22/25 15:26	CH	EET MID

Client Sample ID: CS - 19
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	110703	05/22/25 10:10	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/22/25 19:59	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 19:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 03:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	110656	05/21/25 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/28/25 03:12	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	110662	05/21/25 16:15	SA	EET MID
Soluble	Analysis	300.0		5			110743	05/22/25 15:33	CH	EET MID

Client Sample ID: CS - 20
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	110703	05/22/25 10:10	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/22/25 20:20	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 20:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 03:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	110656	05/21/25 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/28/25 03:28	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	110662	05/21/25 16:15	SA	EET MID
Soluble	Analysis	300.0		5			110743	05/22/25 15:42	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 21
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	110704	05/22/25 10:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110695	05/22/25 12:20	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 12:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 21:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	110657	05/21/25 16:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110970	05/27/25 21:32	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	110662	05/21/25 16:15	SA	EET MID
Soluble	Analysis	300.0		5			110743	05/22/25 16:22	CH	EET MID

Client Sample ID: CS - 22
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	110704	05/22/25 10:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110695	05/22/25 12:41	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 12:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 22:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	110657	05/21/25 16:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110970	05/27/25 22:20	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	110662	05/21/25 16:15	SA	EET MID
Soluble	Analysis	300.0		1			110743	05/22/25 16:29	CH	EET MID

Client Sample ID: CS - 23
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	110704	05/22/25 10:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110695	05/22/25 13:02	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 13:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 22:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	110657	05/21/25 16:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110970	05/27/25 22:37	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	110662	05/21/25 16:15	SA	EET MID
Soluble	Analysis	300.0		1			110743	05/22/25 16:36	CH	EET MID

Client Sample ID: CS - 24
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	110704	05/22/25 10:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110695	05/22/25 13:22	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 13:22	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 24
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			111051	05/27/25 22:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	110657	05/21/25 16:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110970	05/27/25 22:53	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	110662	05/21/25 16:15	SA	EET MID
Soluble	Analysis	300.0		1			110743	05/22/25 16:43	CH	EET MID

Client Sample ID: CS - 25
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	110704	05/22/25 10:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110695	05/22/25 13:43	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 13:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 23:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	110657	05/21/25 16:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110970	05/27/25 23:10	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	110662	05/21/25 16:15	SA	EET MID
Soluble	Analysis	300.0		1			110743	05/22/25 16:50	CH	EET MID

Client Sample ID: CS - 26
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	110704	05/22/25 10:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110695	05/22/25 14:03	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 14:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 23:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	110657	05/21/25 16:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110970	05/27/25 23:26	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	110662	05/21/25 16:15	SA	EET MID
Soluble	Analysis	300.0		1			110743	05/22/25 16:56	CH	EET MID

Client Sample ID: CS - 27
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	110704	05/22/25 10:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110695	05/22/25 14:24	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 23:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	110657	05/21/25 16:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110970	05/27/25 23:42	TKC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 27
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	110662	05/21/25 16:15	SA	EET MID
Soluble	Analysis	300.0		1			110743	05/22/25 17:17	CH	EET MID

Client Sample ID: CS - 28
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	110704	05/22/25 10:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110695	05/22/25 14:44	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 14:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 23:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	110657	05/21/25 16:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110970	05/27/25 23:58	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	110662	05/21/25 16:15	SA	EET MID
Soluble	Analysis	300.0		5			110743	05/22/25 17:24	CH	EET MID

Client Sample ID: CS - 29
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	110704	05/22/25 10:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110695	05/22/25 15:05	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 15:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 00:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	110657	05/21/25 16:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110970	05/28/25 00:15	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	110662	05/21/25 16:15	SA	EET MID
Soluble	Analysis	300.0		1			110743	05/22/25 17:44	CH	EET MID

Client Sample ID: CS - 30
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	110704	05/22/25 10:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110695	05/22/25 15:26	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 15:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 00:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	110657	05/21/25 16:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110970	05/28/25 00:30	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	110662	05/21/25 16:15	SA	EET MID
Soluble	Analysis	300.0		5			110743	05/22/25 17:51	CH	EET MID

Lab Chronicle

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 31
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	110704	05/22/25 10:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110695	05/22/25 17:58	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 17:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 01:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	110657	05/21/25 16:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110970	05/28/25 01:02	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	110662	05/21/25 16:15	SA	EET MID
Soluble	Analysis	300.0		1			110743	05/22/25 17:58	CH	EET MID

Client Sample ID: CS - 32
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	110704	05/22/25 10:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110695	05/22/25 18:18	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 18:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 01:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	110657	05/21/25 16:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110970	05/28/25 01:18	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	110662	05/21/25 16:15	SA	EET MID
Soluble	Analysis	300.0		1			110743	05/22/25 18:05	CH	EET MID

Client Sample ID: CS - 33
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-33
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	110704	05/22/25 10:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110695	05/22/25 18:39	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 18:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 01:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	110657	05/21/25 16:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110970	05/28/25 01:35	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	110662	05/21/25 16:15	SA	EET MID
Soluble	Analysis	300.0		1			110743	05/22/25 18:11	CH	EET MID

Client Sample ID: CS - 34
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	110704	05/22/25 10:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110695	05/22/25 18:59	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 18:59	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 34
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			111051	05/28/25 01:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	110657	05/21/25 16:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110970	05/28/25 01:50	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	110662	05/21/25 16:15	SA	EET MID
Soluble	Analysis	300.0		1			110743	05/22/25 18:18	CH	EET MID

Client Sample ID: CS - 35
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-35
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	110704	05/22/25 10:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110695	05/22/25 19:20	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 19:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 02:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	110657	05/21/25 16:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110970	05/28/25 02:08	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	110662	05/21/25 16:15	SA	EET MID
Soluble	Analysis	300.0		1			110743	05/22/25 18:25	CH	EET MID

Client Sample ID: CS - 36
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-36
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	110704	05/22/25 10:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110695	05/22/25 19:41	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 19:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 02:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	110657	05/21/25 16:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110970	05/28/25 02:23	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	110665	05/21/25 16:17	SA	EET MID
Soluble	Analysis	300.0		1			110758	05/22/25 17:54	CH	EET MID

Client Sample ID: CS - 37
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-37
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	110704	05/22/25 10:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110695	05/22/25 20:01	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 20:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 02:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	110657	05/21/25 16:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110970	05/28/25 02:40	TKC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 37
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-37
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	110665	05/21/25 16:17	SA	EET MID
Soluble	Analysis	300.0		1			110758	05/22/25 18:16	CH	EET MID

Client Sample ID: CS - 38
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-38
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	110704	05/22/25 10:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110695	05/22/25 20:22	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 20:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 02:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	110657	05/21/25 16:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110970	05/28/25 02:56	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	110665	05/21/25 16:17	SA	EET MID
Soluble	Analysis	300.0		1			110758	05/22/25 18:23	CH	EET MID

Client Sample ID: CS - 39
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-39
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	110704	05/22/25 10:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110695	05/22/25 20:42	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 20:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 03:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	110657	05/21/25 16:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110970	05/28/25 03:12	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	110665	05/21/25 16:17	SA	EET MID
Soluble	Analysis	300.0		1			110758	05/22/25 18:30	CH	EET MID

Client Sample ID: CS - 40
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-40
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	110704	05/22/25 10:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110695	05/22/25 21:03	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 21:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 03:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	110657	05/21/25 16:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110970	05/28/25 03:28	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	110665	05/21/25 16:17	SA	EET MID
Soluble	Analysis	300.0		1			110758	05/22/25 18:37	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 41
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-41
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	110706	05/22/25 10:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110694	05/22/25 12:21	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 12:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 19:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	110658	05/21/25 16:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/27/25 19:02	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	110665	05/21/25 16:17	SA	EET MID
Soluble	Analysis	300.0		1			110758	05/22/25 18:58	CH	EET MID

Client Sample ID: CS - 42
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-42
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	110706	05/22/25 10:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110694	05/22/25 12:41	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 12:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 19:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	110658	05/21/25 16:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/27/25 19:46	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	110665	05/21/25 16:17	SA	EET MID
Soluble	Analysis	300.0		1			110758	05/22/25 19:05	CH	EET MID

Client Sample ID: CS - 43
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-43
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	110706	05/22/25 10:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110694	05/22/25 13:02	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 13:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 20:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	110658	05/21/25 16:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/27/25 20:01	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	110665	05/21/25 16:17	SA	EET MID
Soluble	Analysis	300.0		1			110758	05/22/25 19:12	CH	EET MID

Client Sample ID: CS - 44
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-44
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	110706	05/22/25 10:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110694	05/22/25 13:22	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 13:22	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 44
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-44
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			111051	05/27/25 20:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	110658	05/21/25 16:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/27/25 20:17	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	110665	05/21/25 16:17	SA	EET MID
Soluble	Analysis	300.0		1			110758	05/22/25 19:19	CH	EET MID

Client Sample ID: CS - 45
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-45
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	110706	05/22/25 10:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110694	05/22/25 13:43	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 13:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 20:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	110658	05/21/25 16:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/27/25 20:32	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	110665	05/21/25 16:17	SA	EET MID
Soluble	Analysis	300.0		1			110758	05/22/25 19:26	CH	EET MID

Client Sample ID: CS - 46
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-46
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	110706	05/22/25 10:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110694	05/22/25 14:03	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 14:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 20:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	110658	05/21/25 16:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/27/25 20:47	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	110665	05/21/25 16:17	SA	EET MID
Soluble	Analysis	300.0		1			110758	05/22/25 19:33	CH	EET MID

Client Sample ID: CS - 47
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-47
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	110706	05/22/25 10:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110694	05/22/25 14:24	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 21:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	110658	05/21/25 16:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/27/25 21:02	TKC	EET MID

Lab Chronicle

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: CS - 47
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-47
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	110665	05/21/25 16:17	SA	EET MID
Soluble	Analysis	300.0		1			110758	05/22/25 19:55	CH	EET MID

Client Sample ID: CS - 48
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-48
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	110706	05/22/25 10:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110694	05/22/25 14:45	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 14:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 21:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	110658	05/21/25 16:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/27/25 21:16	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	110665	05/21/25 16:17	SA	EET MID
Soluble	Analysis	300.0		5			110758	05/22/25 20:02	CH	EET MID

Client Sample ID: SW - 1
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-49
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	110706	05/22/25 10:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110694	05/22/25 15:05	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 15:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 21:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	110658	05/21/25 16:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/27/25 21:33	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	110665	05/21/25 16:17	SA	EET MID
Soluble	Analysis	300.0		1			110758	05/22/25 20:23	CH	EET MID

Client Sample ID: SW - 2
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-50
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	110706	05/22/25 10:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110694	05/22/25 15:26	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 15:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 21:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	110658	05/21/25 16:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/27/25 21:47	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	110665	05/21/25 16:17	SA	EET MID
Soluble	Analysis	300.0		1			110758	05/22/25 20:30	CH	EET MID

Lab Chronicle

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 3
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-51
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	110706	05/22/25 10:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110694	05/22/25 18:04	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 18:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 22:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	110658	05/21/25 16:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/27/25 22:18	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	110665	05/21/25 16:17	SA	EET MID
Soluble	Analysis	300.0		1			110758	05/22/25 20:37	CH	EET MID

Client Sample ID: SW - 4
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-52
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	110706	05/22/25 10:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110694	05/22/25 18:25	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 18:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 22:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	110658	05/21/25 16:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/27/25 22:34	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	110665	05/21/25 16:17	SA	EET MID
Soluble	Analysis	300.0		1			110758	05/22/25 20:44	CH	EET MID

Client Sample ID: SW - 5
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-53
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	110706	05/22/25 10:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110694	05/22/25 18:45	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 18:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 22:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	110658	05/21/25 16:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/27/25 22:49	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	110665	05/21/25 16:17	SA	EET MID
Soluble	Analysis	300.0		5			110758	05/22/25 20:51	CH	EET MID

Client Sample ID: SW - 6
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-54
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	110706	05/22/25 10:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110694	05/22/25 19:06	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 19:06	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 6
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-54
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			111051	05/27/25 23:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	110658	05/21/25 16:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/27/25 23:04	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	110665	05/21/25 16:17	SA	EET MID
Soluble	Analysis	300.0		5			110758	05/22/25 20:58	CH	EET MID

Client Sample ID: SW - 7
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-55
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	110706	05/22/25 10:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110694	05/22/25 19:26	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 19:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 23:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	110658	05/21/25 16:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/27/25 23:18	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	110665	05/21/25 16:17	SA	EET MID
Soluble	Analysis	300.0		5			110758	05/22/25 21:05	CH	EET MID

Client Sample ID: SW - 8
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-56
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	110706	05/22/25 10:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110694	05/22/25 19:47	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 19:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 23:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	110658	05/21/25 16:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/27/25 23:34	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	110666	05/21/25 16:19	SA	EET MID
Soluble	Analysis	300.0		10			110776	05/23/25 01:48	CH	EET MID

Client Sample ID: SW - 9
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-57
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	110706	05/22/25 10:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110694	05/22/25 20:07	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 20:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 23:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	110658	05/21/25 16:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/27/25 23:48	TKC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 9
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-57
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	110666	05/21/25 16:19	SA	EET MID
Soluble	Analysis	300.0		5			110776	05/23/25 02:10	CH	EET MID

Client Sample ID: SW - 10
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-58
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	110706	05/22/25 10:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110694	05/22/25 20:28	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 20:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 00:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	110658	05/21/25 16:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/28/25 00:04	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	110666	05/21/25 16:19	SA	EET MID
Soluble	Analysis	300.0		5			110776	05/23/25 02:17	CH	EET MID

Client Sample ID: SW - 11
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-59
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	110706	05/22/25 10:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110694	05/22/25 20:48	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 20:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 00:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	110658	05/21/25 16:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/28/25 00:18	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	110666	05/21/25 16:19	SA	EET MID
Soluble	Analysis	300.0		1			110776	05/23/25 02:24	CH	EET MID

Client Sample ID: SW - 12
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-60
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	110706	05/22/25 10:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110694	05/22/25 21:09	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 21:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 00:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	110658	05/21/25 16:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/28/25 00:33	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	110666	05/21/25 16:19	SA	EET MID
Soluble	Analysis	300.0		1			110776	05/23/25 02:31	CH	EET MID

Lab Chronicle

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 13
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-61
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	110728	05/22/25 10:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/22/25 23:25	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 23:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	110659	05/21/25 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/28/25 09:33	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	110666	05/21/25 16:19	SA	EET MID
Soluble	Analysis	300.0		1			110776	05/23/25 02:52	CH	EET MID

Client Sample ID: SW - 14
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-62
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	110728	05/22/25 10:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/22/25 23:46	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/22/25 23:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 10:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	110659	05/21/25 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/28/25 10:18	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	110666	05/21/25 16:19	SA	EET MID
Soluble	Analysis	300.0		1			110776	05/23/25 02:59	CH	EET MID

Client Sample ID: SW - 15
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-63
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	110728	05/22/25 10:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/23/25 00:06	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 00:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 10:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	110659	05/21/25 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/28/25 10:33	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	110666	05/21/25 16:19	SA	EET MID
Soluble	Analysis	300.0		1			110776	05/23/25 03:06	CH	EET MID

Client Sample ID: SW - 16
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-64
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	110728	05/22/25 10:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/23/25 00:27	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 00:27	SM	EET MID

Lab Chronicle

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 16
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-64
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			111051	05/28/25 10:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	110659	05/21/25 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/28/25 10:50	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	110666	05/21/25 16:19	SA	EET MID
Soluble	Analysis	300.0		10			110776	05/23/25 03:13	CH	EET MID

Client Sample ID: SW - 17
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-65
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	110728	05/22/25 10:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/23/25 00:48	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 00:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 11:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	110659	05/21/25 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/28/25 11:05	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	110666	05/21/25 16:19	SA	EET MID
Soluble	Analysis	300.0		1			110776	05/23/25 03:20	CH	EET MID

Client Sample ID: SW - 18
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-66
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	110728	05/22/25 10:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/23/25 01:08	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 01:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 11:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	110659	05/21/25 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/28/25 11:46	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	110666	05/21/25 16:19	SA	EET MID
Soluble	Analysis	300.0		1			110776	05/23/25 03:27	CH	EET MID

Client Sample ID: SW - 19
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-67
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	110728	05/22/25 10:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/23/25 01:29	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 01:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 12:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	110659	05/21/25 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/28/25 12:01	TKC	EET MID

Lab Chronicle

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 19
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-67
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	110666	05/21/25 16:19	SA	EET MID
Soluble	Analysis	300.0		1			110776	05/23/25 03:48	CH	EET MID

Client Sample ID: SW - 20
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-68
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	110728	05/22/25 10:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/23/25 01:49	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 01:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	110659	05/21/25 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/28/25 12:16	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	110666	05/21/25 16:19	SA	EET MID
Soluble	Analysis	300.0		1			110776	05/23/25 03:55	CH	EET MID

Client Sample ID: SW - 21
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-69
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	110728	05/22/25 10:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/23/25 02:10	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 02:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 12:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	110659	05/21/25 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/28/25 12:30	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	110666	05/21/25 16:19	SA	EET MID
Soluble	Analysis	300.0		1			110776	05/23/25 04:17	CH	EET MID

Client Sample ID: SW - 22
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-70
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	110728	05/22/25 10:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/23/25 02:30	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 02:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 12:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	110659	05/21/25 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/28/25 12:45	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	110666	05/21/25 16:19	SA	EET MID
Soluble	Analysis	300.0		1			110776	05/23/25 04:24	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 23
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-71
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	110728	05/22/25 10:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/23/25 03:54	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 03:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 13:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	110659	05/21/25 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/28/25 13:00	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	110666	05/21/25 16:19	SA	EET MID
Soluble	Analysis	300.0		1			110776	05/23/25 04:31	CH	EET MID

Client Sample ID: SW - 24
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-72
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	110728	05/22/25 10:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/23/25 04:15	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 04:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 13:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	110659	05/21/25 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/28/25 13:15	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	110666	05/21/25 16:19	SA	EET MID
Soluble	Analysis	300.0		10			110776	05/23/25 04:38	CH	EET MID

Client Sample ID: SW - 25
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-73
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	110728	05/22/25 10:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/23/25 04:35	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 04:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 13:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	110659	05/21/25 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/28/25 13:30	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	110666	05/21/25 16:19	SA	EET MID
Soluble	Analysis	300.0		1			110776	05/23/25 04:45	CH	EET MID

Client Sample ID: SW - 26
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-74
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	110728	05/22/25 10:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/23/25 04:56	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 04:56	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 26
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-74
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			111051	05/28/25 13:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	110659	05/21/25 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/28/25 13:45	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	110666	05/21/25 16:19	SA	EET MID
Soluble	Analysis	300.0		20			110776	05/23/25 04:52	CH	EET MID

Client Sample ID: SW - 27
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-75
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	110728	05/22/25 10:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/23/25 05:16	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 05:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 14:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	110659	05/21/25 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/28/25 14:00	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	110666	05/21/25 16:19	SA	EET MID
Soluble	Analysis	300.0		5			110776	05/23/25 04:59	CH	EET MID

Client Sample ID: SW - 28
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-76
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	110728	05/22/25 10:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/23/25 05:37	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 05:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 14:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	110659	05/21/25 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/28/25 14:15	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	110669	05/21/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1			110778	05/23/25 09:11	CH	EET MID

Client Sample ID: SW - 29
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-77
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	110728	05/22/25 10:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/23/25 05:57	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 05:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 14:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	110659	05/21/25 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/28/25 14:30	TKC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 29
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-77
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	110669	05/21/25 16:21	SA	EET MID
Soluble	Analysis	300.0		5			110778	05/23/25 09:31	CH	EET MID

Client Sample ID: SW - 30
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-78
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	110728	05/22/25 10:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/23/25 06:18	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 06:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 14:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	110659	05/21/25 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/28/25 14:45	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	110669	05/21/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1			110778	05/23/25 09:38	CH	EET MID

Client Sample ID: SW - 31
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-79
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	110728	05/22/25 10:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/23/25 06:38	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 06:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 15:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	110659	05/21/25 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/28/25 15:02	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	110669	05/21/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1			110778	05/23/25 09:45	CH	EET MID

Client Sample ID: SW - 32
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-80
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	110728	05/22/25 10:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110696	05/23/25 06:59	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 06:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/28/25 15:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	110659	05/21/25 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110959	05/28/25 15:18	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	110669	05/21/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1			110778	05/23/25 09:52	CH	EET MID

Lab Chronicle

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 33
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-81
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	110716	05/22/25 10:40	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110788	05/23/25 12:43	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 12:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 12:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	110660	05/21/25 16:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/27/25 12:41	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	110669	05/21/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1			110778	05/23/25 10:12	CH	EET MID

Client Sample ID: SW - 34
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-82
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	110716	05/22/25 10:40	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110788	05/23/25 13:03	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 13:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 13:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	110660	05/21/25 16:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/27/25 13:29	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	110669	05/21/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1			110778	05/23/25 10:19	CH	EET MID

Client Sample ID: SW - 35
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-83
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	110716	05/22/25 10:40	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110788	05/23/25 13:24	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 13:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 13:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	110660	05/21/25 16:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/27/25 13:45	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	110669	05/21/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1			110778	05/23/25 10:26	CH	EET MID

Client Sample ID: SW - 36
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-84
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	110716	05/22/25 10:40	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110788	05/23/25 13:44	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 13:44	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 36
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-84
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			111051	05/27/25 14:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	110660	05/21/25 16:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/27/25 14:01	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	110669	05/21/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1			110778	05/23/25 10:33	CH	EET MID

Client Sample ID: SW - 37
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-85
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	110716	05/22/25 10:40	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110788	05/23/25 14:05	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 14:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 14:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	110660	05/21/25 16:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/27/25 14:17	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	110669	05/21/25 16:21	SA	EET MID
Soluble	Analysis	300.0		5			110778	05/27/25 09:59	CH	EET MID

Client Sample ID: SW - 38
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-86
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	110716	05/22/25 10:40	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110788	05/23/25 14:25	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 14:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 14:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	110660	05/21/25 16:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/27/25 14:33	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	110669	05/21/25 16:21	SA	EET MID
Soluble	Analysis	300.0		5			110778	05/23/25 10:46	CH	EET MID

Client Sample ID: SW - 39
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-87
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	110716	05/22/25 10:40	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110788	05/23/25 14:46	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 14:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 14:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	110660	05/21/25 16:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/27/25 14:50	TKC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 39
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-87
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	110669	05/21/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1			110778	05/23/25 11:07	CH	EET MID

Client Sample ID: SW - 40
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-88
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	110716	05/22/25 10:40	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110788	05/23/25 15:07	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 15:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 15:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	110660	05/21/25 16:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/27/25 15:06	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	110669	05/21/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1			110778	05/23/25 11:14	CH	EET MID

Client Sample ID: SW - 41
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-89
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	110716	05/22/25 10:40	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110788	05/23/25 15:27	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 15:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 15:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	110660	05/21/25 16:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/27/25 15:22	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	110669	05/21/25 16:21	SA	EET MID
Soluble	Analysis	300.0		5			110778	05/23/25 11:34	CH	EET MID

Client Sample ID: SW - 42
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-90
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	110716	05/22/25 10:40	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110788	05/23/25 15:48	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 15:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 15:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	110660	05/21/25 16:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/27/25 15:37	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	110669	05/21/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1			110778	05/23/25 11:41	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 43
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-91
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	110716	05/22/25 10:40	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110788	05/23/25 17:22	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 17:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 16:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	110660	05/21/25 16:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/27/25 16:57	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	110669	05/21/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1			110778	05/23/25 11:47	CH	EET MID

Client Sample ID: SW - 44
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-92
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	110716	05/22/25 10:40	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110788	05/23/25 17:43	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 17:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 17:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	110660	05/21/25 16:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/27/25 17:13	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	110669	05/21/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1			110778	05/23/25 11:54	CH	EET MID

Client Sample ID: SW - 45
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-93
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	110716	05/22/25 10:40	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110788	05/23/25 18:03	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 18:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 17:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	110660	05/21/25 16:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/27/25 17:29	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	110669	05/21/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1			110778	05/23/25 12:01	CH	EET MID

Client Sample ID: SW - 46
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-94
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	110716	05/22/25 10:40	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110788	05/23/25 18:24	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 18:24	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 46
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-94
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			111051	05/27/25 17:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	110660	05/21/25 16:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/27/25 17:44	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	110669	05/21/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1			110778	05/23/25 12:08	CH	EET MID

Client Sample ID: SW - 47
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-95
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	110716	05/22/25 10:40	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110788	05/23/25 18:45	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 18:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 18:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	110660	05/21/25 16:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/27/25 18:00	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	110669	05/21/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1			110778	05/23/25 12:15	CH	EET MID

Client Sample ID: SW - 48
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-96
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	110716	05/22/25 10:40	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110788	05/23/25 19:05	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 19:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 18:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	110660	05/21/25 16:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/27/25 18:17	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	110670	05/21/25 16:23	SA	EET MID
Soluble	Analysis	300.0		1			110814	05/23/25 16:16	CH	EET MID

Client Sample ID: SW - 49
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-97
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	110716	05/22/25 10:40	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110788	05/23/25 19:26	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 19:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 18:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	110660	05/21/25 16:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/27/25 18:33	TKC	EET MID

Lab Chronicle

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 49
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-97
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	110670	05/21/25 16:23	SA	EET MID
Soluble	Analysis	300.0		1			110814	05/23/25 16:37	CH	EET MID

Client Sample ID: SW - 50
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-98
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	110716	05/22/25 10:40	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110788	05/23/25 19:46	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 19:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 18:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	110660	05/21/25 16:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/27/25 18:49	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	110670	05/21/25 16:23	SA	EET MID
Soluble	Analysis	300.0		5			110814	05/23/25 16:44	CH	EET MID

Client Sample ID: SW - 51
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-99
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	110716	05/22/25 10:40	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110788	05/23/25 20:07	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 20:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 19:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	110660	05/21/25 16:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/27/25 19:06	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	110670	05/21/25 16:23	SA	EET MID
Soluble	Analysis	300.0		1			110814	05/23/25 16:51	CH	EET MID

Client Sample ID: SW - 52
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-100
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	110716	05/22/25 10:40	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110788	05/23/25 20:27	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 20:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 19:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	110660	05/21/25 16:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110968	05/27/25 19:21	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	110670	05/21/25 16:23	SA	EET MID
Soluble	Analysis	300.0		1			110814	05/23/25 16:58	CH	EET MID

Lab Chronicle

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 53
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-101
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	110721	05/22/25 10:44	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110790	05/23/25 12:39	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 12:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 12:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	110661	05/21/25 16:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110970	05/27/25 12:41	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	110670	05/21/25 16:23	SA	EET MID
Soluble	Analysis	300.0		5			110814	05/23/25 17:20	CH	EET MID

Client Sample ID: SW - 54
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-102
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	110721	05/22/25 10:44	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110790	05/23/25 12:59	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 12:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 13:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	110661	05/21/25 16:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110970	05/27/25 13:29	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	110670	05/21/25 16:23	SA	EET MID
Soluble	Analysis	300.0		5			110814	05/23/25 17:27	CH	EET MID

Client Sample ID: SW - 55
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-103
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	110721	05/22/25 10:44	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110790	05/23/25 13:20	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 13:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 13:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	110661	05/21/25 16:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110970	05/27/25 13:45	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	110670	05/21/25 16:23	SA	EET MID
Soluble	Analysis	300.0		5			110814	05/23/25 17:34	CH	EET MID

Client Sample ID: SW - 56
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-104
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	110721	05/22/25 10:44	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110790	05/23/25 13:40	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 13:40	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 56
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-104
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			111051	05/27/25 14:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	110661	05/21/25 16:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110970	05/27/25 14:01	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	110670	05/21/25 16:23	SA	EET MID
Soluble	Analysis	300.0		50			110814	05/23/25 17:41	CH	EET MID

Client Sample ID: SW - 57
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-105
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	110721	05/22/25 10:44	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110790	05/23/25 14:01	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 14:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 14:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	110661	05/21/25 16:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110970	05/27/25 14:17	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	110670	05/21/25 16:23	SA	EET MID
Soluble	Analysis	300.0		20			110814	05/23/25 17:48	CH	EET MID

Client Sample ID: SW - 58
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-106
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	110721	05/22/25 10:44	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110790	05/23/25 14:21	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 14:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 14:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	110661	05/21/25 16:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110970	05/27/25 14:33	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	110670	05/21/25 16:23	SA	EET MID
Soluble	Analysis	300.0		5			110814	05/23/25 17:55	CH	EET MID

Client Sample ID: SW - 59
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-107
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	110721	05/22/25 10:44	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110790	05/23/25 14:42	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 14:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 14:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	110661	05/21/25 16:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110970	05/27/25 14:50	TKC	EET MID

Lab Chronicle

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 59
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-107
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	110670	05/21/25 16:23	SA	EET MID
Soluble	Analysis	300.0		1			110814	05/23/25 18:16	CH	EET MID

Client Sample ID: SW - 60
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-108
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	110721	05/22/25 10:44	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110790	05/23/25 15:03	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 15:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 15:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	110661	05/21/25 16:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110970	05/27/25 15:06	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	110670	05/21/25 16:23	SA	EET MID
Soluble	Analysis	300.0		1			110814	05/23/25 18:23	CH	EET MID

Client Sample ID: SW - 61
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-109
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	110721	05/22/25 10:44	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110790	05/23/25 15:23	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 15:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 15:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	110661	05/21/25 16:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110970	05/27/25 15:22	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	110670	05/21/25 16:23	SA	EET MID
Soluble	Analysis	300.0		1			110814	05/23/25 18:44	CH	EET MID

Client Sample ID: SW - 62
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-110
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	110721	05/22/25 10:44	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110790	05/23/25 15:44	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 15:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 15:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	110661	05/21/25 16:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110970	05/27/25 15:37	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	110670	05/21/25 16:23	SA	EET MID
Soluble	Analysis	300.0		1			110814	05/23/25 18:51	CH	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Client Sample ID: SW - 63
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-111
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	110721	05/22/25 10:44	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110790	05/23/25 17:08	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 17:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 16:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	110661	05/21/25 16:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110970	05/27/25 16:57	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	110670	05/21/25 16:23	SA	EET MID
Soluble	Analysis	300.0		1			110814	05/23/25 18:58	CH	EET MID

Client Sample ID: SW - 64
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-112
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	110721	05/22/25 10:44	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110790	05/23/25 17:29	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 17:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 17:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	110661	05/21/25 16:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110970	05/27/25 17:13	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	110670	05/21/25 16:23	SA	EET MID
Soluble	Analysis	300.0		1			110814	05/23/25 19:05	CH	EET MID

Client Sample ID: SW - 65
Date Collected: 05/20/25 00:00
Date Received: 05/21/25 12:09

Lab Sample ID: 890-8213-113
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	110721	05/22/25 10:44	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110790	05/23/25 17:49	EL	EET MID
Total/NA	Analysis	Total BTEX		1			110885	05/23/25 17:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			111051	05/27/25 17:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	110661	05/21/25 16:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110970	05/27/25 17:29	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	110670	05/21/25 16:23	SA	EET MID
Soluble	Analysis	300.0		1			110814	05/23/25 19:12	CH	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

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.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-8213-1	CS - 1	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-2	CS - 2	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-3	CS - 3	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-4	CS - 4	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-5	CS - 5	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-6	CS - 6	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-7	CS - 7	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-8	CS - 8	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-9	CS - 9	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-10	CS - 10	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-11	CS - 11	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-12	CS - 12	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-13	CS - 13	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-14	CS - 14	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-15	CS - 15	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-16	CS - 16	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-17	CS - 17	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-18	CS - 18	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-19	CS - 19	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-20	CS - 20	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-21	CS - 21	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-22	CS - 22	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-23	CS - 23	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-24	CS - 24	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-25	CS - 25	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-26	CS - 26	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-27	CS - 27	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-28	CS - 28	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-29	CS - 29	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-30	CS - 30	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-31	CS - 31	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-32	CS - 32	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-33	CS - 33	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-34	CS - 34	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-35	CS - 35	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-36	CS - 36	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-37	CS - 37	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-38	CS - 38	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-39	CS - 39	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-40	CS - 40	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-41	CS - 41	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-42	CS - 42	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-43	CS - 43	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-44	CS - 44	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-45	CS - 45	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-46	CS - 46	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-47	CS - 47	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-48	CS - 48	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-49	SW - 1	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-50	SW - 2	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-51	SW - 3	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-52	SW - 4	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-53	SW - 5	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-54	SW - 6	Solid	05/20/25 00:00	05/21/25 12:09

Sample Summary

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-8213-55	SW - 7	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-56	SW - 8	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-57	SW - 9	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-58	SW - 10	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-59	SW - 11	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-60	SW - 12	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-61	SW - 13	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-62	SW - 14	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-63	SW - 15	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-64	SW - 16	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-65	SW - 17	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-66	SW - 18	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-67	SW - 19	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-68	SW - 20	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-69	SW - 21	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-70	SW - 22	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-71	SW - 23	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-72	SW - 24	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-73	SW - 25	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-74	SW - 26	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-75	SW - 27	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-76	SW - 28	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-77	SW - 29	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-78	SW - 30	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-79	SW - 31	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-80	SW - 32	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-81	SW - 33	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-82	SW - 34	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-83	SW - 35	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-84	SW - 36	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-85	SW - 37	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-86	SW - 38	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-87	SW - 39	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-88	SW - 40	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-89	SW - 41	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-90	SW - 42	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-91	SW - 43	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-92	SW - 44	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-93	SW - 45	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-94	SW - 46	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-95	SW - 47	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-96	SW - 48	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-97	SW - 49	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-98	SW - 50	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-99	SW - 51	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-100	SW - 52	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-101	SW - 53	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-102	SW - 54	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-103	SW - 55	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-104	SW - 56	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-105	SW - 57	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-106	SW - 58	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-107	SW - 59	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-108	SW - 60	Solid	05/20/25 00:00	05/21/25 12:09

Sample Summary

Client: NT Global
Project/Site: COG SOMBREREO

Job ID: 890-8213-1
SDG: 249381

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-8213-109	SW - 61	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-110	SW - 62	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-111	SW - 63	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-112	SW - 64	Solid	05/20/25 00:00	05/21/25 12:09
890-8213-113	SW - 65	Solid	05/20/25 00:00	05/21/25 12:09

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

5/28/2025

Page 1 of 12

Project Manager:	Becky Haskell	Bill to: (if different)	Shelly Cowden
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
Address:	209 W McKay Street	Address:	
City, State ZIP:	Carlsbad, NM	City, State ZIP:	
Phone:		Email:	

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COG Sombrero	Turn Around	☑ Routine ☐ Rush
Project Number:	249381	Due Date:	
Project Location	Lea County, NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Clayton T, Lang W		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	IR#6
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-12.0
Total Containers:	113	Corrected Temperature:	-11.8

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

890-8213 Chain of Custody

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
CS-1		5/20/2025		X		Comp	1		X	X	X		
CS-2		5/20/2025		X		Comp	1		X	X	X		
CS-3		5/20/2025		X		Comp	1		X	X	X		
CS-4		5/20/2025		X		Comp	1		X	X	X		
CS-5		5/20/2025		X		Comp	1		X	X	X		
CS-6		5/20/2025		X		Comp	1		X	X	X		
CS-7		5/20/2025		X		Comp	1		X	X	X		
CS-8		5/20/2025		X		Comp	1		X	X	X		
CS-9		5/20/2025		X		Comp	1		X	X	X		
CS-10		5/20/2025		X		Comp	1		X	X	X		

Additional Comments:

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			5/21 12 pm	2		
3				4		
5				6		

Revised Date 05012020 Rev. 2020.1

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Received by OCD: 1/16/2026 12:00:47 AM

Released to Imaging: 3/9/2026 10:21:05 AM

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

5/28/2025

Page 2 of 12

Project Manager:	Becky Haskell	Bill to: (if different)	Shelly Cowden
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
Address:	209 W McKay Street	Address:	
City, State ZIP:	Carlsbad, NM	City, State ZIP:	
Phone:		Email:	

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COG Sombrero	Turn Around	
Project Number:	249381	☑ Routine ☐ Rush	
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	Clayton T. Lang W	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	TMCC7
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-17.0
Total Containers:	113	Corrected Temperature:	-11.8

ANALYSIS REQUEST

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	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
CS-11		5/20/2025		X		Comp	1		X	X	X		
CS-12		5/20/2025		X		Comp	1		X	X	X		
CS-13		5/20/2025		X		Comp	1		X	X	X		
CS-14		5/20/2025		X		Comp	1		X	X	X		
CS-15		5/20/2025		X		Comp	1		X	X	X		
CS-16		5/20/2025		X		Comp	1		X	X	X		
CS-17		5/20/2025		X		Comp	1		X	X	X		
CS-18		5/20/2025		X		Comp	1		X	X	X		
CS-19		5/20/2025		X		Comp	1		X	X	X		
CS-20		5/20/2025		X		Comp	1		X	X	X		

Additional Comments:

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

Revised Date 05012020 Rev. 2020.1

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

5/28/2025

Page 3 of 12

Project Manager:	Becky Haskell	Bill to: (if different)	Shelly Cowden
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
Address:	209 W McKay Street	Address:	
City, State ZIP:	Carlsbad, NM	City, State ZIP:	
Phone:		Email:	

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COG Sombrero	Turn Around	☑ Routine ☐ Rush
Project Number:	249381	Due Date:	
Project Location	Lea County, NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Clayton T, Lang W		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	INMCC7
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-12.0
Total Containers:	113	Corrected Temperature:	-11.8

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	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
CS-21		5/20/2025		X		Comp	1		X	X	X		
CS-22		5/20/2025		X		Comp	1		X	X	X		
CS-23		5/20/2025		X		Comp	1		X	X	X		
CS-24		5/20/2025		X		Comp	1		X	X	X		
CS-25		5/20/2025		X		Comp	1		X	X	X		
CS-26		5/20/2025		X		Comp	1		X	X	X		
CS-27		5/20/2025		X		Comp	1		X	X	X		
CS-28		5/20/2025		X		Comp	1		X	X	X		
CS-29		5/20/2025		X		Comp	1		X	X	X		
CS-30		5/20/2025		X		Comp	1		X	X	X		

Additional Comments:

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

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

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Project Manager:	Becky Haskell	Bill to: (if different)	Shelly Cowden
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
Address:	209 W McKay Street	Address:	
City, State ZIP:	Carlsbad, NM	City, State ZIP:	
Phone:		Email:	

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COG Sombrero	Turn Around	
Project Number:	249381	☑ Routine ☐ Rush	
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	Clayton T, Lang W	TAT starts the day received by the lab, if received by 4:30pm	
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:	113	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	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
CS-31		5/20/2025		X		Comp	1		X	X	X		
CS-32		5/20/2025		X		Comp	1		X	X	X		
CS-33		5/20/2025		X		Comp	1		X	X	X		
CS-34		5/20/2025		X		Comp	1		X	X	X		
CS-35		5/20/2025		X		Comp	1		X	X	X		
CS-36		5/20/2025		X		Comp	1		X	X	X		
CS-37		5/20/2025		X		Comp	1		X	X	X		
CS-38		5/20/2025		X		Comp	1		X	X	X		
CS-39		5/20/2025		X		Comp	1		X	X	X		
CS-40		5/20/2025		X		Comp	1		X	X	X		

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		5/21 12:09	2		
3			4		
5			6		

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

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Project Manager:	Becky Haskell	Bill to: (if different)	Shelly Cowden
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
Address:	209 W McKay Street	Address:	
City, State ZIP:	Carlsbad, NM	City, State ZIP:	
Phone:		Email:	

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COG Sombrero	Turn Around	
Project Number:	249381	☑ Routine ☐ Rush	
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	Clayton T. Lang W	TAT starts the day received by the lab, if received by 4:30pm	
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:	113	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	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
CS-41		5/20/2025		X		Comp	1		X	X	X		
CS-42		5/20/2025		X		Comp	1		X	X	X		
CS-43		5/20/2025		X		Comp	1		X	X	X		
CS-44		5/20/2025		X		Comp	1		X	X	X		
CS-45		5/20/2025		X		Comp	1		X	X	X		
CS-46		5/20/2025		X		Comp	1		X	X	X		
CS-47		5/20/2025		X		Comp	1		X	X	X		
CS-48		5/20/2025		X		Comp	1		X	X	X		
SW-1		5/20/2025		X		Comp	1		X	X	X		
SW-2		5/20/2025		X		Comp	1		X	X	X		

Additional Comments:

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			5/21 1259	2		
3				4		
5				6		

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Received by OCD: 1/16/2026 12:00:47 AM

Released to Imaging: 3/9/2026 10:21:05 AM

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

5/28/2025

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Project Manager:	Becky Haskell	Bill to: (if different)	Shelly Cowden
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
Address:	209 W McKay Street	Address:	
City, State ZIP:	Carlsbad, NM	City, State ZIP:	
Phone:		Email:	

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COG Sombrero	Turn Around	☑ Routine ☐ Rush
Project Number:	249381	Due Date:	
Project Location	Lea County, NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Clayton T, Lang W		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	TNmc2
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-12.0
Total Containers:	113	Corrected Temperature:	-11.8

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	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
SW-3		5/20/2025		X		Comp	1		X	X	X		
SW-4		5/20/2025		X		Comp	1		X	X	X		
SW-5		5/20/2025		X		Comp	1		X	X	X		
SW-6		5/20/2025		X		Comp	1		X	X	X		
SW-7		5/20/2025		X		Comp	1		X	X	X		
SW-8		5/20/2025		X		Comp	1		X	X	X		
SW-9		5/20/2025		X		Comp	1		X	X	X		
SW-10		5/20/2025		X		Comp	1		X	X	X		
SW-11		5/20/2025		X		Comp	1		X	X	X		
SW-12		5/20/2025		X		Comp	1		X	X	X		

Additional Comments:

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time		Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			5/21 12:09	2			
3				4			
5				6			

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Received by OCD: 1/16/2026 12:00:47 AM

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

5/28/2025

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Project Manager:	Becky Haskell	Bill to: (if different)	Shelly Cowden
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
Address:	209 W McKay Street	Address:	
City, State ZIP:	Carlsbad, NM	City, State ZIP:	
Phone:	Email:		

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COG Sombrero	Turn Around	☑ Routine ☐ Rush
Project Number:	249381	Due Date:	
Project Location	Lea County, NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Clayton T, Lang W		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	TNmec
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-12.9
Total Containers:	113	Corrected Temperature:	-11.8

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	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
SW-13		5/20/2025		X		Comp	1		X	X	X		
SW-14		5/20/2025		X		Comp	1		X	X	X		
SW-15		5/20/2025		X		Comp	1		X	X	X		
SW-16		5/20/2025		X		Comp	1		X	X	X		
SW-17		5/20/2025		X		Comp	1		X	X	X		
SW-18		5/20/2025		X		Comp	1		X	X	X		
SW-19		5/20/2025		X		Comp	1		X	X	X		
SW-20		5/20/2025		X		Comp	1		X	X	X		
SW-21		5/20/2025		X		Comp	1		X	X	X		
SW-22		5/20/2025		X		Comp	1		X	X	X		

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		5/21 12:09	2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

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Received by OCD: 1/16/2026 12:00:47 AM

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

5/28/2025

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Project Manager:	Becky Haskell	Bill to: (if different)	Shelly Cowden
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
Address:	209 W McKay Street	Address:	
City, State ZIP:	Carlsbad, NM	City, State ZIP:	
Phone:		Email:	

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COG Sombrero	Turn Around	
Project Number:	249381	☑ Routine ☐ Rush	
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	Clayton T, Lang W	TAT starts the day received by the lab, if received by 4:30pm	
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:	113	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	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
SW-23		5/20/2025		X		Comp	1		X	X	X		
SW-24		5/20/2025		X		Comp	1		X	X	X		
SW-25		5/20/2025		X		Comp	1		X	X	X		
SW-26		5/20/2025		X		Comp	1		X	X	X		
SW-27		5/20/2025		X		Comp	1		X	X	X		
SW-28		5/20/2025		X		Comp	1		X	X	X		
SW-29		5/20/2025		X		Comp	1		X	X	X		
SW-30		5/20/2025		X		Comp	1		X	X	X		
SW-31		5/20/2025		X		Comp	1		X	X	X		
SW-32		5/20/2025		X		Comp	1		X	X	X		

Additional Comments:

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

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

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Project Manager:	Becky Haskell	Bill to: (if different)	Shelly Cowden
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
Address:	209 W McKay Street	Address:	
City, State ZIP:	Carlsbad, NM	City, State ZIP:	
Phone:		Email:	

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COG Sombrero	Turn Around	☑ Routine ☐ Rush
Project Number:	249381	Due Date:	
Project Location	Lea County, NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Clayton T, Lang W		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	Tylmoc
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.7
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-12.6
Total Containers:	113	Corrected Temperature:	-11.8

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	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
SW-33		5/20/2025		X		Comp	1		X	X	X		
SW-34		5/20/2025		X		Comp	1		X	X	X		
SW-35		5/20/2025		X		Comp	1		X	X	X		
SW-36		5/20/2025		X		Comp	1		X	X	X		
SW-37		5/20/2025		X		Comp	1		X	X	X		
SW-38		5/20/2025		X		Comp	1		X	X	X		
SW-39		5/20/2025		X		Comp	1		X	X	X		
SW-40		5/20/2025		X		Comp	1		X	X	X		
SW-41		5/20/2025		X		Comp	1		X	X	X		
SW-42		5/20/2025		X		Comp	1		X	X	X		

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			2		
3		5/21 1209	4		
5			6		

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

5/28/2025

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Project Manager:	Becky Haskell	Bill to: (if different)	Shelly Cowden
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
Address:	209 W McKay Street	Address:	
City, State ZIP:	Carlsbad, NM	City, State ZIP:	
Phone:		Email:	

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COG Sombrero	Turn Around	
Project Number:	249381	☑ Routine ☐ Rush	
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	Clayton T. Lang W	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	(illegible)
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-12.9
Total Containers:	113	Corrected Temperature:	-11.9

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	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
SW-43		5/20/2025		X		Comp	1		X	X	X		
SW-44		5/20/2025		X		Comp	1		X	X	X		
SW-45		5/20/2025		X		Comp	1		X	X	X		
SW-46		5/20/2025		X		Comp	1		X	X	X		
SW-47		5/20/2025		X		Comp	1		X	X	X		
SW-48		5/20/2025		X		Comp	1		X	X	X		
SW-49		5/20/2025		X		Comp	1		X	X	X		
SW-50		5/20/2025		X		Comp	1		X	X	X		
SW-51		5/20/2025		X		Comp	1		X	X	X		
SW-52		5/20/2025		X		Comp	1		X	X	X		

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		5/21 1209			
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

5/28/2025

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Project Manager:	Becky Haskell	Bill to: (if different)	Shelly Cowden
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
Address:	209 W McKay Street	Address:	
City, State ZIP:	Carlsbad, NM	City, State ZIP:	
Phone:		Email:	

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COG Sombrero	Turn Around	
Project Number:	249381	☑ Routine ☐ Rush	
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	Clayton T, Lang W	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	Tracer
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-12.6
Total Containers:	113	Corrected Temperature:	-11.8

ANALYSIS REQUEST

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	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
SW-53		5/20/2025		X		Comp	1		X	X	X		
SW-54		5/20/2025		X		Comp	1		X	X	X		
SW-55		5/20/2025		X		Comp	1		X	X	X		
SW-56		5/20/2025		X		Comp	1		X	X	X		
SW-57		5/20/2025		X		Comp	1		X	X	X		
SW-58		5/20/2025		X		Comp	1		X	X	X		
SW-59		5/20/2025		X		Comp	1		X	X	X		
SW-60		5/20/2025		X		Comp	1		X	X	X		
SW-61		5/20/2025		X		Comp	1		X	X	X		
SW-62		5/20/2025		X		Comp	1		X	X	X		

Additional Comments:

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

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			5/21 1795			
3				4		
5				6		

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

5/28/2025

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Project Manager:	Becky Haskell	Bill to: (if different)	Shelly Cowden
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
Address:	209 W McKay Street	Address:	
City, State ZIP:	Carlsbad, NM	City, State ZIP:	
Phone:		Email:	

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COG Sombrero	Turn Around	☑ Routine ☐ Rush
Project Number:	249381	Due Date:	
Project Location	Lea County, NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Clayton T, Lang W		
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:	113	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	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
SW-63		5/20/2025		X		Comp	1		X	X	X		
SW-64		5/20/2025		X		Comp	1		X	X	X		
SW-65		5/20/2025		X		Comp	1		X	X	X		

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		5/21 12:09	2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

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Received by OCD: 1/16/2026 12:00:47 AM

Released to Imaging: 3/9/2026 10:21:05 AM

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-8213-1
SDG Number: 249381

Login Number: 8213
List Number: 1
Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
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: NT Global

Job Number: 890-8213-1
SDG Number: 249381

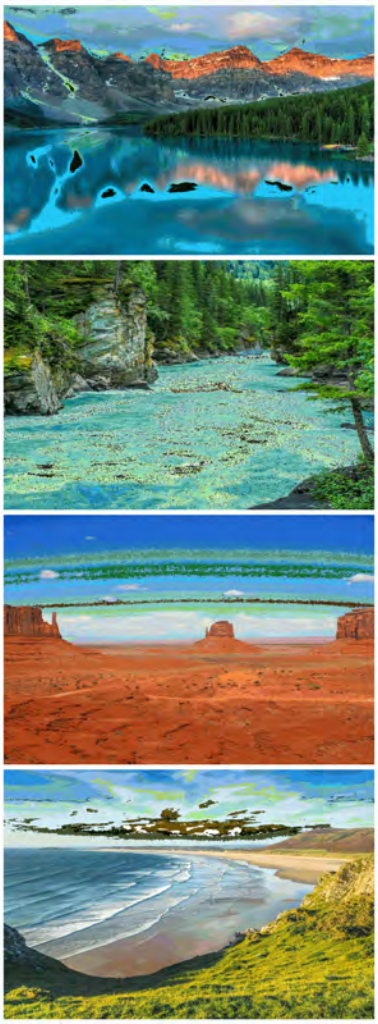
Login Number: 8213
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 05/22/25 07:48 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Report to:

Becky Haskell



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

NTG-New Tech Global Environmental

Project Name:	COG Sombrero
Work Order:	E506022
Job Number:	23087-0002
Received:	6/5/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/11/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 6/11/25

Becky Haskell
911 Regional Park Dr.
Houston, TX 77060

Project Name: COG Sombrero
Workorder: E506022
Date Received: 6/5/2025 7:00:00AM

Becky Haskell,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/5/2025 7:00:00AM, under the Project Name: COG Sombrero.

The analytical test results summarized in this report with the Project Name: COG Sombrero apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Sample Summary

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	**Reported:**
911 Regional Park Dr.	Project Number:	23087-0002	
Houston TX, 77060	Project Manager:	Becky Haskell	06/11/25 08:38

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BF-2	E506022-01A	Soil	06/04/25	06/05/25	Glass Jar, 4 oz.

Sample Data

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	
911 Regional Park Dr.	Project Number:	23087-0002	**Reported:**
Houston TX, 77060	Project Manager:	Becky Haskell	6/11/2025 8:38:35AM

BF-2

E506022-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2523105
Benzene	ND	0.0250	1	06/05/25	06/06/25	
Ethylbenzene	ND	0.0250	1	06/05/25	06/06/25	
Toluene	ND	0.0250	1	06/05/25	06/06/25	
o-Xylene	ND	0.0250	1	06/05/25	06/06/25	
p,m-Xylene	ND	0.0500	1	06/05/25	06/06/25	
Total Xylenes	ND	0.0250	1	06/05/25	06/06/25	
Surrogate: 4-Bromochlorobenzene-PID		*89.1 %*	*70-130*	*06/05/25*	*06/06/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2523105
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/05/25	06/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.9 %*	*70-130*	*06/05/25*	*06/06/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2523100
Diesel Range Organics (C10-C28)	ND	25.0	1	06/05/25	06/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/05/25	06/06/25	
Surrogate: n-Nonane		*115 %*	*61-141*	*06/05/25*	*06/06/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2523108
Chloride	ND	20.0	1	06/05/25	06/05/25	

QC Summary Data

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	**Reported:**
911 Regional Park Dr.	Project Number:	23087-0002	
Houston TX, 77060	Project Manager:	Becky Haskell	6/11/2025 8:38:35AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2523105-BLK1)									Prepared: 06/05/25 Analyzed: 06/05/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.24*		*8.00*		*90.5*	*70-130*			
LCS (2523105-BS1)									Prepared: 06/05/25 Analyzed: 06/05/25
Benzene	5.13	0.0250	5.00		103	70-130			
Ethylbenzene	5.02	0.0250	5.00		100	70-130			
Toluene	5.09	0.0250	5.00		102	70-130			
o-Xylene	4.98	0.0250	5.00		99.6	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.1	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.25*		*8.00*		*90.6*	*70-130*			
Matrix Spike (2523105-MS1)				**Source: E506025-21**					Prepared: 06/05/25 Analyzed: 06/06/25
Benzene	4.52	0.0250	5.00	ND	90.4	70-130			
Ethylbenzene	4.43	0.0250	5.00	ND	88.6	70-130			
Toluene	4.49	0.0250	5.00	ND	89.8	70-130			
o-Xylene	4.40	0.0250	5.00	ND	88.0	70-130			
p,m-Xylene	8.98	0.0500	10.0	ND	89.8	70-130			
Total Xylenes	13.4	0.0250	15.0	ND	89.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.15*		*8.00*		*89.4*	*70-130*			
Matrix Spike Dup (2523105-MSD1)				**Source: E506025-21**					Prepared: 06/05/25 Analyzed: 06/06/25
Benzene	4.94	0.0250	5.00	ND	98.8	70-130	8.88	27	
Ethylbenzene	4.85	0.0250	5.00	ND	97.1	70-130	9.11	26	
Toluene	4.91	0.0250	5.00	ND	98.2	70-130	8.91	20	
o-Xylene	4.78	0.0250	5.00	ND	95.6	70-130	8.36	25	
p,m-Xylene	9.81	0.0500	10.0	ND	98.1	70-130	8.85	23	
Total Xylenes	14.6	0.0250	15.0	ND	97.3	70-130	8.69	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.10*		*8.00*		*88.7*	*70-130*			

QC Summary Data

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	**Reported:**
911 Regional Park Dr.	Project Number:	23087-0002	
Houston TX, 77060	Project Manager:	Becky Haskell	6/11/2025 8:38:35AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2523105-BLK1)									Prepared: 06/05/25 Analyzed: 06/05/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.74*		*8.00*		*96.7*	*70-130*			
LCS (2523105-BS2)									Prepared: 06/05/25 Analyzed: 06/05/25
Gasoline Range Organics (C6-C10)	39.6	20.0	50.0		79.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.87*		*8.00*		*98.4*	*70-130*			
Matrix Spike (2523105-MS2)				**Source: E506025-21**					Prepared: 06/05/25 Analyzed: 06/06/25
Gasoline Range Organics (C6-C10)	43.9	20.0	50.0	ND	87.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.98*		*8.00*		*99.8*	*70-130*			
Matrix Spike Dup (2523105-MSD2)				**Source: E506025-21**					Prepared: 06/05/25 Analyzed: 06/06/25
Gasoline Range Organics (C6-C10)	40.9	20.0	50.0	ND	81.8	70-130	7.16	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.82*		*8.00*		*97.8*	*70-130*			

QC Summary Data

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	**Reported:**
911 Regional Park Dr.	Project Number:	23087-0002	
Houston TX, 77060	Project Manager:	Becky Haskell	6/11/2025 8:38:35AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2523100-BLK1)									Prepared: 06/05/25 Analyzed: 06/05/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*56.9*		*50.0*		*114*	*61-141*			
LCS (2523100-BS1)									Prepared: 06/05/25 Analyzed: 06/05/25
Diesel Range Organics (C10-C28)	284	25.0	250		114	66-144			
Surrogate: n-Nonane	*54.4*		*50.0*		*109*	*61-141*			
Matrix Spike (2523100-MS1)				**Source: E505335-03RE1**					Prepared: 06/05/25 Analyzed: 06/05/25
Diesel Range Organics (C10-C28)	290	25.0	250	ND	116	56-156			
Surrogate: n-Nonane	*57.8*		*50.0*		*116*	*61-141*			
Matrix Spike Dup (2523100-MSD1)				**Source: E505335-03RE1**					Prepared: 06/05/25 Analyzed: 06/05/25
Diesel Range Organics (C10-C28)	288	25.0	250	ND	115	56-156	0.663	20	
Surrogate: n-Nonane	*54.4*		*50.0*		*109*	*61-141*			

QC Summary Data

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	**Reported:**
911 Regional Park Dr.	Project Number:	23087-0002	
Houston TX, 77060	Project Manager:	Becky Haskell	6/11/2025 8:38:35AM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2523108-BLK1)									Prepared: 06/05/25 Analyzed: 06/05/25
Chloride	ND	20.0							
LCS (2523108-BS1)									Prepared: 06/05/25 Analyzed: 06/05/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2523108-MS1)				**Source: E506021-01**					Prepared: 06/05/25 Analyzed: 06/05/25
Chloride	436	20.0	250	106	132	80-120			M2
Matrix Spike Dup (2523108-MSD1)				**Source: E506021-01**					Prepared: 06/05/25 Analyzed: 06/05/25
Chloride	367	20.0	250	106	104	80-120	17.3	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	
911 Regional Park Dr.	Project Number:	23087-0002	**Reported:**
Houston TX, 77060	Project Manager:	Becky Haskell	06/11/25 08:38

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Released to Imaging: 3/9/2026 10:21:05 AM
Received by OCD: 1/16/2026 12:00:47 AM

Chain of Custody

NTG ENVIRONMENTAL

Work Order No: E506022
Job # 23087-0002

Page 1 of 1

Project Manager:	Becky Haskell	Bill to: (if different)	Shelly Cowden
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
Address:	209 W McKay Street	Address:	
City, State ZIP:	Carlsbad, NM	City, State ZIP:	
Phone:		Email:	

Work Order Comments

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

Project Name:	COG Sombrero	Turn Around	
Project Number:	249381	☑ Routine ☐ Rush	
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	Clayton T	TAT starts the day received by the lab, if received by 4:30pm	
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:	4.2	
Total Containers:	1	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	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
BF-2		6/4/2025		X		Comp	1	X	X	X	1	4.2

Additional Comments:

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

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	Richard Gonzales	Michelle Gonzales	6-4-25 1045	Michelle Gonzales	Richard Gonzales	6-4-25 23:00
3	Richard Gonzales	Carla Mar	10-5-25 700	4		
5				6		

Revised Date 05012020 Rev. 2020.1

Envirotech Analytical Laboratory

Printed: 6/5/2025 9:45:54AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	NTG-New Tech Global Environmental	Date Received:	06/05/25 07:00	Work Order ID:	E506022
Phone:	(281) 872-9300	Date Logged In:	06/04/25 14:25	Logged In By:	Caitlin Mars
Email:	bhaskell@ntglobal.com	Due Date:	06/11/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes	
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filtration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

Time sampled not provided on COC.

Client Instruction

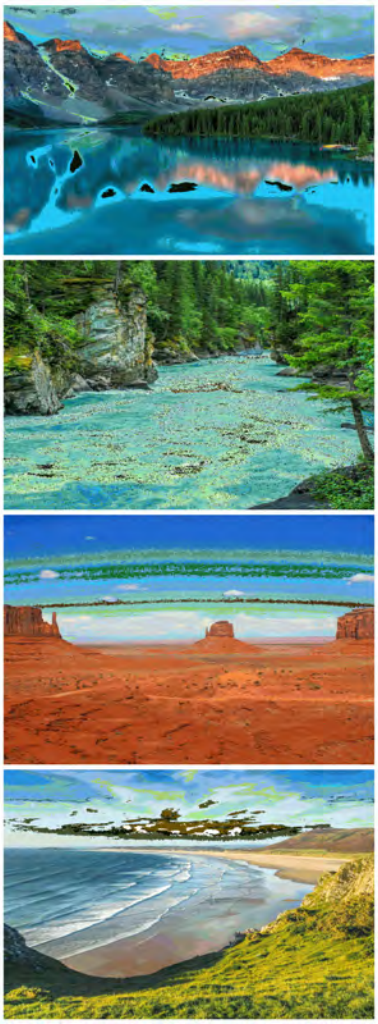
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Becky Haskell



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

NTG-New Tech Global Environmental

Project Name:	COG Sombrero
Work Order:	E506023
Job Number:	23087-0002
Received:	6/5/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/11/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 6/11/25

Becky Haskell
911 Regional Park Dr.
Houston, TX 77060

Project Name: COG Sombrero
Workorder: E506023
Date Received: 6/5/2025 7:00:00AM

Becky Haskell,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/5/2025 7:00:00AM, under the Project Name: COG Sombrero.

The analytical test results summarized in this report with the Project Name: COG Sombrero apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Field Offices:

Southern New Mexico Area

Lynn Jarboe
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Office: 505-421-LABS(5227)
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ljarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
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Cell: 505-947-8222
mgonzales@envirotech-inc.com

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Sample Summary

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	**Reported:**
911 Regional Park Dr.	Project Number:	23087-0002	
Houston TX, 77060	Project Manager:	Becky Haskell	06/11/25 08:40

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BF-3	E506023-01A	Soil	06/04/25	06/05/25	Glass Jar, 4 oz.

Sample Data

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	
911 Regional Park Dr.	Project Number:	23087-0002	**Reported:**
Houston TX, 77060	Project Manager:	Becky Haskell	6/11/2025 8:40:47AM

BF-3

E506023-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2523105
Benzene	ND	0.0250	1	06/05/25	06/06/25	
Ethylbenzene	ND	0.0250	1	06/05/25	06/06/25	
Toluene	ND	0.0250	1	06/05/25	06/06/25	
o-Xylene	ND	0.0250	1	06/05/25	06/06/25	
p,m-Xylene	ND	0.0500	1	06/05/25	06/06/25	
Total Xylenes	ND	0.0250	1	06/05/25	06/06/25	
Surrogate: 4-Bromochlorobenzene-PID		*89.9 %*	*70-130*	*06/05/25*	*06/06/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2523105
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/05/25	06/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.6 %*	*70-130*	*06/05/25*	*06/06/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2523100
Diesel Range Organics (C10-C28)	ND	25.0	1	06/05/25	06/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/05/25	06/06/25	
Surrogate: n-Nonane		*115 %*	*61-141*	*06/05/25*	*06/06/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2523108
Chloride	ND	20.0	1	06/05/25	06/05/25	

QC Summary Data

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	**Reported:**
911 Regional Park Dr.	Project Number:	23087-0002	
Houston TX, 77060	Project Manager:	Becky Haskell	6/11/2025 8:40:47AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2523105-BLK1)									Prepared: 06/05/25 Analyzed: 06/05/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.24*		*8.00*		*90.5*	*70-130*			
LCS (2523105-BS1)									Prepared: 06/05/25 Analyzed: 06/05/25
Benzene	5.13	0.0250	5.00		103	70-130			
Ethylbenzene	5.02	0.0250	5.00		100	70-130			
Toluene	5.09	0.0250	5.00		102	70-130			
o-Xylene	4.98	0.0250	5.00		99.6	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.1	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.25*		*8.00*		*90.6*	*70-130*			
Matrix Spike (2523105-MS1)				**Source: E506025-21**					Prepared: 06/05/25 Analyzed: 06/06/25
Benzene	4.52	0.0250	5.00	ND	90.4	70-130			
Ethylbenzene	4.43	0.0250	5.00	ND	88.6	70-130			
Toluene	4.49	0.0250	5.00	ND	89.8	70-130			
o-Xylene	4.40	0.0250	5.00	ND	88.0	70-130			
p,m-Xylene	8.98	0.0500	10.0	ND	89.8	70-130			
Total Xylenes	13.4	0.0250	15.0	ND	89.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.15*		*8.00*		*89.4*	*70-130*			
Matrix Spike Dup (2523105-MSD1)				**Source: E506025-21**					Prepared: 06/05/25 Analyzed: 06/06/25
Benzene	4.94	0.0250	5.00	ND	98.8	70-130	8.88	27	
Ethylbenzene	4.85	0.0250	5.00	ND	97.1	70-130	9.11	26	
Toluene	4.91	0.0250	5.00	ND	98.2	70-130	8.91	20	
o-Xylene	4.78	0.0250	5.00	ND	95.6	70-130	8.36	25	
p,m-Xylene	9.81	0.0500	10.0	ND	98.1	70-130	8.85	23	
Total Xylenes	14.6	0.0250	15.0	ND	97.3	70-130	8.69	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.10*		*8.00*		*88.7*	*70-130*			

QC Summary Data

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	**Reported:**
911 Regional Park Dr.	Project Number:	23087-0002	
Houston TX, 77060	Project Manager:	Becky Haskell	6/11/2025 8:40:47AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2523105-BLK1)									Prepared: 06/05/25 Analyzed: 06/05/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.74*		*8.00*		*96.7*	*70-130*			
LCS (2523105-BS2)									Prepared: 06/05/25 Analyzed: 06/05/25
Gasoline Range Organics (C6-C10)	39.6	20.0	50.0		79.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.87*		*8.00*		*98.4*	*70-130*			
Matrix Spike (2523105-MS2)				**Source: E506025-21**					Prepared: 06/05/25 Analyzed: 06/06/25
Gasoline Range Organics (C6-C10)	43.9	20.0	50.0	ND	87.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.98*		*8.00*		*99.8*	*70-130*			
Matrix Spike Dup (2523105-MSD2)				**Source: E506025-21**					Prepared: 06/05/25 Analyzed: 06/06/25
Gasoline Range Organics (C6-C10)	40.9	20.0	50.0	ND	81.8	70-130	7.16	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.82*		*8.00*		*97.8*	*70-130*			

QC Summary Data

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	**Reported:**
911 Regional Park Dr.	Project Number:	23087-0002	
Houston TX, 77060	Project Manager:	Becky Haskell	6/11/2025 8:40:47AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2523100-BLK1)									Prepared: 06/05/25 Analyzed: 06/05/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*56.9*		*50.0*		*114*	*61-141*			
LCS (2523100-BS1)									Prepared: 06/05/25 Analyzed: 06/05/25
Diesel Range Organics (C10-C28)	284	25.0	250		114	66-144			
Surrogate: n-Nonane	*54.4*		*50.0*		*109*	*61-141*			
Matrix Spike (2523100-MS1)				**Source: E505335-03RE1**					Prepared: 06/05/25 Analyzed: 06/05/25
Diesel Range Organics (C10-C28)	290	25.0	250	ND	116	56-156			
Surrogate: n-Nonane	*57.8*		*50.0*		*116*	*61-141*			
Matrix Spike Dup (2523100-MSD1)				**Source: E505335-03RE1**					Prepared: 06/05/25 Analyzed: 06/05/25
Diesel Range Organics (C10-C28)	288	25.0	250	ND	115	56-156	0.663	20	
Surrogate: n-Nonane	*54.4*		*50.0*		*109*	*61-141*			

QC Summary Data

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	**Reported:**
911 Regional Park Dr.	Project Number:	23087-0002	
Houston TX, 77060	Project Manager:	Becky Haskell	6/11/2025 8:40:47AM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2523108-BLK1)									Prepared: 06/05/25 Analyzed: 06/05/25
Chloride	ND	20.0							
LCS (2523108-BS1)									Prepared: 06/05/25 Analyzed: 06/05/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2523108-MS1)				**Source: E506021-01**					Prepared: 06/05/25 Analyzed: 06/05/25
Chloride	436	20.0	250	106	132	80-120			M2
Matrix Spike Dup (2523108-MSD1)				**Source: E506021-01**					Prepared: 06/05/25 Analyzed: 06/05/25
Chloride	367	20.0	250	106	104	80-120	17.3	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	
911 Regional Park Dr.	Project Number:	23087-0002	**Reported:**
Houston TX, 77060	Project Manager:	Becky Haskell	06/11/25 08:40

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Released to Imaging: 3/9/2026 10:21:05 AM
Received by OCD: 1/16/2026 12:00:47 AM

Chain of Custody

NTG ENVIRONMENTAL

Work Order No: E5060023 ~~500~~

Job # 23087-0002

Project Manager:	Becky Haskell	Bill to: (if different)	Shelly Cowden
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
Address:	209 W McKay Street	Address:	
City, State ZIP:	Carlsbad, NM	City, State ZIP:	
Phone:		Email:	

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	COG Sombrero	Turn Around	
Project Number:	249381	☑ Routine ☐ Rush	
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	Clayton T	TAT starts the day received by the lab, if received by 4:30pm	
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:	3.6
Total Containers:	1	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	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
BF-3		6/4/2025		X		Comp	1		X	X	X	1	3.6

Parameters

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	Michelle Gonzales	6.4.25 1045	Michelle Gonzales	Richard Gonzales	6.4.25 23:00
3 Richard Gonzales	Cath Mar	6.5.25 700	4		
5			6		

Revised Date 05012020 Rev. 2020.1

Envirotech Analytical Laboratory

Printed: 6/5/2025 9:52:19AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	NTG-New Tech Global Environmental	Date Received:	06/05/25 07:00	Work Order ID:	E506023
Phone:	(281) 872-9300	Date Logged In:	06/04/25 14:27	Logged In By:	Caitlin Mars
Email:	bhaskell@ntglobal.com	Due Date:	06/11/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes	
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filtration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

Time sampled not provided on COC.

Client Instruction

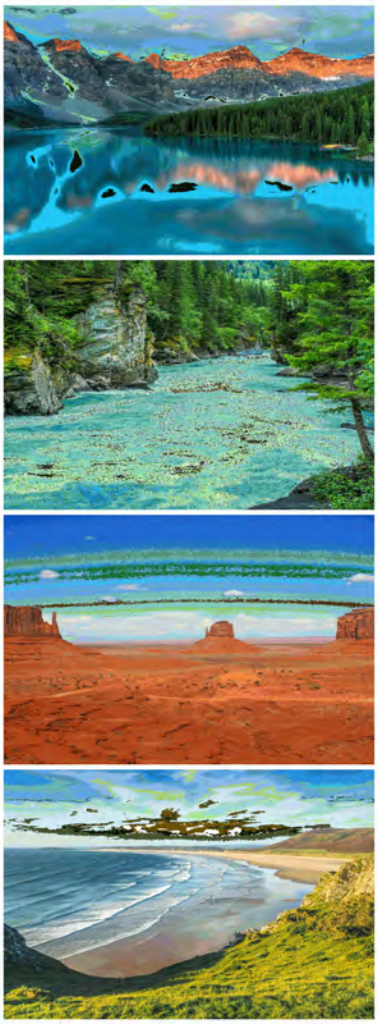
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Becky Haskell



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

NTG-New Tech Global Environmental

Project Name:	COG Sombrero
Work Order:	E506178
Job Number:	23087-0002
Received:	6/23/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/26/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
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Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 6/26/25

Becky Haskell
911 Regional Park Dr.
Houston, TX 77060

Project Name: COG Sombrero
Workorder: E506178
Date Received: 6/23/2025 6:45:00AM

Becky Haskell,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/23/2025 6:45:00AM, under the Project Name: COG Sombrero.

The analytical test results summarized in this report with the Project Name: COG Sombrero apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
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Raina Schwanz
Laboratory Administrator
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	**Reported:**
911 Regional Park Dr.	Project Number:	23087-0002	
Houston TX, 77060	Project Manager:	Becky Haskell	06/26/25 14:37

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-55	E506178-01A	Soil	06/19/25	06/23/25	Glass Jar, 4 oz.
CS-56	E506178-02A	Soil	06/19/25	06/23/25	Glass Jar, 4 oz.
CS-57	E506178-03A	Soil	06/19/25	06/23/25	Glass Jar, 4 oz.
CS-58	E506178-04A	Soil	06/19/25	06/23/25	Glass Jar, 4 oz.
CS-59	E506178-05A	Soil	06/19/25	06/23/25	Glass Jar, 4 oz.
CS-60	E506178-06A	Soil	06/19/25	06/23/25	Glass Jar, 4 oz.
CS-61	E506178-07A	Soil	06/19/25	06/23/25	Glass Jar, 4 oz.
SW-76	E506178-08A	Soil	06/19/25	06/23/25	Glass Jar, 4 oz.
SW-77	E506178-09A	Soil	06/19/25	06/23/25	Glass Jar, 4 oz.
SW-78	E506178-10A	Soil	06/19/25	06/23/25	Glass Jar, 4 oz.
SW-79	E506178-11A	Soil	06/19/25	06/23/25	Glass Jar, 4 oz.
SW-80	E506178-12A	Soil	06/19/25	06/23/25	Glass Jar, 4 oz.
SW-81	E506178-13A	Soil	06/19/25	06/23/25	Glass Jar, 4 oz.
SW-82	E506178-14A	Soil	06/19/25	06/23/25	Glass Jar, 4 oz.
SW-83	E506178-15A	Soil	06/19/25	06/23/25	Glass Jar, 4 oz.
SW-84	E506178-16A	Soil	06/19/25	06/23/25	Glass Jar, 4 oz.
SW-85	E506178-17A	Soil	06/19/25	06/23/25	Glass Jar, 4 oz.

Sample Data

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	
911 Regional Park Dr.	Project Number:	23087-0002	**Reported:**
Houston TX, 77060	Project Manager:	Becky Haskell	6/26/2025 2:37:32PM

CS-55

E506178-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2525111
Benzene	ND	0.0250	1	06/20/25	06/23/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/23/25	
Toluene	ND	0.0250	1	06/20/25	06/23/25	
o-Xylene	ND	0.0250	1	06/20/25	06/23/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/23/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/23/25	
Surrogate: 4-Bromochlorobenzene-PID		*88.7 %*	*70-130*	*06/20/25*	*06/23/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2525111
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.4 %*	*70-130*	*06/20/25*	*06/23/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2526015
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/23/25	
Surrogate: n-Nonane		*91.0 %*	*61-141*	*06/23/25*	*06/23/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2526006
Chloride	**30.3**	20.0	1	06/23/25	06/23/25	

Sample Data

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	
911 Regional Park Dr.	Project Number:	23087-0002	**Reported:**
Houston TX, 77060	Project Manager:	Becky Haskell	6/26/2025 2:37:32PM

CS-56

E506178-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2525111
Benzene	ND	0.0250	1	06/20/25	06/23/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/23/25	
Toluene	ND	0.0250	1	06/20/25	06/23/25	
o-Xylene	ND	0.0250	1	06/20/25	06/23/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/23/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/23/25	
Surrogate: 4-Bromochlorobenzene-PID		*85.5 %*	*70-130*	*06/20/25*	*06/23/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2525111
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*06/20/25*	*06/23/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2526015
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/23/25	
Surrogate: n-Nonane		*92.4 %*	*61-141*	*06/23/25*	*06/23/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2526006
Chloride	ND	20.0	1	06/23/25	06/23/25	

Sample Data

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	
911 Regional Park Dr.	Project Number:	23087-0002	**Reported:**
Houston TX, 77060	Project Manager:	Becky Haskell	6/26/2025 2:37:32PM

CS-57

E506178-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2525111
Benzene	ND	0.0250	1	06/20/25	06/23/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/23/25	
Toluene	ND	0.0250	1	06/20/25	06/23/25	
o-Xylene	ND	0.0250	1	06/20/25	06/23/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/23/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/23/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.2 %*	*70-130*	*06/20/25*	*06/23/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2525111
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*06/20/25*	*06/23/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2526015
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/23/25	
Surrogate: n-Nonane		*88.1 %*	*61-141*	*06/23/25*	*06/23/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2526006
Chloride	**218**	20.0	1	06/23/25	06/23/25	

Sample Data

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	
911 Regional Park Dr.	Project Number:	23087-0002	**Reported:**
Houston TX, 77060	Project Manager:	Becky Haskell	6/26/2025 2:37:32PM

CS-58

E506178-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2525111
Benzene	ND	0.0250	1	06/20/25	06/23/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/23/25	
Toluene	ND	0.0250	1	06/20/25	06/23/25	
o-Xylene	ND	0.0250	1	06/20/25	06/23/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/23/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/23/25	
Surrogate: 4-Bromochlorobenzene-PID		*84.8 %*	*70-130*	*06/20/25*	*06/23/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2525111
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*06/20/25*	*06/23/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2526015
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/23/25	
Surrogate: n-Nonane		*91.1 %*	*61-141*	*06/23/25*	*06/23/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2526006
Chloride	ND	20.0	1	06/23/25	06/23/25	

Sample Data

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	
911 Regional Park Dr.	Project Number:	23087-0002	**Reported:**
Houston TX, 77060	Project Manager:	Becky Haskell	6/26/2025 2:37:32PM

CS-59

E506178-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2525111
Benzene	ND	0.0250	1	06/20/25	06/23/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/23/25	
Toluene	ND	0.0250	1	06/20/25	06/23/25	
o-Xylene	ND	0.0250	1	06/20/25	06/23/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/23/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/23/25	
Surrogate: 4-Bromochlorobenzene-PID		*82.7 %*	*70-130*	*06/20/25*	*06/23/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2525111
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*	*70-130*	*06/20/25*	*06/23/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2526015
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/23/25	
Surrogate: n-Nonane		*93.4 %*	*61-141*	*06/23/25*	*06/23/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2526006
Chloride	**21.9**	20.0	1	06/23/25	06/23/25	

Sample Data

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	
911 Regional Park Dr.	Project Number:	23087-0002	**Reported:**
Houston TX, 77060	Project Manager:	Becky Haskell	6/26/2025 2:37:32PM

CS-60

E506178-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2525111
Benzene	ND	0.0250	1	06/20/25	06/23/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/23/25	
Toluene	ND	0.0250	1	06/20/25	06/23/25	
o-Xylene	ND	0.0250	1	06/20/25	06/23/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/23/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/23/25	
Surrogate: 4-Bromochlorobenzene-PID		*83.8 %*	*70-130*	*06/20/25*	*06/23/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2525111
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.2 %*	*70-130*	*06/20/25*	*06/23/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2526015
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/23/25	
Surrogate: n-Nonane		*91.4 %*	*61-141*	*06/23/25*	*06/23/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2526006
Chloride	**25.2**	20.0	1	06/23/25	06/23/25	

Sample Data

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	
911 Regional Park Dr.	Project Number:	23087-0002	**Reported:**
Houston TX, 77060	Project Manager:	Becky Haskell	6/26/2025 2:37:32PM

CS-61

E506178-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2525111
Benzene	ND	0.0250	1	06/20/25	06/23/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/23/25	
Toluene	ND	0.0250	1	06/20/25	06/23/25	
o-Xylene	ND	0.0250	1	06/20/25	06/23/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/23/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/23/25	
Surrogate: 4-Bromochlorobenzene-PID		*83.0 %*	*70-130*	*06/20/25*	*06/23/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2525111
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*	*70-130*	*06/20/25*	*06/23/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2526015
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/23/25	
Surrogate: n-Nonane		*93.5 %*	*61-141*	*06/23/25*	*06/23/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2526006
Chloride	**22.7**	20.0	1	06/23/25	06/23/25	

Sample Data

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	
911 Regional Park Dr.	Project Number:	23087-0002	**Reported:**
Houston TX, 77060	Project Manager:	Becky Haskell	6/26/2025 2:37:32PM

SW-76

E506178-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2525111
Benzene	ND	0.0250	1	06/20/25	06/23/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/23/25	
Toluene	ND	0.0250	1	06/20/25	06/23/25	
o-Xylene	ND	0.0250	1	06/20/25	06/23/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/23/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/23/25	
Surrogate: 4-Bromochlorobenzene-PID		*83.1 %*	*70-130*	*06/20/25*	*06/23/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2525111
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.8 %*	*70-130*	*06/20/25*	*06/23/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2526015
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/23/25	
Oil Range Organics (C28-C36)	**54.2**	50.0	1	06/23/25	06/23/25	
Surrogate: n-Nonane		*91.4 %*	*61-141*	*06/23/25*	*06/23/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2526006
Chloride	**46.6**	20.0	1	06/23/25	06/23/25	

Sample Data

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	
911 Regional Park Dr.	Project Number:	23087-0002	**Reported:**
Houston TX, 77060	Project Manager:	Becky Haskell	6/26/2025 2:37:32PM

SW-77

E506178-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2525111
Benzene	ND	0.0250	1	06/20/25	06/23/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/23/25	
Toluene	ND	0.0250	1	06/20/25	06/23/25	
o-Xylene	ND	0.0250	1	06/20/25	06/23/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/23/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/23/25	
Surrogate: 4-Bromochlorobenzene-PID		*83.9 %*	*70-130*	*06/20/25*	*06/23/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2525111
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.3 %*	*70-130*	*06/20/25*	*06/23/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2526015
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/23/25	
Surrogate: n-Nonane		*89.9 %*	*61-141*	*06/23/25*	*06/23/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2526006
Chloride	**34.6**	20.0	1	06/23/25	06/23/25	

Sample Data

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	
911 Regional Park Dr.	Project Number:	23087-0002	**Reported:**
Houston TX, 77060	Project Manager:	Becky Haskell	6/26/2025 2:37:32PM

SW-78

E506178-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2525111
Benzene	ND	0.0250	1	06/20/25	06/23/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/23/25	
Toluene	ND	0.0250	1	06/20/25	06/23/25	
o-Xylene	ND	0.0250	1	06/20/25	06/23/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/23/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/23/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.0 %*	*70-130*	*06/20/25*	*06/23/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2525111
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.4 %*	*70-130*	*06/20/25*	*06/23/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2526015
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/23/25	
Surrogate: n-Nonane		*92.5 %*	*61-141*	*06/23/25*	*06/23/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2526006
Chloride	ND	20.0	1	06/23/25	06/23/25	

Sample Data

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	
911 Regional Park Dr.	Project Number:	23087-0002	**Reported:**
Houston TX, 77060	Project Manager:	Becky Haskell	6/26/2025 2:37:32PM

SW-79

E506178-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2525111
Benzene	ND	0.0250	1	06/20/25	06/23/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/23/25	
Toluene	ND	0.0250	1	06/20/25	06/23/25	
o-Xylene	ND	0.0250	1	06/20/25	06/23/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/23/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/23/25	
Surrogate: 4-Bromochlorobenzene-PID		*85.7 %*	*70-130*	*06/20/25*	*06/23/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2525111
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.1 %*	*70-130*	*06/20/25*	*06/23/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2526015
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/23/25	
Surrogate: n-Nonane		*92.3 %*	*61-141*	*06/23/25*	*06/23/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2526006
Chloride	**33.8**	20.0	1	06/23/25	06/23/25	

Sample Data

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	
911 Regional Park Dr.	Project Number:	23087-0002	**Reported:**
Houston TX, 77060	Project Manager:	Becky Haskell	6/26/2025 2:37:32PM

SW-80

E506178-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2525111
Benzene	ND	0.0250	1	06/20/25	06/23/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/23/25	
Toluene	ND	0.0250	1	06/20/25	06/23/25	
o-Xylene	ND	0.0250	1	06/20/25	06/23/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/23/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/23/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.2 %*	*70-130*	*06/20/25*	*06/23/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2525111
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.0 %*	*70-130*	*06/20/25*	*06/23/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2526015
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/23/25	
Surrogate: n-Nonane		*90.9 %*	*61-141*	*06/23/25*	*06/23/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2526006
Chloride	ND	20.0	1	06/23/25	06/23/25	

Sample Data

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	
911 Regional Park Dr.	Project Number:	23087-0002	**Reported:**
Houston TX, 77060	Project Manager:	Becky Haskell	6/26/2025 2:37:32PM

SW-81

E506178-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2525111
Benzene	ND	0.0250	1	06/20/25	06/23/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/23/25	
Toluene	ND	0.0250	1	06/20/25	06/23/25	
o-Xylene	ND	0.0250	1	06/20/25	06/23/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/23/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/23/25	
Surrogate: 4-Bromochlorobenzene-PID		*87.1 %*	*70-130*	*06/20/25*	*06/23/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2525111
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.0 %*	*70-130*	*06/20/25*	*06/23/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2526015
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		*91.7 %*	*61-141*	*06/23/25*	*06/24/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2526006
Chloride	**632**	20.0	1	06/23/25	06/23/25	

Sample Data

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	
911 Regional Park Dr.	Project Number:	23087-0002	**Reported:**
Houston TX, 77060	Project Manager:	Becky Haskell	6/26/2025 2:37:32PM

SW-82

E506178-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2525111
Benzene	ND	0.0250	1	06/20/25	06/23/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/23/25	
Toluene	ND	0.0250	1	06/20/25	06/23/25	
o-Xylene	ND	0.0250	1	06/20/25	06/23/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/23/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/23/25	
Surrogate: 4-Bromochlorobenzene-PID		*83.1 %*	*70-130*	*06/20/25*	*06/23/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2525111
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*06/20/25*	*06/23/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2526015
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		*93.6 %*	*61-141*	*06/23/25*	*06/24/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2526006
Chloride	**54.9**	20.0	1	06/23/25	06/23/25	

Sample Data

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	
911 Regional Park Dr.	Project Number:	23087-0002	**Reported:**
Houston TX, 77060	Project Manager:	Becky Haskell	6/26/2025 2:37:32PM

SW-83

E506178-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2525111
Benzene	ND	0.0250	1	06/20/25	06/23/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/23/25	
Toluene	ND	0.0250	1	06/20/25	06/23/25	
o-Xylene	ND	0.0250	1	06/20/25	06/23/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/23/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/23/25	
Surrogate: 4-Bromochlorobenzene-PID		*85.2 %*	*70-130*	*06/20/25*	*06/23/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2525111
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.3 %*	*70-130*	*06/20/25*	*06/23/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2526015
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		*90.0 %*	*61-141*	*06/23/25*	*06/24/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2526006
Chloride	**25.9**	20.0	1	06/23/25	06/23/25	

Sample Data

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	
911 Regional Park Dr.	Project Number:	23087-0002	**Reported:**
Houston TX, 77060	Project Manager:	Becky Haskell	6/26/2025 2:37:32PM

SW-84

E506178-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2525111
Benzene	ND	0.0250	1	06/20/25	06/23/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/23/25	
Toluene	ND	0.0250	1	06/20/25	06/23/25	
o-Xylene	ND	0.0250	1	06/20/25	06/23/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/23/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/23/25	
Surrogate: 4-Bromochlorobenzene-PID		*85.1 %*	*70-130*	*06/20/25*	*06/23/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2525111
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.6 %*	*70-130*	*06/20/25*	*06/23/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2526015
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		*90.4 %*	*61-141*	*06/23/25*	*06/24/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2526006
Chloride	ND	20.0	1	06/23/25	06/23/25	

Sample Data

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	
911 Regional Park Dr.	Project Number:	23087-0002	**Reported:**
Houston TX, 77060	Project Manager:	Becky Haskell	6/26/2025 2:37:32PM

SW-85

E506178-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2525111
Benzene	ND	0.0250	1	06/20/25	06/23/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/23/25	
Toluene	ND	0.0250	1	06/20/25	06/23/25	
o-Xylene	ND	0.0250	1	06/20/25	06/23/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/23/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/23/25	
Surrogate: 4-Bromochlorobenzene-PID		*84.9 %*	*70-130*	*06/20/25*	*06/23/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2525111
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.1 %*	*70-130*	*06/20/25*	*06/23/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2526015
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/25	06/24/25	
Surrogate: n-Nonane		*94.2 %*	*61-141*	*06/23/25*	*06/24/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2526006
Chloride	**54.5**	20.0	1	06/23/25	06/24/25	

QC Summary Data

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	**Reported:**
911 Regional Park Dr.	Project Number:	23087-0002	
Houston TX, 77060	Project Manager:	Becky Haskell	6/26/2025 2:37:32PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2525111-BLK1)									Prepared: 06/20/25 Analyzed: 06/23/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*6.62*		*8.00*		*82.7*	*70-130*			
LCS (2525111-BS1)									Prepared: 06/20/25 Analyzed: 06/23/25
Benzene	5.72	0.0250	5.00		114	70-130			
Ethylbenzene	5.62	0.0250	5.00		112	70-130			
Toluene	5.68	0.0250	5.00		114	70-130			
o-Xylene	5.54	0.0250	5.00		111	70-130			
p,m-Xylene	11.4	0.0500	10.0		114	70-130			
Total Xylenes	16.9	0.0250	15.0		113	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*6.87*		*8.00*		*85.8*	*70-130*			
Matrix Spike (2525111-MS1)				**Source: E506178-03**					Prepared: 06/20/25 Analyzed: 06/23/25
Benzene	5.99	0.0250	5.00	ND	120	70-130			
Ethylbenzene	5.87	0.0250	5.00	ND	117	70-130			
Toluene	5.94	0.0250	5.00	ND	119	70-130			
o-Xylene	5.79	0.0250	5.00	ND	116	70-130			
p,m-Xylene	11.8	0.0500	10.0	ND	118	70-130			
Total Xylenes	17.6	0.0250	15.0	ND	118	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*6.85*		*8.00*		*85.7*	*70-130*			
Matrix Spike Dup (2525111-MSD1)				**Source: E506178-03**					Prepared: 06/20/25 Analyzed: 06/23/25
Benzene	5.66	0.0250	5.00	ND	113	70-130	5.52	27	
Ethylbenzene	5.58	0.0250	5.00	ND	112	70-130	5.02	26	
Toluene	5.64	0.0250	5.00	ND	113	70-130	5.24	20	
o-Xylene	5.49	0.0250	5.00	ND	110	70-130	5.32	25	
p,m-Xylene	11.3	0.0500	10.0	ND	113	70-130	4.95	23	
Total Xylenes	16.8	0.0250	15.0	ND	112	70-130	5.07	26	
Surrogate: 4-Bromochlorobenzene-PID	*6.87*		*8.00*		*85.8*	*70-130*			

QC Summary Data

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	**Reported:**
911 Regional Park Dr.	Project Number:	23087-0002	
Houston TX, 77060	Project Manager:	Becky Haskell	6/26/2025 2:37:32PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2525111-BLK1)									Prepared: 06/20/25 Analyzed: 06/23/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.41*		*8.00*		*92.6*	*70-130*			
LCS (2525111-BS2)									Prepared: 06/20/25 Analyzed: 06/23/25
Gasoline Range Organics (C6-C10)	44.1	20.0	50.0		88.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.49*		*8.00*		*93.6*	*70-130*			
Matrix Spike (2525111-MS2)				**Source: E506178-03**					Prepared: 06/20/25 Analyzed: 06/23/25
Gasoline Range Organics (C6-C10)	45.3	20.0	50.0	ND	90.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.47*		*8.00*		*93.3*	*70-130*			
Matrix Spike Dup (2525111-MSD2)				**Source: E506178-03**					Prepared: 06/20/25 Analyzed: 06/23/25
Gasoline Range Organics (C6-C10)	46.7	20.0	50.0	ND	93.5	70-130	3.21	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.53*		*8.00*		*94.2*	*70-130*			

QC Summary Data

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	**Reported:**
911 Regional Park Dr.	Project Number:	23087-0002	
Houston TX, 77060	Project Manager:	Becky Haskell	6/26/2025 2:37:32PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2526015-BLK1)									Prepared: 06/23/25 Analyzed: 06/23/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*46.0*		*50.0*		*92.1*	*61-141*			
LCS (2526015-BS1)									Prepared: 06/23/25 Analyzed: 06/23/25
Diesel Range Organics (C10-C28)	258	25.0	250		103	66-144			
Surrogate: n-Nonane	*46.5*		*50.0*		*93.0*	*61-141*			
Matrix Spike (2526015-MS1)				**Source: E506178-02**					Prepared: 06/23/25 Analyzed: 06/23/25
Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	56-156			
Surrogate: n-Nonane	*46.1*		*50.0*		*92.3*	*61-141*			
Matrix Spike Dup (2526015-MSD1)				**Source: E506178-02**					Prepared: 06/23/25 Analyzed: 06/23/25
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	56-156	3.19	20	
Surrogate: n-Nonane	*45.4*		*50.0*		*90.7*	*61-141*			

QC Summary Data

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	**Reported:**
911 Regional Park Dr.	Project Number:	23087-0002	
Houston TX, 77060	Project Manager:	Becky Haskell	6/26/2025 2:37:32PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2526006-BLK1)									Prepared: 06/23/25 Analyzed: 06/23/25
Chloride	ND	20.0							
LCS (2526006-BS1)									Prepared: 06/23/25 Analyzed: 06/23/25
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2526006-MS1)				**Source: E506178-04**					Prepared: 06/23/25 Analyzed: 06/23/25
Chloride	255	20.0	250	ND	102	80-120			
Matrix Spike Dup (2526006-MSD1)				**Source: E506178-04**					Prepared: 06/23/25 Analyzed: 06/23/25
Chloride	260	20.0	250	ND	104	80-120	1.79	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

NTG-New Tech Global Environmental	Project Name:	COG Sombrero	
911 Regional Park Dr.	Project Number:	23087-0002	**Reported:**
Houston TX, 77060	Project Manager:	Becky Haskell	06/26/25 14:37

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Released to Imaging: 3/9/2026 10:21:05 AM
Received by OCD: 1/16/2026 12:00:47 AM

Chain of Custody

NTG ENVIRONMENTAL

Work Order No: E506178
Job #23087-0002

Project Manager:	Becky Haskell	Bill to: (if different)	Shelly Cowden
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
Address:	209 West McKay Street	Address:	
City, State ZIP:	Carlsbad, NM	City, State ZIP:	
Phone:	Email:		

Work Order Comments

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

Project Name:	COG Sombrero	Turn Around	
Project Number:	249381	☑ Routine ☐ Rush	
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	Clayton T, Ethan R	TAT starts the day received by the lab, if received by 4:30pm	
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:	17	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	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Lab #	HOLD	Sample Comments
CS-55		6/19/2025		X		Comp	1		X	X	X	1		2.3
CS-56		6/19/2025		X		Comp	1		X	X	X	2		2.4
CS-57		6/19/2025		X		Comp	1		X	X	X	3		2.3
CS-58		6/19/2025		X		Comp	1		X	X	X	4		3.5
CS-59		6/19/2025		X		Comp	1		X	X	X	5		1.8
CS-60		6/19/2025		X		Comp	1		X	X	X	6		2.3
CS-61		6/19/2025		X		Comp	1		X	X	X	7		3.6
SW-76		6/19/2025		X		Comp	1		X	X	X	8		4.0
SW-77		6/19/2025		X		Comp	1		X	X	X	9		3.4
SW-78		6/19/2025		X		Comp	1		X	X	X	10		5.4

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	Corrections Review	6/20/25 1045	2 Corrections Review		
3	Nae Gabb	6/21/25 1655	4 NS 6-23-25		
5		6-23-25 0645	6		

Revised Date 05012020 Rev. 2020.1

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Released to Imaging: 3/9/2026 10:21:05 AM
Received by OCD: 1/16/2026 12:00:47 AM

Chain of Custody

NTG ENVIRONMENTAL

Work Order No: E506178
Job #23087-0002

Project Manager:	Becky Haskell	Bill to: (if different)	Shelly Cowden
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
Address:	209 West McKay Street	Address:	
City, State ZIP:	Carlsbad, NM	City, State ZIP:	
Phone:		Email:	

Work Order Comments

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

Project Name:	COG Sombrero	Turn Around	
Project Number:	249381	☑ Routine ☐ Rush	
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	Clayton T, Ethan R	TAT starts the day received by the lab, if received by 4:30pm	
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:	17	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	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Lab #	HOLD	Sample Comments
SW-79		6/19/2025		X		Comp	1		X	X	X	11		2.7
SW-80		6/19/2025		X		Comp	1		X	X	X	12		4.2
SW-81		6/19/2025		X		Comp	1		X	X	X	13		3.9
SW-82		6/19/2025		X		Comp	1		X	X	X	14		2.7
SW-83		6/19/2025		X		Comp	1		X	X	X	15		3.7
SW-84		6/19/2025		X		Comp	1		X	X	X	16		3.2
SW-85		6/19/2025		X		Comp	1		X	X	X	17		4.4

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	Cassidy Ramos	6/20/25 1045	2		6/20/25 1740
3	Nat Gatt	6/21/25 1235am	4 → NS 6-23-25		
5		6-23-25 0645	6		

Revised Date 05012020 Rev. 2020.1

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Envirotech Analytical Laboratory

Printed: 6/23/2025 11:48:20AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	NTG-New Tech Global Environmental	Date Received:	06/23/25 06:45	Work Order ID:	E506178
Phone:	(281) 872-9300	Date Logged In:	06/20/25 12:22	Logged In By:	Caitlin Mars
Email:	bhaskell@ntglobal.com	Due Date:	06/27/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes	
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filtration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

Time sampled not provided on COC.

Client Instruction

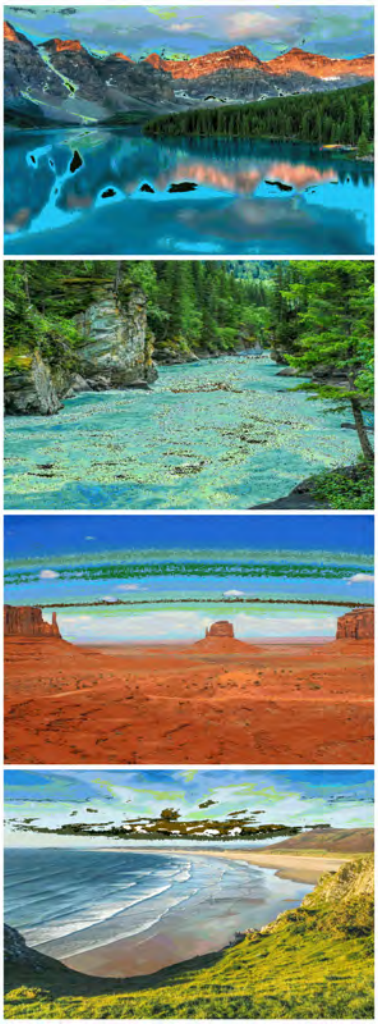
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Ethan Sessums



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Standard Safety

Project Name:	COG Sombrero
Work Order:	E507242
Job Number:	23087-0002
Received:	7/21/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/29/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 7/29/25

Ethan Sessums
P.O. Box 14987
Odessa, TX 79768

Project Name: COG Sombrero
Workorder: E507242
Date Received: 7/21/2025 7:45:05AM

Ethan Sessums,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/21/2025 7:45:05AM, under the Project Name: COG Sombrero.

The analytical test results summarized in this report with the Project Name: COG Sombrero apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Sample Summary

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	07/29/25 16:41

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-34	E507242-01A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-46	E507242-02A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-47	E507242-03A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-48	E507242-04A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-49	E507242-05A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-50	E507242-06A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-51	E507242-07A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-52	E507242-08A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-53	E507242-09A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-54	E507242-10A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-62	E507242-11A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-63	E507242-12A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-64	E507242-13A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-65	E507242-14A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-66	E507242-15A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-67	E507242-16A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-68	E507242-17A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-69	E507242-18A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-70	E507242-19A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-71	E507242-20A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-72	E507242-21A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-73	E507242-22A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-74	E507242-23A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-75	E507242-24A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-76	E507242-25A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-77	E507242-26A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-78	E507242-27A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-79	E507242-28A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-80	E507242-29A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-81	E507242-30A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-82	E507242-31A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-83	E507242-32A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-84	E507242-33A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-85	E507242-34A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-86	E507242-35A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-87	E507242-36A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-88	E507242-37A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-89	E507242-38A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-90	E507242-39A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-91	E507242-40A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.

Sample Summary

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	07/29/25 16:41

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-92	E507242-41A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-93	E507242-42A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-94	E507242-43A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-95	E507242-44A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-96	E507242-45A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-97	E507242-46A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-98	E507242-47A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-99	E507242-48A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-100	E507242-49A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-101	E507242-50A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-102	E507242-51A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-103	E507242-52A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-104	E507242-53A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-105	E507242-54A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-106	E507242-55A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-107	E507242-56A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-108	E507242-57A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-109	E507242-58A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
CS-110	E507242-59A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-3	E507242-60A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-4	E507242-61A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-5	E507242-62A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-6	E507242-63A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-7	E507242-64A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-8	E507242-65A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-9	E507242-66A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-10	E507242-67A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-16	E507242-68A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-17	E507242-69A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-23	E507242-70A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-24	E507242-71A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-25	E507242-72A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-26	E507242-73A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-27	E507242-74A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-29	E507242-75A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-37	E507242-76A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-38	E507242-77A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-39	E507242-78A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-40	E507242-79A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-41	E507242-80A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

CS-34

E507242-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.2 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.4 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530117
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530175
Chloride	ND	20.0	1	07/25/25	07/25/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

CS-46

E507242-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.5 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.5 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530117
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*99.1 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530175
Chloride	**31.4**	20.0	1	07/25/25	07/25/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

CS-47

E507242-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.5 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.2 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530117
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*105 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530175
Chloride	ND	20.0	1	07/25/25	07/25/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.8 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.1 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530117
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530175
Chloride	**22.8**	20.0	1	07/25/25	07/25/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.3 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.1 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530117
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*96.6 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530175
Chloride	**23.4**	20.0	1	07/25/25	07/25/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.3 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.4 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530117
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*105 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530175
Chloride	ND	20.0	1	07/25/25	07/25/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.7 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.8 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530117
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*98.9 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530175
Chloride	**22.8**	20.0	1	07/25/25	07/25/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.3 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.8 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530117
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*105 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530175
Chloride	**24.5**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Benzene	ND	0.0250	1	07/24/25	07/25/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/25/25	
Toluene	ND	0.0250	1	07/24/25	07/25/25	
o-Xylene	ND	0.0250	1	07/24/25	07/25/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/25/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/25/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.3 %*	*70-130*	*07/24/25*	*07/25/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.8 %*	*70-130*	*07/24/25*	*07/25/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530117
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*98.3 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530175
Chloride	**25.4**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.9 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.0 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530117
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*97.8 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530175
Chloride	**20.3**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.8 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.6 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530117
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530175
Chloride	**773**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.5 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.9 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530117
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*96.8 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530175
Chloride	**1020**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.9 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.5 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530117
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*97.6 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530175
Chloride	ND	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.6 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.3 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530117
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*96.9 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530175
Chloride	**202**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

CS-66

E507242-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.8 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.7 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530117
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*99.8 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530175
Chloride	**44.5**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

CS-67

E507242-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.5 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.8 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530117
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*99.0 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530175
Chloride	**669**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

CS-68

E507242-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.5 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.4 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530117
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*99.2 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530175
Chloride	**1130**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

CS-69

E507242-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.7 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.3 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530117
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*99.1 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530175
Chloride	**244**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.1 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530117
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*98.4 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530175
Chloride	**2540**	40.0	2	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.1 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530132
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530117
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	**61.6**	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*95.5 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530175
Chloride	**178**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.0 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*107 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530118
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*75.3 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530177
Chloride	**391**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.0 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*107 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530118
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*74.7 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530177
Chloride	**850**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.6 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*108 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530118
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*78.7 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530177
Chloride	ND	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.6 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*106 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530118
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*74.9 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530177
Chloride	**2720**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Benzene	ND	0.0250	1	07/24/25	07/25/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/25/25	
Toluene	ND	0.0250	1	07/24/25	07/25/25	
o-Xylene	ND	0.0250	1	07/24/25	07/25/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/25/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/25/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.6 %*	*70-130*	*07/24/25*	*07/25/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*107 %*	*70-130*	*07/24/25*	*07/25/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530118
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*76.4 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530177
Chloride	**1960**	40.0	2	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

CS-77

E507242-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.6 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*107 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530118
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*76.4 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530177
Chloride	**181**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

CS-78

E507242-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.5 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*113 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530118
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*77.1 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530177
Chloride	**175**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

CS-79

E507242-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.6 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*105 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530118
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*74.9 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530177
Chloride	**1180**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

CS-80

E507242-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.0 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*108 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530118
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*76.0 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530177
Chloride	**59.3**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

CS-81

E507242-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.6 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*108 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530118
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*76.3 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530177
Chloride	**5820**	40.0	2	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

CS-82

E507242-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*92.6 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*109 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530118
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*80.4 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530177
Chloride	**3380**	40.0	2	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.4 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*107 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530118
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*75.1 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530177
Chloride	**1220**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

CS-84

E507242-33

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.4 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*107 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530118
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*73.7 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530177
Chloride	**1060**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

CS-85

E507242-34

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.6 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*110 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530118
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*74.7 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530177
Chloride	**1540**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-35

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.9 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*109 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530118
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*75.5 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530177
Chloride	**30400**	1000	50	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

CS-87

E507242-36

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.1 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*107 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530118
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*73.8 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530177
Chloride	**1740**	40.0	2	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-37

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.1 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*107 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530118
Diesel Range Organics (C10-C28)	**45.6**	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*74.2 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530177
Chloride	**88.7**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-38

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.3 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*107 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530118
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*75.8 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530177
Chloride	**657**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-39

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.4 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*112 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530118
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*74.8 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530177
Chloride	**1120**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

CS-91

E507242-40

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.4 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530133
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*109 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530118
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*75.1 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2530177
Chloride	**3820**	40.0	2	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-41

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.5 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.8 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530119
Diesel Range Organics (C10-C28)	**106**	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	**149**	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*76.7 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530178
Chloride	**360**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-42

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*99.4 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.9 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530119
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*77.0 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530178
Chloride	**5300**	40.0	2	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-43

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.2 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530119
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*78.8 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530178
Chloride	**285**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-44

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*99.1 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.6 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530119
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*77.3 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530178
Chloride	**2740**	40.0	2	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-45

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.5 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.9 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530119
Diesel Range Organics (C10-C28)	**264**	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	**285**	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*77.6 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530178
Chloride	**624**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-46

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*99.6 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.8 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530119
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*79.5 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530178
Chloride	**32.0**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-47

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.2 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530119
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*80.8 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530178
Chloride	ND	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-48

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.0 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.9 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530119
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*78.1 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530178
Chloride	**36.1**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-49

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530119
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*78.8 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530178
Chloride	ND	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-50

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*99.2 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.9 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530119
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*78.8 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530178
Chloride	ND	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

CS-102

E507242-51

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*99.0 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.2 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530119
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*77.8 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530178
Chloride	**28.4**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

CS-103

E507242-52

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.5 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.0 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530119
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*77.5 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530178
Chloride	ND	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

CS-104

E507242-53

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.4 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.4 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530119
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*78.4 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530178
Chloride	**31.1**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

CS-105

E507242-54

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.7 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.1 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530119
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*82.6 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530178
Chloride	**22.4**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

CS-106

E507242-55

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.5 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530119
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*82.4 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530178
Chloride	ND	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

CS-107

E507242-56

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.7 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.8 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530119
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*78.9 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530178
Chloride	ND	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

CS-108

E507242-57

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.7 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.3 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530119
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*77.1 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530178
Chloride	ND	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

CS-109

E507242-58

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.8 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.5 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530119
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*80.1 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530178
Chloride	ND	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

CS-110

E507242-59

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.0 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.7 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530119
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*79.5 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530178
Chloride	**20.9**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

SW-3

E507242-60

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.3 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530136
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.8 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530119
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*78.7 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530178
Chloride	ND	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

SW-4

E507242-61

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*92.4 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.0 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530120
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*77.8 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2530179
Chloride	ND	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

SW-5

E507242-62

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.5 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.4 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530120
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*77.3 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2530179
Chloride	ND	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-63

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.5 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.1 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530120
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*77.6 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2530179
Chloride	**22.7**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

SW-7

E507242-64

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.4 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.1 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530120
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*77.5 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2530179
Chloride	ND	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-65

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*92.4 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.2 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530120
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*76.5 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2530179
Chloride	**24.8**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-66

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*92.2 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.1 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530120
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*79.2 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2530179
Chloride	**23.8**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

SW-10

E507242-67

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*91.0 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.3 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530120
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*77.3 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2530179
Chloride	**28.6**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-68

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*91.1 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.1 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530120
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/25/25	
Surrogate: n-Nonane		*77.2 %*	*61-141*	*07/23/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2530179
Chloride	ND	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

SW-17

E507242-69

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*90.2 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.9 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530120
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*78.4 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2530179
Chloride	ND	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

SW-23

E507242-70

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*90.4 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.1 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530120
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*78.3 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2530179
Chloride	ND	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-71

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*89.9 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.7 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530120
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*79.2 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2530179
Chloride	**23.3**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-72

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*90.5 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.6 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530120
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*77.7 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2530179
Chloride	**870**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

SW-26

E507242-73

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*90.0 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.8 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530120
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*76.1 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2530179
Chloride	**1070**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

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E507242-74

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*89.5 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.1 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530120
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*77.9 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2530179
Chloride	**874**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

SW-29

E507242-75

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*90.2 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530120
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*79.4 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2530179
Chloride	**1330**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

SW-37

E507242-76

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*89.8 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530120
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*78.6 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2530179
Chloride	**1090**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

SW-38

E507242-77

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*91.9 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.5 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530120
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*79.9 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2530179
Chloride	**920**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

SW-39

E507242-78

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*92.4 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.3 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530120
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*78.3 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2530179
Chloride	**998**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

SW-40

E507242-79

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*89.6 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.3 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530120
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*77.7 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2530179
Chloride	**1140**	20.0	1	07/25/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

SW-41

E507242-80

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*89.0 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530137
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.9 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530120
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*76.5 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2530179
Chloride	**924**	20.0	1	07/25/25	07/26/25	

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530132-BLK1)									Prepared: 07/24/25 Analyzed: 07/25/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.71*		*8.00*		*96.4*	*70-130*			
LCS (2530132-BS1)									Prepared: 07/24/25 Analyzed: 07/25/25
Benzene	5.34	0.0250	5.00		107	70-130			
Ethylbenzene	5.32	0.0250	5.00		106	70-130			
Toluene	5.37	0.0250	5.00		107	70-130			
o-Xylene	5.22	0.0250	5.00		104	70-130			
p,m-Xylene	10.7	0.0500	10.0		107	70-130			
Total Xylenes	15.9	0.0250	15.0		106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.65*		*8.00*		*95.7*	*70-130*			
Matrix Spike (2530132-MS1)				**Source: E507242-09**					Prepared: 07/24/25 Analyzed: 07/26/25
Benzene	5.12	0.0250	5.00	ND	102	70-130			
Ethylbenzene	5.08	0.0250	5.00	ND	102	70-130			
Toluene	5.15	0.0250	5.00	ND	103	70-130			
o-Xylene	4.97	0.0250	5.00	ND	99.5	70-130			
p,m-Xylene	10.2	0.0500	10.0	ND	102	70-130			
Total Xylenes	15.2	0.0250	15.0	ND	101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.62*		*8.00*		*95.3*	*70-130*			
Matrix Spike Dup (2530132-MSD1)				**Source: E507242-09**					Prepared: 07/24/25 Analyzed: 07/26/25
Benzene	5.33	0.0250	5.00	ND	107	70-130	4.02	27	
Ethylbenzene	5.28	0.0250	5.00	ND	106	70-130	3.87	26	
Toluene	5.35	0.0250	5.00	ND	107	70-130	3.89	20	
o-Xylene	5.18	0.0250	5.00	ND	104	70-130	4.15	25	
p,m-Xylene	10.6	0.0500	10.0	ND	106	70-130	3.72	23	
Total Xylenes	15.8	0.0250	15.0	ND	105	70-130	3.86	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.57*		*8.00*		*94.6*	*70-130*			

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530133-BLK1)									Prepared: 07/24/25 Analyzed: 07/25/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.76*		*8.00*		*96.9*	*70-130*			
LCS (2530133-BS1)									Prepared: 07/24/25 Analyzed: 07/25/25
Benzene	5.31	0.0250	5.00		106	70-130			
Ethylbenzene	5.43	0.0250	5.00		109	70-130			
Toluene	5.40	0.0250	5.00		108	70-130			
o-Xylene	5.44	0.0250	5.00		109	70-130			
p,m-Xylene	11.0	0.0500	10.0		110	70-130			
Total Xylenes	16.5	0.0250	15.0		110	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.84*		*8.00*		*98.1*	*70-130*			
Matrix Spike (2530133-MS1)				**Source: E507242-25**					Prepared: 07/24/25 Analyzed: 07/25/25
Benzene	5.45	0.0250	5.00	ND	109	70-130			
Ethylbenzene	5.58	0.0250	5.00	ND	112	70-130			
Toluene	5.55	0.0250	5.00	ND	111	70-130			
o-Xylene	5.57	0.0250	5.00	ND	111	70-130			
p,m-Xylene	11.3	0.0500	10.0	ND	113	70-130			
Total Xylenes	16.9	0.0250	15.0	ND	112	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.91*		*8.00*		*98.9*	*70-130*			
Matrix Spike Dup (2530133-MSD1)				**Source: E507242-25**					Prepared: 07/24/25 Analyzed: 07/25/25
Benzene	4.99	0.0250	5.00	ND	99.8	70-130	8.79	27	
Ethylbenzene	5.13	0.0250	5.00	ND	103	70-130	8.27	26	
Toluene	5.09	0.0250	5.00	ND	102	70-130	8.57	20	
o-Xylene	5.12	0.0250	5.00	ND	102	70-130	8.38	25	
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130	8.17	23	
Total Xylenes	15.5	0.0250	15.0	ND	104	70-130	8.24	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.73*		*8.00*		*96.6*	*70-130*			

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530136-BLK1)									Prepared: 07/24/25 Analyzed: 07/26/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.70*		*8.00*		*96.3*	*70-130*			
LCS (2530136-BS1)									Prepared: 07/24/25 Analyzed: 07/26/25
Benzene	5.07	0.0250	5.00		101	70-130			
Ethylbenzene	5.26	0.0250	5.00		105	70-130			
Toluene	5.24	0.0250	5.00		105	70-130			
o-Xylene	5.17	0.0250	5.00		103	70-130			
p,m-Xylene	10.6	0.0500	10.0		106	70-130			
Total Xylenes	15.7	0.0250	15.0		105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.58*		*8.00*		*94.8*	*70-130*			
Matrix Spike (2530136-MS1)				**Source: E507242-48**					Prepared: 07/24/25 Analyzed: 07/26/25
Benzene	4.95	0.0250	5.00	ND	99.0	70-130			
Ethylbenzene	5.18	0.0250	5.00	ND	104	70-130			
Toluene	5.16	0.0250	5.00	ND	103	70-130			
o-Xylene	5.10	0.0250	5.00	ND	102	70-130			
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130			
Total Xylenes	15.5	0.0250	15.0	ND	103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.74*		*8.00*		*96.7*	*70-130*			
Matrix Spike Dup (2530136-MSD1)				**Source: E507242-48**					Prepared: 07/24/25 Analyzed: 07/26/25
Benzene	5.00	0.0250	5.00	ND	100	70-130	1.05	27	
Ethylbenzene	5.24	0.0250	5.00	ND	105	70-130	1.26	26	
Toluene	5.22	0.0250	5.00	ND	104	70-130	1.13	20	
o-Xylene	5.17	0.0250	5.00	ND	103	70-130	1.48	25	
p,m-Xylene	10.5	0.0500	10.0	ND	105	70-130	1.27	23	
Total Xylenes	15.7	0.0250	15.0	ND	105	70-130	1.34	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.81*		*8.00*		*97.6*	*70-130*			

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530137-BLK1)									Prepared: 07/24/25 Analyzed: 07/26/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.61*		*8.00*		*95.1*	*70-130*			
LCS (2530137-BS1)									Prepared: 07/24/25 Analyzed: 07/26/25
Benzene	4.50	0.0250	5.00		90.1	70-130			
Ethylbenzene	4.66	0.0250	5.00		93.2	70-130			
Toluene	4.64	0.0250	5.00		92.8	70-130			
o-Xylene	4.74	0.0250	5.00		94.7	70-130			
p,m-Xylene	9.37	0.0500	10.0		93.7	70-130			
Total Xylenes	14.1	0.0250	15.0		94.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.58*		*8.00*		*94.8*	*70-130*			
Matrix Spike (2530137-MS1)				**Source: E507242-64**					Prepared: 07/24/25 Analyzed: 07/26/25
Benzene	4.42	0.0250	5.00	ND	88.4	70-130			
Ethylbenzene	4.68	0.0250	5.00	ND	93.6	70-130			
Toluene	4.62	0.0250	5.00	ND	92.5	70-130			
o-Xylene	4.74	0.0250	5.00	ND	94.8	70-130			
p,m-Xylene	9.41	0.0500	10.0	ND	94.1	70-130			
Total Xylenes	14.1	0.0250	15.0	ND	94.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.55*		*8.00*		*94.3*	*70-130*			
Matrix Spike Dup (2530137-MSD1)				**Source: E507242-64**					Prepared: 07/24/25 Analyzed: 07/26/25
Benzene	4.42	0.0250	5.00	ND	88.4	70-130	0.0826	27	
Ethylbenzene	4.69	0.0250	5.00	ND	93.9	70-130	0.353	26	
Toluene	4.64	0.0250	5.00	ND	92.8	70-130	0.314	20	
o-Xylene	4.76	0.0250	5.00	ND	95.3	70-130	0.488	25	
p,m-Xylene	9.45	0.0500	10.0	ND	94.5	70-130	0.427	23	
Total Xylenes	14.2	0.0250	15.0	ND	94.8	70-130	0.447	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.43*		*8.00*		*92.9*	*70-130*			

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530132-BLK1)									Prepared: 07/24/25 Analyzed: 07/25/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.75*		*8.00*		*96.8*	*70-130*			
LCS (2530132-BS2)									Prepared: 07/24/25 Analyzed: 07/25/25
Gasoline Range Organics (C6-C10)	56.9	20.0	50.0		114	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.82*		*8.00*		*97.8*	*70-130*			
Matrix Spike (2530132-MS2)				**Source: E507242-09**					Prepared: 07/24/25 Analyzed: 07/26/25
Gasoline Range Organics (C6-C10)	56.1	20.0	50.0	ND	112	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.77*		*8.00*		*97.1*	*70-130*			
Matrix Spike Dup (2530132-MSD2)				**Source: E507242-09**					Prepared: 07/24/25 Analyzed: 07/26/25
Gasoline Range Organics (C6-C10)	56.1	20.0	50.0	ND	112	70-130	0.00107	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.78*		*8.00*		*97.2*	*70-130*			

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530133-BLK1)									Prepared: 07/24/25 Analyzed: 07/25/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.71*		*8.00*		*109*	*70-130*			
LCS (2530133-BS2)									Prepared: 07/24/25 Analyzed: 07/25/25
Gasoline Range Organics (C6-C10)	59.9	20.0	50.0		120	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.41*		*8.00*		*105*	*70-130*			
Matrix Spike (2530133-MS2)				**Source: E507242-25**					Prepared: 07/24/25 Analyzed: 07/25/25
Gasoline Range Organics (C6-C10)	59.0	20.0	50.0	ND	118	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.37*		*8.00*		*105*	*70-130*			
Matrix Spike Dup (2530133-MSD2)				**Source: E507242-25**					Prepared: 07/24/25 Analyzed: 07/26/25
Gasoline Range Organics (C6-C10)	59.1	20.0	50.0	ND	118	70-130	0.170	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.50*		*8.00*		*106*	*70-130*			

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530136-BLK1)									Prepared: 07/24/25 Analyzed: 07/26/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.44*		*8.00*		*93.0*	*70-130*			
LCS (2530136-BS2)									Prepared: 07/24/25 Analyzed: 07/26/25
Gasoline Range Organics (C6-C10)	55.2	20.0	50.0		110	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.56*		*8.00*		*94.5*	*70-130*			
Matrix Spike (2530136-MS2)				**Source: E507242-48**					Prepared: 07/24/25 Analyzed: 07/26/25
Gasoline Range Organics (C6-C10)	56.5	20.0	50.0	ND	113	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.46*		*8.00*		*93.2*	*70-130*			
Matrix Spike Dup (2530136-MSD2)				**Source: E507242-48**					Prepared: 07/24/25 Analyzed: 07/26/25
Gasoline Range Organics (C6-C10)	51.8	20.0	50.0	ND	104	70-130	8.67	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.55*		*8.00*		*94.4*	*70-130*			

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530137-BLK1)									Prepared: 07/24/25 Analyzed: 07/26/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.19*		*8.00*		*89.9*	*70-130*			
LCS (2530137-BS2)									Prepared: 07/24/25 Analyzed: 07/26/25
Gasoline Range Organics (C6-C10)	53.1	20.0	50.0		106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.12*		*8.00*		*89.0*	*70-130*			
Matrix Spike (2530137-MS2)				**Source: E507242-64**					Prepared: 07/24/25 Analyzed: 07/26/25
Gasoline Range Organics (C6-C10)	57.0	20.0	50.0	ND	114	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.20*		*8.00*		*90.0*	*70-130*			
Matrix Spike Dup (2530137-MSD2)				**Source: E507242-64**					Prepared: 07/24/25 Analyzed: 07/26/25
Gasoline Range Organics (C6-C10)	53.8	20.0	50.0	ND	108	70-130	5.89	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.25*		*8.00*		*90.6*	*70-130*			

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530117-BLK1)									Prepared: 07/23/25 Analyzed: 07/25/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.3*		*50.0*		*90.6*	*61-141*			
LCS (2530117-BS1)									Prepared: 07/23/25 Analyzed: 07/25/25
Diesel Range Organics (C10-C28)	290	25.0	250		116	66-144			
Surrogate: n-Nonane	*51.7*		*50.0*		*103*	*61-141*			
Matrix Spike (2530117-MS1)				**Source: E507242-06**					Prepared: 07/23/25 Analyzed: 07/25/25
Diesel Range Organics (C10-C28)	282	25.0	250	ND	113	56-156			
Surrogate: n-Nonane	*51.7*		*50.0*		*103*	*61-141*			
Matrix Spike Dup (2530117-MSD1)				**Source: E507242-06**					Prepared: 07/23/25 Analyzed: 07/25/25
Diesel Range Organics (C10-C28)	282	25.0	250	ND	113	56-156	0.0280	20	
Surrogate: n-Nonane	*51.1*		*50.0*		*102*	*61-141*			

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530118-BLK1)									Prepared: 07/23/25 Analyzed: 07/25/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*37.7*		*50.0*		*75.4*	*61-141*			
LCS (2530118-BS1)									Prepared: 07/23/25 Analyzed: 07/25/25
Diesel Range Organics (C10-C28)	233	25.0	250		93.3	66-144			
Surrogate: n-Nonane	*42.1*		*50.0*		*84.3*	*61-141*			
Matrix Spike (2530118-MS1)				**Source: E507242-27**					Prepared: 07/23/25 Analyzed: 07/25/25
Diesel Range Organics (C10-C28)	246	25.0	250	ND	98.5	56-156			
Surrogate: n-Nonane	*41.5*		*50.0*		*83.0*	*61-141*			
Matrix Spike Dup (2530118-MSD1)				**Source: E507242-27**					Prepared: 07/23/25 Analyzed: 07/25/25
Diesel Range Organics (C10-C28)	230	25.0	250	ND	92.1	56-156	6.72	20	
Surrogate: n-Nonane	*38.7*		*50.0*		*77.3*	*61-141*			

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530119-BLK1)									Prepared: 07/23/25 Analyzed: 07/25/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*38.3*		*50.0*		*76.6*	*61-141*			
LCS (2530119-BS1)									Prepared: 07/23/25 Analyzed: 07/25/25
Diesel Range Organics (C10-C28)	213	25.0	250		85.1	66-144			
Surrogate: n-Nonane	*39.0*		*50.0*		*78.0*	*61-141*			
Matrix Spike (2530119-MS1)				**Source: E507242-48**					Prepared: 07/23/25 Analyzed: 07/25/25
Diesel Range Organics (C10-C28)	221	25.0	250	ND	88.3	56-156			
Surrogate: n-Nonane	*39.9*		*50.0*		*79.8*	*61-141*			
Matrix Spike Dup (2530119-MSD1)				**Source: E507242-48**					Prepared: 07/23/25 Analyzed: 07/25/25
Diesel Range Organics (C10-C28)	219	25.0	250	ND	87.7	56-156	0.655	20	
Surrogate: n-Nonane	*39.9*		*50.0*		*79.9*	*61-141*			

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530120-BLK1)									Prepared: 07/23/25 Analyzed: 07/25/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*38.3*		*50.0*		*76.6*	*61-141*			
LCS (2530120-BS1)									Prepared: 07/23/25 Analyzed: 07/25/25
Diesel Range Organics (C10-C28)	222	25.0	250		88.7	66-144			
Surrogate: n-Nonane	*39.3*		*50.0*		*78.7*	*61-141*			
Matrix Spike (2530120-MS1)				**Source: E507242-69**					Prepared: 07/23/25 Analyzed: 07/25/25
Diesel Range Organics (C10-C28)	220	25.0	250	ND	88.1	56-156			
Surrogate: n-Nonane	*38.9*		*50.0*		*77.8*	*61-141*			
Matrix Spike Dup (2530120-MSD1)				**Source: E507242-69**					Prepared: 07/23/25 Analyzed: 07/25/25
Diesel Range Organics (C10-C28)	216	25.0	250	ND	86.5	56-156	1.83	20	
Surrogate: n-Nonane	*38.9*		*50.0*		*77.8*	*61-141*			

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

Anions by EPA 300.0/9056A

Analyst: JM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530175-BLK1)									Prepared: 07/25/25 Analyzed: 07/25/25
Chloride	ND	20.0							
LCS (2530175-BS1)									Prepared: 07/25/25 Analyzed: 07/25/25
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2530175-MS1)				**Source: E507242-02**					Prepared: 07/25/25 Analyzed: 07/25/25
Chloride	285	20.0	250	31.4	101	80-120			
Matrix Spike Dup (2530175-MSD1)				**Source: E507242-02**					Prepared: 07/25/25 Analyzed: 07/25/25
Chloride	283	20.0	250	31.4	101	80-120	0.563	20	

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

Anions by EPA 300.0/9056A

Analyst: JM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530177-BLK1)									Prepared: 07/25/25 Analyzed: 07/26/25
Chloride	ND	20.0							
LCS (2530177-BS1)									Prepared: 07/25/25 Analyzed: 07/26/25
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2530177-MS1)				**Source: E507242-22**					Prepared: 07/25/25 Analyzed: 07/26/25
Chloride	1100	20.0	250	850	99.6	80-120			
Matrix Spike Dup (2530177-MSD1)				**Source: E507242-22**					Prepared: 07/25/25 Analyzed: 07/26/25
Chloride	1140	20.0	250	850	116	80-120	3.65	20	

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530178-BLK1)									Prepared: 07/25/25 Analyzed: 07/25/25
Chloride	ND	20.0							
LCS (2530178-BS1)									Prepared: 07/25/25 Analyzed: 07/26/25
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2530178-MS1)				**Source: E507242-44**					Prepared: 07/25/25 Analyzed: 07/26/25
Chloride	2350	40.0	250	2740	NR	80-120			M4
Matrix Spike Dup (2530178-MSD1)				**Source: E507242-44**					Prepared: 07/25/25 Analyzed: 07/26/25
Chloride	2550	40.0	250	2740	NR	80-120	8.30	20	M4

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/29/2025 4:41:00PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530179-BLK1)									Prepared: 07/25/25 Analyzed: 07/26/25
Chloride	ND	20.0							
LCS (2530179-BS1)									Prepared: 07/25/25 Analyzed: 07/26/25
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2530179-MS1)				**Source: E507242-70**					Prepared: 07/25/25 Analyzed: 07/26/25
Chloride	272	20.0	250	ND	109	80-120			
Matrix Spike Dup (2530179-MSD1)				**Source: E507242-70**					Prepared: 07/25/25 Analyzed: 07/26/25
Chloride	270	20.0	250	ND	108	80-120	0.958	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	07/29/25 16:41

M4	Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Released to Imaging: 3/9/2026 10:21:05 AM
Received by OCD: 1/16/2026 12:00:47 AM

Envirotech eurofins Environment Testing Xenco

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: E507242
Job # 23087-0002

www.xenco.com Page 1 of 12

Project Manager:	Ethan Sessums	Bill to: (if different)	Shelly Cowden
Company Name:	Standard Safety & Supply	Company Name:	Pilot Water Solutions
Address:	2425 Trunk St.	Address:	
City, State ZIP:	Odessa, Texas, 79761	City, State ZIP:	
Phone:	254-266-5456	Email:	Ethan.Sessums@standardtx.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:	COG Sombrero	Turn Around	
Project Number:		☑ Routine ☐ Rush	
Project Location:	Lea Co. NM	Due Date:	
Sampler's Name:	Kenny Han	TAT starts the day received by the lab, if received by 4:30pm	
PO #:	P00314188		

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:	115	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	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	BTEX 8012B	TPH 8015M (GRO-DRO-MRO)	Chloride 4500	Lab #	Sample Comments
CS-34	S	7/16/2025			Comp	1		X	X	X	1	3.8
CS-46	S	7/16/2025			Comp	1		X	X	X	2	3.6
CS-47	S	7/16/2025			Comp	1		X	X	X	3	3.4
CS-48	S	7/16/2025			Comp	1		X	X	X	4	4.0
CS-49	S	7/16/2025			Comp	1		X	X	X	5	4.0
CS-50	S	7/16/2025			Comp	1		X	X	X	6	3.8
CS-51	S	7/16/2025			Comp	1		X	X	X	7	3.6
CS-52	S	7/16/2025			Comp	1		X	X	X	8	3.2
CS-53	S	7/16/2025			Comp	1		X	X	X	9	3.0
CS-54	S	7/16/2025			Comp	1		X	X	X	10	3.4

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Kenny Han	Marissa Gonzales Michelle Gonzales	7-18-25 0830	2 Marissa Gonzales		7.18.25 1915
3	Garth Mar	7.21.25 745	4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: E907242
Job #23087-0002

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Project Manager:	Ethan Sessums	Bill to: (if different)	Shelly Cowden
Company Name:	Standard Safety & Supply	Company Name:	Pilot Water Solutions
Address:	2425 Trunk St.	Address:	
City, State ZIP:	Odessa, Texas, 79761	City, State ZIP:	
Phone:	254-266-5456	Email:	Ethan.Sessums@standardtx.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:	COG Sombrero	Turn Around	☑ Routine ☐ Rush
Project Number:		Due Date:	
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Kenny Han		
PO #:	P00314188		

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	(Yes) No	
Samples Received Intact:	(Yes) No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:		
Total Containers:	115	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	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	BTEX 8012B	TPH 8015M (GRO-DRO-MRO)	Chloride 4500	Lab #	Sample Comments
CS-62	S	7/16/2025			Comp	1		X	X	X	11	3.6
CS-63	S	7/16/2025			Comp	1		X	X	X	12	3.0
CS-64	S	7/16/2025			Comp	1		X	X	X	13	3.0
CS-65	S	7/16/2025			Comp	1		X	X	X	14	3.2
CS-66	S	7/16/2025			Comp	1		X	X	X	15	3.8
CS-67	S	7/16/2025			Comp	1		X	X	X	16	3.4
CS-68	S	7/16/2025			Comp	1		X	X	X	17	9.8
CS-69	S	7/16/2025			Comp	1		X	X	X	18	2.10
CS-70	S	7/16/2025			Comp	1		X	X	X	19	3.1
CS-71	S	7/16/2025			Comp	1		X	X	X	20	3.2

ANALYSIS REQUEST

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1.Kenny Han	Marissa Gonzales	7/25 0830	Marissa Gonzales		7/18/25 1915
3	Cauth Mar	7.21.25 745	4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Released to Imaging: 3/9/2026 10:21:05 AM
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Work Order No: E507242
Job #23087-0002

www.xenco.com Page 3 of 12

Project Manager:	Ethan Sessums	Bill to: (if different)	Shelly Cowden
Company Name:	Standard Safety & Supply	Company Name:	Pilot Water Solutions
Address:	2425 Trunk St.	Address:	
City, State ZIP:	Odessa, Texas, 79761	City, State ZIP:	
Phone:	254-266-5456	Email:	Ethan.Sessums@standardtx.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:	COG Sombrero	Turn Around	☑ Routine ☐ Rush
Project Number:		Due Date:	
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Kenny Han		
PO #:	P00314188		

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:	115	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	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8012B	TPH 8015M (GRO-DRO-MRO)	Chloride 4500	Sample Comments
CS-72	S	7/16/2025			Comp	1		X	X	X	21 2.6
CS-73	S	7/16/2025			Comp	1		X	X	X	22 2.4
CS-74	S	7/16/2025			Comp	1		X	X	X	23 2.8
CS-75	S	7/16/2025			Comp	1		X	X	X	24 3.4
CS-76	S	7/16/2025			Comp	1		X	X	X	25 3.6
CS-77	S	7/16/2025			Comp	1		X	X	X	26 2.4
CS-78	S	7/16/2025			Comp	1		X	X	X	27 2.6
CS-79	S	7/16/2025			Comp	1		X	X	X	28 3.0
CS-80	S	7/16/2025			Comp	1		X	X	X	29 3.2
CS-81	S	7/16/2025			Comp	1		X	X	X	30 3.4

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Kenny Han	Marissa Gonzales	7-18-25 0830	2 Marissa Gonzales		7/18/25 1915
3	Caeth Mar	7.21.25 745	4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: E507242
Job#-23087-0002

www.xenco.com Page 4 of 12

Project Manager:	Ethan Sessums	Bill to: (if different)	Shelly Cowden
Company Name:	Standard Safety & Supply	Company Name:	Pilot Water Solutions
Address:	2425 Trunk St.	Address:	
City, State ZIP:	Odessa, Texas, 79761	City, State ZIP:	
Phone:	254-266-5456	Email:	Ethan.Sessums@standardtx.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:	COG Sombrero	Turn Around	
Project Number:		☑ Routine ☐ Rush	
Project Location:	Lea Co. NM	Due Date:	
Sampler's Name:	Kenny Han	TAT starts the day received by the lab, if received by 4:30pm	
PO #:	P00314188		

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:	115	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	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8012B	TPH 8015M (GRO-DRO-MRO)	Chloride 4500	Lab #	Sample Comments
CS-82	S	7/16/2025			Comp	1		X	X	X	31	3.4
CS-83	S	7/16/2025			Comp	1		X	X	X	32	3.0
CS-84	S	7/16/2025			Comp	1		X	X	X	33	3.1
CS-85	S	7/16/2025			Comp	1		X	X	X	34	3.2
CS-86	S	7/16/2025			Comp	1		X	X	X	35	2.7
CS-87	S	7/16/2025			Comp	1		X	X	X	36	2.7
CS-88	S	7/16/2025			Comp	1		X	X	X	37	2.9
CS-89	S	7/16/2025			Comp	1		X	X	X	38	3.0
CS-90	S	7/16/2025			Comp	1		X	X	X	39	3.0
CS-91	S	7/16/2025			Comp	1		X	X	X	40	3.4

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1.Kenny Han	Marissa Gonzales	7-18-25 0830	2 Marissa Gonzales		7/18/25 1915
3	Caitlin Mar	7-21-25 745	4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Released to Imaging: 3/9/2026 10:21:05 AM
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Work Order No: E507242
Job #23087-0002

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Project Manager:	Ethan Sessums	Bill to: (if different)	Shelly Cowden
Company Name:	Standard Safety & Supply	Company Name:	Pilot Water Solutions
Address:	2425 Trunk St.	Address:	
City, State ZIP:	Odessa, Texas, 79761	City, State ZIP:	
Phone:	254-266-5456	Email:	Ethan.Sessums@standardtx.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:	COG Sombrero	Turn Around	
Project Number:		☑ Routine ☐ Rush	
Project Location:	Lea Co. NM	Due Date:	
Sampler's Name:	Kenny Han	TAT starts the day received by the lab, if received by 4:30pm	
PO #:	P00314188		

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes	No
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:	115	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	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	BTEX 8012B	TPH 8015M (GRO-DRO-MRO)	Chloride 4500	Lab #	Sample Comments
CS-92	S	7/16/2025			Comp	1	X	X	X	41	3.6
CS-93	S	7/16/2025			Comp	1	X	X	X	42	3.4
CS-94	S	7/16/2025			Comp	1	X	X	X	43	3.0
CS-95	S	7/16/2025			Comp	1	X	X	X	44	2.6
CS-96	S	7/16/2025			Comp	1	X	X	X	45	2.2
CS-97	S	7/16/2025			Comp	1	X	X	X	46	2.0
CS-98	S	7/16/2025			Comp	1	X	X	X	47	2.1
CS-99	S	7/16/2025			Comp	1	X	X	X	48	2.4
CS-100	S	7/16/2025			Comp	1	X	X	X	49	3.0
CS-101	S	7/16/2025			Comp	1	X	X	X	50	3.1

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010:** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Kenny Han	Marissa Gonzales	7-8-25 0830	Marissa Gonzales		7/8/25 0915
3	Kenny Han	7.9.25 745	4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: E501242
Job #23087-0002

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Project Manager:	Ethan Sessums	Bill to: (if different)	Shelly Cowden
Company Name:	Standard Safety & Supply	Company Name:	Pilot Water Solutions
Address:	2425 Trunk St.	Address:	
City, State ZIP:	Odessa, Texas, 79761	City, State ZIP:	
Phone:	254-266-5456	Email:	Ethan.Sessums@standardtx.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:	COG Sombrero	Turn Around	☑ Routine ☐ Rush
Project Number:		Due Date:	
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Kenny Han		
PO #:	P00314188		

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	
Total Containers:	115	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	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	BTEX 8012B	TPH 8015M (GRO-DRO-MRO)	Chloride 4500	Lab #	Sample Comments
CS-102	S	7/16/2025			Comp	1		X	X	X	501	2.2
CS-103	S	7/16/2025			Comp	1		X	X	X	502	2.6
CS-104	S	7/16/2025			Comp	1		X	X	X	503	2.4
CS-105	S	7/16/2025			Comp	1		X	X	X	504	2.2
CS-106	S	7/16/2025			Comp	1		X	X	X	505	3.0
CS-107	S	7/16/2025			Comp	1		X	X	X	506	2.8
CS-108	S	7/16/2025			Comp	1		X	X	X	507	2.4
CS-109	S	7/16/2025			Comp	1		X	X	X	508	2.6
CS-110	S	7/16/2025			Comp	1		X	X	X	509	3.0
SW-3	S	7/16/2025			Comp	1		X	X	X	600	3.6

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Kenny Han	Marissa Gonzales	7/18/25 1630	2. Marissa Gonzales		7/18/25 1915
3	Cauth Mon	7-21-25 745	4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Released to Imaging: 3/9/2026 10:21:05 AM
Received by OCD: 1/16/2026 12:00:47 AM

Envirotech eurofins

Environment Testing
Xenco

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: E507242
Job # 23087-0002

www.xenco.com Page 7 of 12

Project Manager:	Ethan Sessums	Bill to: (if different)	Shelly Cowden
Company Name:	Standard Safety & Supply	Company Name:	Pilot Water Solutions
Address:	2425 Trunk St.	Address:	
City, State ZIP:	Odessa, Texas, 79761	City, State ZIP:	
Phone:	254-266-5456	Email:	Ethan.Sessums@standardtx.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:	COG Sombrero	Turn Around	
Project Number:		☑ Routine ☐ Rush	
Project Location:	Lea Co. NM	Due Date:	
Sampler's Name:	Kenny Han	TAT starts the day received by the lab, if received by 4:30pm	
PO #:	P00314188		

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Samples Received Intact:	(Yes) No	Thermometer ID:		
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:		
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:		
Total Containers:	115	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	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	BTEX 8012B	TPH 8015M (GRO-DRO-MRO)	Chloride 4500	Lab #	Sample Comments
SW-4	S	7/16/2025			Comp	1		X	X	X	61	3.6
SW-5	S	7/16/2025			Comp	1		X	X	X	62	3.2
SW-6	S	7/16/2025			Comp	1		X	X	X	63	3.0
SW-7	S	7/16/2025			Comp	1		X	X	X	64	3.4
SW-8	S	7/16/2025			Comp	1		X	X	X	65	3.6
SW-9	S	7/16/2025			Comp	1		X	X	X	66	3.4
SW-10	S	7/16/2025			Comp	1		X	X	X	67	3.6
SW-16	S	7/16/2025			Comp	1		X	X	X	68	3.8
SW-17	S	7/16/2025			Comp	1		X	X	X	69	3.0
SW-23	S	7/16/2025			Comp	1		X	X	X	70	3.2

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010:** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Kenny Han	Marissa Gonzales	7.17.25 0830	Marissa Gonzales		7.18.25 1915
3	Caitlin Mac	7.17.25 1415	4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Released to Imaging: 3/9/2026 10:21:05 AM
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Envirotech
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Environment Testing
Xenco

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: E507242
Job# 23087-0002

www.xenco.com Page 8 of 12

Project Manager:	Ethan Sessums	Bill to: (if different)	Shelly Cowden
Company Name:	Standard Safety & Supply	Company Name:	Pilot Water Solutions
Address:	2425 Trunk St.	Address:	
City, State ZIP:	Odessa, Texas, 79761	City, State ZIP:	
Phone:	254-266-5456	Email:	Ethan.Sessums@standardtx.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:	COG Sombrero	Turn Around	☑ Routine ☐ Rush
Project Number:		Due Date:	
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Kenny Han		
PO #:	P00314188		

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	(Yes) No	
Samples Received Intact:	(Yes) No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:		
Total Containers:	115	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	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	BTEX 8012B	TPH 8015M (GRO-DRO-MRO)	Chloride 4500	Lab #	Sample Comments
SW-24	S	7/16/2025			Comp	1		X	X	X	71	2.4
SW-25	S	7/16/2025			Comp	1		X	X	X	72	2.8
SW-26	S	7/16/2025			Comp	1		X	X	X	73	2.0
SW-27	S	7/16/2025			Comp	1		X	X	X	74	3.6
SW-29	S	7/16/2025			Comp	1		X	X	X	75	3.2
SW-37	S	7/16/2025			Comp	1		X	X	X	76	3.0
SW-38	S	7/16/2025			Comp	1		X	X	X	77	2.0
SW-39	S	7/16/2025			Comp	1		X	X	X	78	2.4
SW-40	S	7/16/2025			Comp	1		X	X	X	79	2.6
SW-41	S	7/16/2025			Comp	1		X	X	X	80	3.0

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Kenny Han	Marissa Gonzales	7-18-25 0830	2 Marissa Gonzales		7.18.25 1915
3	Cecilia Mar	7.21.25 745	4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Envirotech Analytical Laboratory

Printed: 7/21/2025 12:41:01PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Standard Safety	Date Received:	07/21/25 07:45	Work Order ID:	E507242
Phone:	254-266-5456	Date Logged In:	07/18/25 18:04	Logged In By:	Caitlin Mars
Email:	ethan.sessums@standardtx.com	Due Date:	07/29/25 17:00 (6 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes	
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	No	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filtration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

Project COG Sombrero has been separated into 2 reports due to sample volume. WOs are E507242 & E507243. Time Sampled not provided on COC.

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Ethan Sessums



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Standard Safety

Project Name:	COG Sombrero
Work Order:	E507243
Job Number:	23087-0002
Received:	7/21/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/30/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 7/30/25

Ethan Sessums
P.O. Box 14987
Odessa, TX 79768

Project Name: COG Sombrero
Workorder: E507243
Date Received: 7/21/2025 7:45:05AM

Ethan Sessums,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/21/2025 7:45:05AM, under the Project Name: COG Sombrero.

The analytical test results summarized in this report with the Project Name: COG Sombrero apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe
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Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Released to Imaging: 3/9/2026 10:21:05 AM

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Sample Summary

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	07/30/25 09:52

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW-49	E507243-01A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-50	E507243-02A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-53	E507243-03A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-54	E507243-04A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-55	E507243-05A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-56	E507243-06A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-57	E507243-07A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-58	E507243-08A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-59	E507243-09A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-61	E507243-10A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-62	E507243-11A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-63	E507243-12A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-65	E507243-13A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-66	E507243-14A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-67	E507243-15A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-68	E507243-16A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-69	E507243-17A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-70	E507243-18A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-71	E507243-19A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-72	E507243-20A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-73	E507243-21A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-74	E507243-22A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-75	E507243-23A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-81	E507243-24A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-86	E507243-25A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-87	E507243-26A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-88	E507243-27A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-89	E507243-28A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-90	E507243-29A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-91	E507243-30A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-92	E507243-31A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-93	E507243-32A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-94	E507243-33A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-95	E507243-34A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.
SW-96	E507243-35A	Soil	07/16/25	07/21/25	Glass Jar, 2 oz.

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

SW-49

E507243-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*81.1 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.1 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530121
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*84.5 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530180
Chloride	**716**	20.0	1	07/26/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

SW-50

E507243-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*84.3 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.2 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530121
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*87.0 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530180
Chloride	**720**	20.0	1	07/26/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

SW-53

E507243-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.4 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.2 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530121
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*85.9 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530180
Chloride	**1150**	20.0	1	07/26/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

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E507243-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*81.7 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.5 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530121
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*85.2 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530180
Chloride	**840**	20.0	1	07/26/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

SW-55

E507243-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*83.8 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.2 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530121
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*83.2 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530180
Chloride	**964**	20.0	1	07/26/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

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E507243-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*81.8 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.9 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530121
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*86.1 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530180
Chloride	**833**	20.0	1	07/26/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

SW-57

E507243-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*84.0 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.2 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530121
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*85.6 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530180
Chloride	**641**	20.0	1	07/26/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

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E507243-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*85.2 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.4 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530121
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*84.7 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530180
Chloride	**975**	20.0	1	07/26/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

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E507243-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*83.2 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.2 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530121
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*84.3 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530180
Chloride	**838**	20.0	1	07/26/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

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E507243-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*83.7 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.4 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530121
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*84.0 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530180
Chloride	**871**	20.0	1	07/26/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

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E507243-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*83.9 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.1 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530121
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*84.4 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530180
Chloride	**754**	20.0	1	07/26/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

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E507243-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*84.0 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.3 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530121
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*84.1 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530180
Chloride	**1020**	20.0	1	07/26/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

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E507243-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*83.8 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.4 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530121
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*83.4 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530180
Chloride	**583**	20.0	1	07/26/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

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E507243-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*85.3 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.4 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530121
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*81.8 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530180
Chloride	**606**	20.0	1	07/26/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

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E507243-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*85.3 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.8 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530121
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*84.1 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530180
Chloride	**508**	20.0	1	07/26/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

SW-68

E507243-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*85.5 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.6 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530121
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*85.8 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530180
Chloride	ND	20.0	1	07/26/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

SW-69

E507243-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.1 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.2 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530121
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*87.2 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530180
Chloride	ND	20.0	1	07/26/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

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E507243-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*84.5 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.2 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530121
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*87.3 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530180
Chloride	ND	20.0	1	07/26/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

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E507243-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*82.5 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.9 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530121
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*85.0 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530180
Chloride	ND	20.0	1	07/26/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

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E507243-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*82.2 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2530138
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.5 %*	*70-130*	*07/24/25*	*07/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2530121
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/26/25	
Surrogate: n-Nonane		*84.2 %*	*61-141*	*07/23/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530180
Chloride	ND	20.0	1	07/26/25	07/26/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

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E507243-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530139
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.3 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530139
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530122
Diesel Range Organics (C10-C28)	**30.3**	25.0	1	07/23/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/29/25	
Surrogate: n-Nonane		*100 %*	*61-141*	*07/23/25*	*07/29/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530181
Chloride	ND	20.0	1	07/26/25	07/27/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

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E507243-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530139
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.8 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530139
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.5 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530122
Diesel Range Organics (C10-C28)	**25.9**	25.0	1	07/23/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/29/25	
Surrogate: n-Nonane		*101 %*	*61-141*	*07/23/25*	*07/29/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530181
Chloride	ND	20.0	1	07/26/25	07/27/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

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E507243-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530139
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.0 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530139
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.0 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530122
Diesel Range Organics (C10-C28)	**26.9**	25.0	1	07/23/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/29/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*07/23/25*	*07/29/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530181
Chloride	ND	20.0	1	07/26/25	07/27/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

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E507243-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530139
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.1 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530139
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.4 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530122
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/29/25	
Surrogate: n-Nonane		*98.1 %*	*61-141*	*07/23/25*	*07/29/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530181
Chloride	ND	20.0	1	07/26/25	07/27/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

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E507243-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530139
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.5 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530139
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.6 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530122
Diesel Range Organics (C10-C28)	**33.0**	25.0	1	07/23/25	07/29/25	
Oil Range Organics (C28-C36)	**75.4**	50.0	1	07/23/25	07/29/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*07/23/25*	*07/29/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530181
Chloride	ND	20.0	1	07/26/25	07/27/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

SW-87

E507243-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530139
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*92.5 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530139
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.3 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530122
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/29/25	
Oil Range Organics (C28-C36)	**53.8**	50.0	1	07/23/25	07/29/25	
Surrogate: n-Nonane		*95.0 %*	*61-141*	*07/23/25*	*07/29/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530181
Chloride	ND	20.0	1	07/26/25	07/27/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

SW-88

E507243-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530139
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.2 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530139
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530122
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/29/25	
Oil Range Organics (C28-C36)	**51.4**	50.0	1	07/23/25	07/29/25	
Surrogate: n-Nonane		*99.6 %*	*61-141*	*07/23/25*	*07/29/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530181
Chloride	**104**	20.0	1	07/26/25	07/27/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

SW-89

E507243-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530139
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*92.9 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530139
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530122
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/29/25	
Oil Range Organics (C28-C36)	**65.8**	50.0	1	07/23/25	07/29/25	
Surrogate: n-Nonane		*99.3 %*	*61-141*	*07/23/25*	*07/29/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530181
Chloride	**24.7**	20.0	1	07/26/25	07/27/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

SW-90

E507243-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530139
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.2 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530139
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.4 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530122
Diesel Range Organics (C10-C28)	**31.2**	25.0	1	07/23/25	07/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/28/25	
Surrogate: n-Nonane		*98.6 %*	*61-141*	*07/23/25*	*07/28/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530181
Chloride	**102**	20.0	1	07/26/25	07/27/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

SW-91

E507243-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530139
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.5 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530139
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.1 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530122
Diesel Range Organics (C10-C28)	**37.6**	25.0	1	07/23/25	07/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/28/25	
Surrogate: n-Nonane		*96.7 %*	*61-141*	*07/23/25*	*07/28/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530181
Chloride	**2130**	40.0	2	07/26/25	07/27/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

SW-92

E507243-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530139
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.0 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530139
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.7 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530122
Diesel Range Organics (C10-C28)	**44.9**	25.0	1	07/23/25	07/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/28/25	
Surrogate: n-Nonane		*99.6 %*	*61-141*	*07/23/25*	*07/28/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530181
Chloride	**1570**	20.0	1	07/26/25	07/27/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

SW-93

E507243-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530139
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.2 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530139
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530122
Diesel Range Organics (C10-C28)	**27.7**	25.0	1	07/23/25	07/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/28/25	
Surrogate: n-Nonane		*98.3 %*	*61-141*	*07/23/25*	*07/28/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530181
Chloride	ND	20.0	1	07/26/25	07/27/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

SW-94

E507243-33

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530139
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*91.3 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530139
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.2 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530122
Diesel Range Organics (C10-C28)	**37.1**	25.0	1	07/23/25	07/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/28/25	
Surrogate: n-Nonane		*99.2 %*	*61-141*	*07/23/25*	*07/28/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530181
Chloride	ND	20.0	1	07/26/25	07/27/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

SW-95

E507243-34

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530139
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.1 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530139
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.1 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530122
Diesel Range Organics (C10-C28)	**39.7**	25.0	1	07/23/25	07/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/28/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*07/23/25*	*07/28/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530181
Chloride	ND	20.0	1	07/26/25	07/27/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

SW-96

E507243-35

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530139
Benzene	ND	0.0250	1	07/24/25	07/26/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/26/25	
Toluene	ND	0.0250	1	07/24/25	07/26/25	
o-Xylene	ND	0.0250	1	07/24/25	07/26/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/26/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.2 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530139
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.7 %*	*70-130*	*07/24/25*	*07/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530122
Diesel Range Organics (C10-C28)	**36.8**	25.0	1	07/23/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/29/25	
Surrogate: n-Nonane		*101 %*	*61-141*	*07/23/25*	*07/29/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2530181
Chloride	ND	20.0	1	07/26/25	07/27/25	

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530138-BLK1)									Prepared: 07/24/25 Analyzed: 07/26/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*6.65*		*8.00*		*83.1*	*70-130*			
LCS (2530138-BS1)									Prepared: 07/24/25 Analyzed: 07/27/25
Benzene	5.11	0.0250	5.00		102	70-130			
Ethylbenzene	5.42	0.0250	5.00		108	70-130			
Toluene	5.38	0.0250	5.00		108	70-130			
o-Xylene	5.37	0.0250	5.00		107	70-130			
p,m-Xylene	10.9	0.0500	10.0		109	70-130			
Total Xylenes	16.3	0.0250	15.0		108	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*6.72*		*8.00*		*84.0*	*70-130*			
Matrix Spike (2530138-MS1)				**Source: E507243-04**					Prepared: 07/24/25 Analyzed: 07/27/25
Benzene	4.91	0.0250	5.00	ND	98.2	70-130			
Ethylbenzene	5.24	0.0250	5.00	ND	105	70-130			
Toluene	5.19	0.0250	5.00	ND	104	70-130			
o-Xylene	5.18	0.0250	5.00	ND	104	70-130			
p,m-Xylene	10.5	0.0500	10.0	ND	105	70-130			
Total Xylenes	15.7	0.0250	15.0	ND	105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*6.58*		*8.00*		*82.3*	*70-130*			
Matrix Spike Dup (2530138-MSD1)				**Source: E507243-04**					Prepared: 07/24/25 Analyzed: 07/27/25
Benzene	5.21	0.0250	5.00	ND	104	70-130	5.87	27	
Ethylbenzene	5.59	0.0250	5.00	ND	112	70-130	6.58	26	
Toluene	5.53	0.0250	5.00	ND	111	70-130	6.26	20	
o-Xylene	5.54	0.0250	5.00	ND	111	70-130	6.62	25	
p,m-Xylene	11.3	0.0500	10.0	ND	113	70-130	6.66	23	
Total Xylenes	16.8	0.0250	15.0	ND	112	70-130	6.65	26	
Surrogate: 4-Bromochlorobenzene-PID	*6.54*		*8.00*		*81.7*	*70-130*			

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530139-BLK1)									Prepared: 07/24/25 Analyzed: 07/26/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.50*		*8.00*		*93.8*	*70-130*			
LCS (2530139-BS1)									Prepared: 07/24/25 Analyzed: 07/26/25
Benzene	4.98	0.0250	5.00		99.7	70-130			
Ethylbenzene	4.97	0.0250	5.00		99.4	70-130			
Toluene	5.00	0.0250	5.00		100	70-130			
o-Xylene	5.03	0.0250	5.00		101	70-130			
p,m-Xylene	9.97	0.0500	10.0		99.7	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.72*		*8.00*		*96.5*	*70-130*			
Matrix Spike (2530139-MS1)				**Source: E507243-26**					Prepared: 07/24/25 Analyzed: 07/26/25
Benzene	4.78	0.0250	5.00	ND	95.6	70-130			
Ethylbenzene	4.78	0.0250	5.00	ND	95.5	70-130			
Toluene	4.81	0.0250	5.00	ND	96.1	70-130			
o-Xylene	4.84	0.0250	5.00	ND	96.7	70-130			
p,m-Xylene	9.61	0.0500	10.0	ND	96.1	70-130			
Total Xylenes	14.4	0.0250	15.0	ND	96.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.48*		*8.00*		*93.5*	*70-130*			
Matrix Spike Dup (2530139-MSD1)				**Source: E507243-26**					Prepared: 07/24/25 Analyzed: 07/26/25
Benzene	4.88	0.0250	5.00	ND	97.6	70-130	2.05	27	
Ethylbenzene	4.88	0.0250	5.00	ND	97.6	70-130	2.17	26	
Toluene	4.92	0.0250	5.00	ND	98.3	70-130	2.24	20	
o-Xylene	4.95	0.0250	5.00	ND	98.9	70-130	2.23	25	
p,m-Xylene	9.82	0.0500	10.0	ND	98.2	70-130	2.18	23	
Total Xylenes	14.8	0.0250	15.0	ND	98.5	70-130	2.20	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.40*		*8.00*		*92.5*	*70-130*			

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530138-BLK1)									Prepared: 07/24/25 Analyzed: 07/26/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.98*		*8.00*		*87.2*	*70-130*			
LCS (2530138-BS2)									Prepared: 07/24/25 Analyzed: 07/27/25
Gasoline Range Organics (C6-C10)	51.7	20.0	50.0		103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.20*		*8.00*		*90.0*	*70-130*			
Matrix Spike (2530138-MS2)				**Source: E507243-04**					Prepared: 07/24/25 Analyzed: 07/27/25
Gasoline Range Organics (C6-C10)	50.3	20.0	50.0	ND	101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.15*		*8.00*		*89.4*	*70-130*			
Matrix Spike Dup (2530138-MSD2)				**Source: E507243-04**					Prepared: 07/24/25 Analyzed: 07/27/25
Gasoline Range Organics (C6-C10)	48.5	20.0	50.0	ND	97.0	70-130	3.73	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.07*		*8.00*		*88.4*	*70-130*			

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530139-BLK1)									Prepared: 07/24/25 Analyzed: 07/26/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.67*		*8.00*		*95.8*	*70-130*			
LCS (2530139-BS2)									Prepared: 07/24/25 Analyzed: 07/26/25
Gasoline Range Organics (C6-C10)	56.1	20.0	50.0		112	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.63*		*8.00*		*95.4*	*70-130*			
Matrix Spike (2530139-MS2)				**Source: E507243-26**					Prepared: 07/24/25 Analyzed: 07/26/25
Gasoline Range Organics (C6-C10)	59.0	20.0	50.0	ND	118	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.45*		*8.00*		*93.1*	*70-130*			
Matrix Spike Dup (2530139-MSD2)				**Source: E507243-26**					Prepared: 07/24/25 Analyzed: 07/26/25
Gasoline Range Organics (C6-C10)	55.6	20.0	50.0	ND	111	70-130	5.96	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.65*		*8.00*		*95.6*	*70-130*			

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530121-BLK1)									Prepared: 07/23/25 Analyzed: 07/26/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*40.9*		*50.0*		*81.9*	*61-141*			
LCS (2530121-BS1)									Prepared: 07/23/25 Analyzed: 07/26/25
Diesel Range Organics (C10-C28)	203	25.0	250		81.3	66-144			
Surrogate: n-Nonane	*42.4*		*50.0*		*84.7*	*61-141*			
Matrix Spike (2530121-MS1)				**Source: E507243-10**					Prepared: 07/23/25 Analyzed: 07/26/25
Diesel Range Organics (C10-C28)	208	25.0	250	ND	83.2	56-156			
Surrogate: n-Nonane	*42.7*		*50.0*		*85.5*	*61-141*			
Matrix Spike Dup (2530121-MSD1)				**Source: E507243-10**					Prepared: 07/23/25 Analyzed: 07/26/25
Diesel Range Organics (C10-C28)	208	25.0	250	ND	83.4	56-156	0.201	20	
Surrogate: n-Nonane	*42.5*		*50.0*		*85.0*	*61-141*			

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530122-BLK1)									Prepared: 07/23/25 Analyzed: 07/29/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*51.2*		*50.0*		*102*	*61-141*			
LCS (2530122-BS1)									Prepared: 07/23/25 Analyzed: 07/29/25
Diesel Range Organics (C10-C28)	286	25.0	250		115	66-144			
Surrogate: n-Nonane	*49.1*		*50.0*		*98.1*	*61-141*			
Matrix Spike (2530122-MS1)				**Source: E507243-31**					Prepared: 07/23/25 Analyzed: 07/29/25
Diesel Range Organics (C10-C28)	323	25.0	250	44.9	111	56-156			
Surrogate: n-Nonane	*49.9*		*50.0*		*99.8*	*61-141*			
Matrix Spike Dup (2530122-MSD1)				**Source: E507243-31**					Prepared: 07/23/25 Analyzed: 07/29/25
Diesel Range Organics (C10-C28)	290	25.0	250	44.9	98.0	56-156	10.7	20	
Surrogate: n-Nonane	*46.8*		*50.0*		*93.6*	*61-141*			

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530180-BLK1)									Prepared: 07/26/25 Analyzed: 07/26/25
Chloride	ND	20.0							
LCS (2530180-BS1)									Prepared: 07/26/25 Analyzed: 07/26/25
Chloride	249	20.0	250		99.6	90-110			
Matrix Spike (2530180-MS1)				**Source: E507243-03**					Prepared: 07/26/25 Analyzed: 07/26/25
Chloride	1400	20.0	250	1150	102	80-120			
Matrix Spike Dup (2530180-MSD1)				**Source: E507243-03**					Prepared: 07/26/25 Analyzed: 07/26/25
Chloride	1410	20.0	250	1150	105	80-120	0.546	20	

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	7/30/2025 9:52:40AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530181-BLK1)									Prepared: 07/26/25 Analyzed: 07/26/25
Chloride	ND	20.0							
LCS (2530181-BS1)									Prepared: 07/26/25 Analyzed: 07/26/25
Chloride	251	20.0	250		101	90-110			
Matrix Spike (2530181-MS1)				**Source: E507243-24**					Prepared: 07/26/25 Analyzed: 07/27/25
Chloride	254	20.0	250	ND	102	80-120			
Matrix Spike Dup (2530181-MSD1)				**Source: E507243-24**					Prepared: 07/26/25 Analyzed: 07/27/25
Chloride	255	20.0	250	ND	102	80-120	0.344	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	07/30/25 09:52

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

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Work Order No: E507243
Job #23087-0002

www.xenco.com Page 9 of 12

Project Manager:	Ethan Sessums	Bill to: (if different)	Shelly Cowden
Company Name:	Standard Safety & Supply	Company Name:	Pilot Water Solutions
Address:	2425 Trunk St.	Address:	
City, State ZIP:	Odessa, Texas, 79761	City, State ZIP:	
Phone:	254-266-5456	Email:	Ethan.Sessums@standardtx.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:	COG Sombrero	Turn Around	☑ Routine ☐ Rush
Project Number:		Due Date:	
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Kenny Han		
PO #:	P00314188		

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:	115	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	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	BTEX 8012B	TPH 8015M (GRO-DRO-MRO)	Chloride 4500																Sample Comments
																									Parameters
																									#907
SW-49	S	7/16/2025			Comp	1	X	X	X																1	3.0
SW-50	S	7/16/2025			Comp	1	X	X	X																2	3.1
SW-53	S	7/16/2025			Comp	1	X	X	X																3	3.0
SW-54	S	7/16/2025			Comp	1	X	X	X																4	3.4
SW-55	S	7/16/2025			Comp	1	X	X	X																5	3.6
SW-56	S	7/16/2025			Comp	1	X	X	X																6	2.6
SW-57	S	7/16/2025			Comp	1	X	X	X																7	2.4
SW-58	S	7/16/2025			Comp	1	X	X	X																8	2.0
SW-59	S	7/16/2025			Comp	1	X	X	X																9	2.4
SW-61	S	7/16/2025			Comp	1	X	X	X																10	2.1

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Kenny Han	Marissa Gonzales	7-18-25 0830	Marissa Gonzales		7/18/25 1915
3	Garth Mac	7.21.25 745	4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Released to Imaging: 3/9/2026 10:21:05 AM
Received by OCD: 1/16/2026 12:00:47 AM

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Chain of Custody

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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: E807243
Job #23087-0002

www.xenco.com Page 10 of 12

Project Manager:	Ethan Sessums	Bill to: (if different)	Shelly Cowden
Company Name:	Standard Safety & Supply	Company Name:	Pilot Water Solutions
Address:	2425 Trunk St.	Address:	
City, State ZIP:	Odessa, Texas, 79761	City, State ZIP:	
Phone:	254-266-5456	Email:	Ethan.Sessums@standardtx.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:	COG Sombrero	Turn Around	☑ Routine ☐ Rush
Project Number:		Due Date:	
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Kenny Han		
PO #:	P00314188		

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	(Yes) No	
Samples Received Intact:	(Yes) No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:		
Total Containers:	115	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	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	BTEX 8012B	TPH 8015M (GRO-DRO-MRO)	Chloride 4500	Lab #	Sample Comments
SW-62	S	7/16/2025			Comp	1		X	X	X	11	2.6
SW-63	S	7/16/2025			Comp	1		X	X	X	12	2.8
SW-65	S	7/16/2025			Comp	1		X	X	X	13	3.4
SW-66	S	7/16/2025			Comp	1		X	X	X	14	3.6
SW-67	S	7/16/2025			Comp	1		X	X	X	15	3.8
SW-68	S	7/16/2025			Comp	1		X	X	X	16	3.0
SW-69	S	7/16/2025			Comp	1		X	X	X	17	3.0
SW-70	S	7/16/2025			Comp	1		X	X	X	18	2.6
SW-71	S	7/16/2025			Comp	1		X	X	X	19	2.4
SW-72	S	7/16/2025			Comp	1		X	X	X	20	2.0

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Kenny Han	Marissa Gonzales	7-18-25 0830	2 Marissa Gonzales		7 18 25 1915
3	Caith Ma	7.21.25 745	4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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Received by OCD: 1/16/2026 12:00:47 AM

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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: E507243
Job #23087-0002

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Project Manager:	Ethan Sessums	Bill to: (if different)	Shelly Cowden
Company Name:	Standard Safety & Supply	Company Name:	Pilot Water Solutions
Address:	2425 Trunk St.	Address:	
City, State ZIP:	Odessa, Texas, 79761	City, State ZIP:	
Phone:	254-266-5456	Email:	Ethan.Sessums@standardtx.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:	COG Sombrero	Turn Around	☑ Routine ☐ Rush
Project Number:		Pres. Code	
Project Location:	Lea Co. NM	Due Date:	
Sampler's Name:	Kenny Han	TAT starts the day received by the lab, if received by 4:30pm	
PO #:	P00314188		

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	(Yes) No	
Samples Received Intact:	(Yes) No	Thermometer ID:		
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:		
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:		
Total Containers:	110	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	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	BTEX 8012B	TPH 8015M (GRO-DRO-MRO)	Chloride 4500	Lab #	Sample Comments
SW-73	S	7/16/2025			Comp	1	X	X	X	21	3.2
SW-74	S	7/16/2025			Comp	1	X	X	X	22	3.6
SW-75	S	7/16/2025			Comp	1	X	X	X	23	3.2
SW-81	S	7/16/2025			Comp	1	X	X	X	24	3.4
SW-86	S	7/16/2025			Comp	1	X	X	X	25	3.8
SW-87	S	7/16/2025			Comp	1	X	X	X	26	4.1
SW-88	S	7/16/2025			Comp	1	X	X	X	27	4.0
SW-89	S	7/16/2025			Comp	1	X	X	X	28	3.6
SW-90	S	7/16/2025			Comp	1	X	X	X	29	3.8
SW-91	S	7/16/2025			Comp	1	X	X	X	30	4.0

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Kenny Han	Marissa Gonzales	71825 0830	2 Marissa Gonzales		71825 1415
3	Cuth Mar	7.21.25 745	4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: E507243
Job #23087-0002

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Project Manager:	Ethan Sessums	Bill to: (if different)	Shelly Cowden
Company Name:	Standard Safety & Supply	Company Name:	Pilot Water Solutions
Address:	2425 Trunk St.	Address:	
City, State ZIP:	Odessa, Texas, 79761	City, State ZIP:	
Phone:	254-266-5456	Email:	Ethan.Sessums@standardtx.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:	COG Sombrero	Turn Around	☑ Routine ☐ Rush
Project Number:		Due Date:	
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Kenny Han		
PO #:	P00314188		

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:	115	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	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	BTEX 8012B	TPH 8015M (GRO-DRO-MRO)	Chloride 4500	Lab #	Sample Comments
SW-92	S	7/16/2025			Comp	1		X	X	X	31	3.1
SW-93	S	7/16/2025			Comp	1		X	X	X	32	2.6
SW-94	S	7/16/2025			Comp	1		X	X	X	33	2.8
SW-95	S	7/16/2025			Comp	1		X	X	X	34	3.0
SW-96	S	7/16/2025			Comp	1		X	X	X	35	3.6

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Kenny Han	Marissa Gonzales	7.18.25 0830	2 Marissa Gonzales		7.18.25 1915
3	Cauth Mar	7.21.25 745	4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Envirotech Analytical Laboratory

Printed: 7/21/2025 12:44:48PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Standard Safety	Date Received:	07/21/25 07:45	Work Order ID:	E507243
Phone:	254-266-5456	Date Logged In:	07/18/25 18:13	Logged In By:	Caitlin Mars
Email:	ethan.sessums@standardtx.com	Due Date:	07/29/25 17:00 (6 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes	
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	No	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filtration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

Project COG Sombrero has been separated into 2 reports due to sample volume. WOs are E507242 & E507243. Time Sampled not provided on COC

Client Instruction

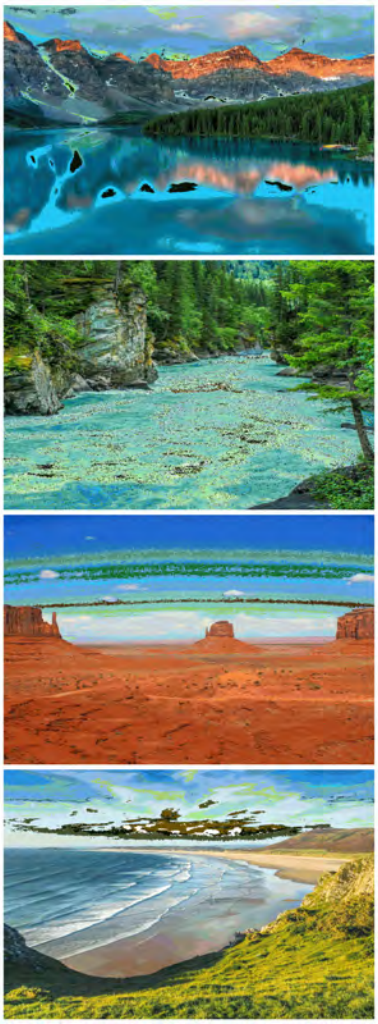
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Ethan Sessums



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Standard Safety

Project Name:	COG Sombrero
Work Order:	E508119
Job Number:	23087-0002
Received:	8/12/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/18/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 8/18/25

Ethan Sessums
P.O. Box 14987
Odessa, TX 79768

Project Name: COG Sombrero
Workorder: E508119
Date Received: 8/12/2025 7:30:00AM

Ethan Sessums,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/12/2025 7:30:00AM, under the Project Name: COG Sombrero.

The analytical test results summarized in this report with the Project Name: COG Sombrero apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
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Sample Summary

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	08/18/25 15:38

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-62	E508119-01A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
CS-63	E508119-02A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
CS-67	E508119-03A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
CS-68	E508119-04A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
CS-70	E508119-05A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
CS-73	E508119-06A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
CS-75	E508119-07A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
CS-76	E508119-08A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
CS-79	E508119-09A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
CS-81	E508119-10A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
CS-82	E508119-11A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
CS-83	E508119-12A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
CS-84	E508119-13A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
CS-85	E508119-14A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
CS-86	E508119-15A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
CS-87	E508119-16A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
CS-89	E508119-17A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
CS-90	E508119-18A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
CS-91	E508119-19A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
CS-92	E508119-20A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
CS-93	E508119-21A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
CS-94	E508119-22A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
CS-95	E508119-23A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
CS-96	E508119-24A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-25	E508119-25A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-26	E508119-26A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-27	E508119-27A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-29	E508119-28A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-37	E508119-29A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-38	E508119-30A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-39	E508119-31A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-40	E508119-32A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-41	E508119-33A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-49	E508119-34A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-50	E508119-35A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-53	E508119-36A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-54	E508119-37A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-55	E508119-38A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-56	E508119-39A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-57	E508119-40A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.

Sample Summary

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	08/18/25 15:38

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW-58	E508119-41A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-59	E508119-42A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-61	E508119-43A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-62	E508119-44A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-63	E508119-45A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-66	E508119-46A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-86	E508119-47A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-91	E508119-48A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-92	E508119-49A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-97	E508119-50A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-98	E508119-51A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-99	E508119-52A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-100	E508119-53A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-101	E508119-54A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-102	E508119-55A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-103	E508119-56A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-104	E508119-57A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-105	E508119-58A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-106	E508119-59A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.
SW-107	E508119-60A	Soil	08/08/25	08/12/25	Glass Jar, 4 oz.

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

CS-62

E508119-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Benzene	ND	0.0250	1	08/12/25	08/12/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/12/25	
Toluene	ND	0.0250	1	08/12/25	08/12/25	
o-Xylene	ND	0.0250	1	08/12/25	08/12/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/12/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/12/25	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*08/12/25*	*08/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*108 %*	*70-130*	*08/12/25*	*08/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2533034
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/13/25	
Surrogate: n-Nonane		*101 %*	*61-141*	*08/12/25*	*08/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533057
Chloride	**120**	20.0	1	08/12/25	08/12/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

CS-63

E508119-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Benzene	ND	0.0250	1	08/12/25	08/12/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/12/25	
Toluene	ND	0.0250	1	08/12/25	08/12/25	
o-Xylene	ND	0.0250	1	08/12/25	08/12/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/12/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/12/25	
Surrogate: 4-Bromochlorobenzene-PID		*99.0 %*	*70-130*	*08/12/25*	*08/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*108 %*	*70-130*	*08/12/25*	*08/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2533034
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/13/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*08/12/25*	*08/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533057
Chloride	**93.8**	20.0	1	08/12/25	08/12/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

CS-67

E508119-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Benzene	ND	0.0250	1	08/12/25	08/12/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/12/25	
Toluene	ND	0.0250	1	08/12/25	08/12/25	
o-Xylene	ND	0.0250	1	08/12/25	08/12/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/12/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/12/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.8 %*	*70-130*	*08/12/25*	*08/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*112 %*	*70-130*	*08/12/25*	*08/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2533034
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/13/25	
Surrogate: n-Nonane		*101 %*	*61-141*	*08/12/25*	*08/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533057
Chloride	**120**	20.0	1	08/12/25	08/12/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

CS-68

E508119-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Benzene	ND	0.0250	1	08/12/25	08/12/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/12/25	
Toluene	ND	0.0250	1	08/12/25	08/12/25	
o-Xylene	ND	0.0250	1	08/12/25	08/12/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/12/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/12/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.6 %*	*70-130*	*08/12/25*	*08/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*112 %*	*70-130*	*08/12/25*	*08/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2533034
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/13/25	
Surrogate: n-Nonane		*108 %*	*61-141*	*08/12/25*	*08/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533057
Chloride	**365**	20.0	1	08/12/25	08/12/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

CS-70

E508119-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.2 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*113 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2533034
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/13/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*08/12/25*	*08/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533057
Chloride	**255**	20.0	1	08/12/25	08/12/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

CS-73

E508119-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.7 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*108 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2533034
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/13/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*08/12/25*	*08/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533057
Chloride	**223**	20.0	1	08/12/25	08/12/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

CS-75

E508119-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.9 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*111 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2533034
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/13/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*08/12/25*	*08/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533057
Chloride	**206**	20.0	1	08/12/25	08/12/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

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E508119-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.1 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*112 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2533034
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/13/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*08/12/25*	*08/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533057
Chloride	**193**	20.0	1	08/12/25	08/12/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

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E508119-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.2 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*112 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2533034
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/13/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*08/12/25*	*08/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533057
Chloride	**178**	20.0	1	08/12/25	08/12/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

CS-81

E508119-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.8 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*116 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2533034
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/13/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*08/12/25*	*08/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533057
Chloride	**166**	20.0	1	08/12/25	08/12/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

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E508119-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.3 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*111 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2533034
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/13/25	
Surrogate: n-Nonane		*106 %*	*61-141*	*08/12/25*	*08/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533057
Chloride	**180**	20.0	1	08/12/25	08/12/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

CS-83

E508119-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.2 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*115 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2533034
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/13/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*08/12/25*	*08/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533057
Chloride	**183**	20.0	1	08/12/25	08/12/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

CS-84

E508119-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.6 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*110 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2533034
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/13/25	
Surrogate: n-Nonane		*105 %*	*61-141*	*08/12/25*	*08/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533057
Chloride	**195**	20.0	1	08/12/25	08/12/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

CS-85

E508119-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.2 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*116 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2533034
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/14/25	
Surrogate: n-Nonane		*105 %*	*61-141*	*08/12/25*	*08/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533057
Chloride	**119**	20.0	1	08/12/25	08/12/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

CS-86

E508119-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.1 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*115 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2533034
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/14/25	
Surrogate: n-Nonane		*105 %*	*61-141*	*08/12/25*	*08/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533057
Chloride	ND	20.0	1	08/12/25	08/12/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

CS-87

E508119-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.5 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*115 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2533034
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/14/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*08/12/25*	*08/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533057
Chloride	ND	20.0	1	08/12/25	08/12/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

CS-89

E508119-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.1 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*112 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2533034
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/14/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*08/12/25*	*08/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533057
Chloride	ND	20.0	1	08/12/25	08/13/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

CS-90

E508119-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.3 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*116 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2533034
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/14/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*08/12/25*	*08/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533057
Chloride	ND	20.0	1	08/12/25	08/13/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

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E508119-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.2 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*111 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2533034
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/14/25	
Surrogate: n-Nonane		*98.9 %*	*61-141*	*08/12/25*	*08/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533057
Chloride	**46.9**	20.0	1	08/12/25	08/13/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

CS-92

E508119-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.1 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533051
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*112 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2533034
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/14/25	
Surrogate: n-Nonane		*107 %*	*61-141*	*08/12/25*	*08/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533057
Chloride	**44.9**	20.0	1	08/12/25	08/13/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

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E508119-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*83.7 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/13/25	
Surrogate: n-Nonane		*105 %*	*61-141*	*08/12/25*	*08/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2533065
Chloride	ND	20.0	1	08/13/25	08/13/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

CS-94

E508119-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*84.1 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/13/25	
Surrogate: n-Nonane		*100 %*	*61-141*	*08/12/25*	*08/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2533065
Chloride	ND	20.0	1	08/13/25	08/13/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

CS-95

E508119-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*83.1 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.8 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/13/25	
Surrogate: n-Nonane		*99.7 %*	*61-141*	*08/12/25*	*08/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2533065
Chloride	ND	20.0	1	08/13/25	08/13/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

CS-96

E508119-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*84.0 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.0 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/13/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*08/12/25*	*08/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2533065
Chloride	ND	20.0	1	08/13/25	08/13/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

SW-25

E508119-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*82.6 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.8 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/13/25	
Surrogate: n-Nonane		*99.2 %*	*61-141*	*08/12/25*	*08/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2533065
Chloride	**50.3**	20.0	1	08/13/25	08/13/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

SW-26

E508119-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Benzene	ND	0.0250	1	08/12/25	08/12/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/12/25	
Toluene	ND	0.0250	1	08/12/25	08/12/25	
o-Xylene	ND	0.0250	1	08/12/25	08/12/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/12/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/12/25	
Surrogate: 4-Bromochlorobenzene-PID		*85.3 %*	*70-130*	*08/12/25*	*08/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.3 %*	*70-130*	*08/12/25*	*08/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/13/25	
Surrogate: n-Nonane		*100 %*	*61-141*	*08/12/25*	*08/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2533065
Chloride	**48.0**	20.0	1	08/13/25	08/13/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

SW-27

E508119-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*84.3 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.5 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/13/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*08/12/25*	*08/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2533065
Chloride	**51.3**	20.0	1	08/13/25	08/13/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

SW-29

E508119-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*83.5 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.8 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/13/25	
Surrogate: n-Nonane		*100 %*	*61-141*	*08/12/25*	*08/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2533065
Chloride	**49.0**	20.0	1	08/13/25	08/13/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

SW-37

E508119-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*84.1 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.6 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/13/25	
Surrogate: n-Nonane		*99.5 %*	*61-141*	*08/12/25*	*08/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2533065
Chloride	**48.5**	20.0	1	08/13/25	08/13/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

SW-38

E508119-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*83.7 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.6 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/14/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*08/12/25*	*08/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2533065
Chloride	**50.1**	20.0	1	08/13/25	08/13/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

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E508119-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*83.4 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.6 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/14/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*08/12/25*	*08/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2533065
Chloride	**50.9**	20.0	1	08/13/25	08/14/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

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E508119-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*83.2 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.7 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/14/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*08/12/25*	*08/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2533065
Chloride	**32.6**	20.0	1	08/13/25	08/14/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

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E508119-33

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*83.1 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.7 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/14/25	
Surrogate: n-Nonane		*105 %*	*61-141*	*08/12/25*	*08/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2533065
Chloride	**30.5**	20.0	1	08/13/25	08/14/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

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E508119-34

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*85.0 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.2 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/14/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*08/12/25*	*08/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2533065
Chloride	**28.6**	20.0	1	08/13/25	08/14/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

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E508119-35

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*83.7 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.6 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/14/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*08/12/25*	*08/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2533065
Chloride	**34.1**	20.0	1	08/13/25	08/14/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

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E508119-36

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*83.4 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.3 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/14/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*08/12/25*	*08/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2533065
Chloride	**26.4**	20.0	1	08/13/25	08/14/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

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E508119-37

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*83.5 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.1 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/14/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*08/12/25*	*08/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2533065
Chloride	**27.7**	20.0	1	08/13/25	08/14/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

SW-55

E508119-38

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*82.7 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.8 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/14/25	
Surrogate: n-Nonane		*105 %*	*61-141*	*08/12/25*	*08/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2533065
Chloride	**25.3**	20.0	1	08/13/25	08/14/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

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E508119-39

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	**0.0817**	0.0500	1	08/12/25	08/13/25	
Total Xylenes	**0.0817**	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*87.4 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.4 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/14/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*08/12/25*	*08/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2533065
Chloride	**24.9**	20.0	1	08/13/25	08/14/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

SW-57

E508119-40

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.9 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2533052
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.9 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/14/25	
Surrogate: n-Nonane		*107 %*	*61-141*	*08/12/25*	*08/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2533065
Chloride	**25.9**	20.0	1	08/13/25	08/14/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

SW-58

E508119-41

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*92.5 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.2 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533036
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/13/25	
Surrogate: n-Nonane		*101 %*	*61-141*	*08/12/25*	*08/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533068
Chloride	**27.4**	20.0	1	08/13/25	08/13/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

SW-59

E508119-42

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.8 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.9 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533036
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/13/25	
Surrogate: n-Nonane		*97.2 %*	*61-141*	*08/12/25*	*08/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533068
Chloride	ND	20.0	1	08/13/25	08/13/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

SW-61

E508119-43

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.9 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.3 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533036
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/13/25	
Surrogate: n-Nonane		*95.0 %*	*61-141*	*08/12/25*	*08/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533068
Chloride	ND	20.0	1	08/13/25	08/13/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

SW-62

E508119-44

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.7 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.6 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533036
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/13/25	
Surrogate: n-Nonane		*105 %*	*61-141*	*08/12/25*	*08/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533068
Chloride	ND	20.0	1	08/13/25	08/13/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

SW-63

E508119-45

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.2 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.5 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533036
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/13/25	
Surrogate: n-Nonane		*98.9 %*	*61-141*	*08/12/25*	*08/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533068
Chloride	ND	20.0	1	08/13/25	08/13/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

SW-66

E508119-46

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.9 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.7 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533036
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/13/25	
Surrogate: n-Nonane		*98.6 %*	*61-141*	*08/12/25*	*08/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533068
Chloride	ND	20.0	1	08/13/25	08/13/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

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E508119-47

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.3 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.0 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533036
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/13/25	
Surrogate: n-Nonane		*99.1 %*	*61-141*	*08/12/25*	*08/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533068
Chloride	ND	20.0	1	08/13/25	08/13/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

SW-91

E508119-48

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.9 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.3 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533036
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/13/25	
Surrogate: n-Nonane		*97.0 %*	*61-141*	*08/12/25*	*08/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533068
Chloride	ND	20.0	1	08/13/25	08/13/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

SW-92

E508119-49

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.5 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.1 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533036
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/13/25	
Surrogate: n-Nonane		*94.8 %*	*61-141*	*08/12/25*	*08/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533068
Chloride	**118**	20.0	1	08/13/25	08/13/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

SW-97

E508119-50

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.2 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.0 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533036
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/14/25	
Surrogate: n-Nonane		*96.6 %*	*61-141*	*08/12/25*	*08/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533068
Chloride	**137**	20.0	1	08/13/25	08/13/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

SW-98

E508119-51

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.0 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.3 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533036
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/14/25	
Surrogate: n-Nonane		*97.5 %*	*61-141*	*08/12/25*	*08/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533068
Chloride	**113**	20.0	1	08/13/25	08/13/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

SW-99

E508119-52

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.3 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.7 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533036
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/14/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*08/12/25*	*08/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533068
Chloride	**106**	20.0	1	08/13/25	08/13/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

SW-100

E508119-53

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.4 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.1 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533036
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/14/25	
Surrogate: n-Nonane		*96.2 %*	*61-141*	*08/12/25*	*08/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533068
Chloride	**142**	20.0	1	08/13/25	08/13/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

SW-101

E508119-54

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.8 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.1 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533036
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/14/25	
Surrogate: n-Nonane		*105 %*	*61-141*	*08/12/25*	*08/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533068
Chloride	**54.1**	20.0	1	08/13/25	08/13/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

SW-102

E508119-55

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.2 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.7 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533036
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/14/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*08/12/25*	*08/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533068
Chloride	**52.8**	20.0	1	08/13/25	08/13/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

SW-103

E508119-56

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.6 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.4 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533036
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/14/25	
Surrogate: n-Nonane		*99.5 %*	*61-141*	*08/12/25*	*08/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533068
Chloride	**59.2**	20.0	1	08/13/25	08/13/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

SW-104

E508119-57

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.3 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533036
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/14/25	
Surrogate: n-Nonane		*98.4 %*	*61-141*	*08/12/25*	*08/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533068
Chloride	**52.7**	20.0	1	08/13/25	08/13/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

SW-105

E508119-58

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.0 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.3 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533036
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/14/25	
Surrogate: n-Nonane		*101 %*	*61-141*	*08/12/25*	*08/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533068
Chloride	**114**	20.0	1	08/13/25	08/13/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

SW-106

E508119-59

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.1 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533036
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/14/25	
Surrogate: n-Nonane		*101 %*	*61-141*	*08/12/25*	*08/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533068
Chloride	**55.9**	20.0	1	08/13/25	08/13/25	

Sample Data

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

SW-107

E508119-60

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Benzene	ND	0.0250	1	08/12/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/13/25	
Toluene	ND	0.0250	1	08/12/25	08/13/25	
o-Xylene	ND	0.0250	1	08/12/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.2 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2533053
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.8 %*	*70-130*	*08/12/25*	*08/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2533036
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/14/25	
Surrogate: n-Nonane		*105 %*	*61-141*	*08/12/25*	*08/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533068
Chloride	**50.6**	20.0	1	08/13/25	08/13/25	

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2533051-BLK1)									Prepared: 08/12/25 Analyzed: 08/13/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.63*		*8.00*		*95.4*	*70-130*			
LCS (2533051-BS1)									Prepared: 08/12/25 Analyzed: 08/13/25
Benzene	3.60	0.0250	5.00		71.9	70-130			
Ethylbenzene	3.57	0.0250	5.00		71.4	70-130			
Toluene	3.59	0.0250	5.00		71.8	70-130			
o-Xylene	3.62	0.0250	5.00		72.4	70-130			
p,m-Xylene	7.29	0.0500	10.0		72.9	70-130			
Total Xylenes	10.9	0.0250	15.0		72.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.38*		*8.00*		*92.3*	*70-130*			
Matrix Spike (2533051-MS1)				**Source: E508119-04**					Prepared: 08/12/25 Analyzed: 08/13/25
Benzene	3.73	0.0250	5.00	ND	74.5	70-130			
Ethylbenzene	3.69	0.0250	5.00	ND	73.8	70-130			
Toluene	3.72	0.0250	5.00	ND	74.3	70-130			
o-Xylene	3.73	0.0250	5.00	ND	74.6	70-130			
p,m-Xylene	7.52	0.0500	10.0	ND	75.2	70-130			
Total Xylenes	11.3	0.0250	15.0	ND	75.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.35*		*8.00*		*91.9*	*70-130*			
Matrix Spike Dup (2533051-MSD1)				**Source: E508119-04**					Prepared: 08/12/25 Analyzed: 08/13/25
Benzene	4.23	0.0250	5.00	ND	84.5	70-130	12.6	27	
Ethylbenzene	4.20	0.0250	5.00	ND	83.9	70-130	12.9	26	
Toluene	4.22	0.0250	5.00	ND	84.3	70-130	12.6	20	
o-Xylene	4.20	0.0250	5.00	ND	84.0	70-130	11.8	25	
p,m-Xylene	8.53	0.0500	10.0	ND	85.3	70-130	12.6	23	
Total Xylenes	12.7	0.0250	15.0	ND	84.9	70-130	12.3	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.30*		*8.00*		*91.3*	*70-130*			

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2533052-BLK1)									Prepared: 08/12/25 Analyzed: 08/13/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*6.99*		*8.00*		*87.4*	*70-130*			
LCS (2533052-BS1)									Prepared: 08/12/25 Analyzed: 08/12/25
Benzene	4.72	0.0250	5.00		94.3	70-130			
Ethylbenzene	4.56	0.0250	5.00		91.1	70-130			
Toluene	4.69	0.0250	5.00		93.9	70-130			
o-Xylene	4.68	0.0250	5.00		93.5	70-130			
p,m-Xylene	9.30	0.0500	10.0		93.0	70-130			
Total Xylenes	14.0	0.0250	15.0		93.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*6.98*		*8.00*		*87.3*	*70-130*			
Matrix Spike (2533052-MS1)				**Source: E508119-26**					Prepared: 08/12/25 Analyzed: 08/15/25
Benzene	5.40	0.0250	5.00	ND	108	70-130			
Ethylbenzene	5.25	0.0250	5.00	ND	105	70-130			
Toluene	5.35	0.0250	5.00	ND	107	70-130			
o-Xylene	5.16	0.0250	5.00	ND	103	70-130			
p,m-Xylene	10.6	0.0500	10.0	ND	106	70-130			
Total Xylenes	15.8	0.0250	15.0	ND	105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*6.88*		*8.00*		*86.0*	*70-130*			
Matrix Spike Dup (2533052-MSD1)				**Source: E508119-26**					Prepared: 08/12/25 Analyzed: 08/13/25
Benzene	5.19	0.0250	5.00	ND	104	70-130	3.97	27	
Ethylbenzene	5.06	0.0250	5.00	ND	101	70-130	3.65	26	
Toluene	5.16	0.0250	5.00	ND	103	70-130	3.65	20	
o-Xylene	5.03	0.0250	5.00	ND	101	70-130	2.52	25	
p,m-Xylene	10.2	0.0500	10.0	ND	102	70-130	3.62	23	
Total Xylenes	15.3	0.0250	15.0	ND	102	70-130	3.26	26	
Surrogate: 4-Bromochlorobenzene-PID	*6.79*		*8.00*		*84.9*	*70-130*			

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2533053-BLK1)									Prepared: 08/12/25 Analyzed: 08/13/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.59*		*8.00*		*94.9*	*70-130*			
LCS (2533053-BS1)									Prepared: 08/12/25 Analyzed: 08/13/25
Benzene	5.51	0.0250	5.00		110	70-130			
Ethylbenzene	5.30	0.0250	5.00		106	70-130			
Toluene	5.44	0.0250	5.00		109	70-130			
o-Xylene	5.18	0.0250	5.00		104	70-130			
p,m-Xylene	10.6	0.0500	10.0		106	70-130			
Total Xylenes	15.8	0.0250	15.0		105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.56*		*8.00*		*94.5*	*70-130*			
Matrix Spike (2533053-MS1)				**Source: E508119-54**					Prepared: 08/12/25 Analyzed: 08/13/25
Benzene	5.49	0.0250	5.00	ND	110	70-130			
Ethylbenzene	5.28	0.0250	5.00	ND	106	70-130			
Toluene	5.42	0.0250	5.00	ND	108	70-130			
o-Xylene	5.15	0.0250	5.00	ND	103	70-130			
p,m-Xylene	10.6	0.0500	10.0	ND	106	70-130			
Total Xylenes	15.7	0.0250	15.0	ND	105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.40*		*8.00*		*92.5*	*70-130*			
Matrix Spike Dup (2533053-MSD1)				**Source: E508119-54**					Prepared: 08/12/25 Analyzed: 08/13/25
Benzene	5.51	0.0250	5.00	ND	110	70-130	0.507	27	
Ethylbenzene	5.32	0.0250	5.00	ND	106	70-130	0.740	26	
Toluene	5.44	0.0250	5.00	ND	109	70-130	0.479	20	
o-Xylene	5.20	0.0250	5.00	ND	104	70-130	0.931	25	
p,m-Xylene	10.7	0.0500	10.0	ND	107	70-130	0.771	23	
Total Xylenes	15.9	0.0250	15.0	ND	106	70-130	0.823	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.44*		*8.00*		*93.0*	*70-130*			

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2533051-BLK1)									Prepared: 08/12/25 Analyzed: 08/13/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*9.30*		*8.00*		*116*	*70-130*			
LCS (2533051-BS2)									Prepared: 08/12/25 Analyzed: 08/13/25
Gasoline Range Organics (C6-C10)	42.5	20.0	50.0		85.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*9.53*		*8.00*		*119*	*70-130*			
Matrix Spike (2533051-MS2)				**Source: E508119-04**					Prepared: 08/12/25 Analyzed: 08/13/25
Gasoline Range Organics (C6-C10)	41.6	20.0	50.0	ND	83.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*9.01*		*8.00*		*113*	*70-130*			
Matrix Spike Dup (2533051-MSD2)				**Source: E508119-04**					Prepared: 08/12/25 Analyzed: 08/13/25
Gasoline Range Organics (C6-C10)	42.1	20.0	50.0	ND	84.1	70-130	1.14	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*9.00*		*8.00*		*112*	*70-130*			

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2533052-BLK1)									Prepared: 08/12/25 Analyzed: 08/13/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.41*		*8.00*		*92.7*	*70-130*			
LCS (2533052-BS2)									Prepared: 08/12/25 Analyzed: 08/12/25
Gasoline Range Organics (C6-C10)	46.6	20.0	50.0		93.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.54*		*8.00*		*94.3*	*70-130*			
Matrix Spike (2533052-MS2)				**Source: E508119-26**					Prepared: 08/12/25 Analyzed: 08/13/25
Gasoline Range Organics (C6-C10)	45.4	20.0	50.0	ND	90.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.53*		*8.00*		*94.1*	*70-130*			
Matrix Spike Dup (2533052-MSD2)				**Source: E508119-26**					Prepared: 08/12/25 Analyzed: 08/13/25
Gasoline Range Organics (C6-C10)	44.3	20.0	50.0	ND	88.5	70-130	2.56	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.55*		*8.00*		*94.3*	*70-130*			

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2533053-BLK1)									Prepared: 08/12/25 Analyzed: 08/13/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.55*		*8.00*		*94.4*	*70-130*			
LCS (2533053-BS2)									Prepared: 08/12/25 Analyzed: 08/13/25
Gasoline Range Organics (C6-C10)	50.0	20.0	50.0		100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.62*		*8.00*		*95.2*	*70-130*			
Matrix Spike (2533053-MS2)				**Source: E508119-54**					Prepared: 08/12/25 Analyzed: 08/13/25
Gasoline Range Organics (C6-C10)	49.9	20.0	50.0	ND	99.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.54*		*8.00*		*94.2*	*70-130*			
Matrix Spike Dup (2533053-MSD2)				**Source: E508119-54**					Prepared: 08/12/25 Analyzed: 08/13/25
Gasoline Range Organics (C6-C10)	48.4	20.0	50.0	ND	96.8	70-130	3.09	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.62*		*8.00*		*95.3*	*70-130*			

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2533034-BLK1)									Prepared: 08/12/25 Analyzed: 08/13/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*50.6*		*50.0*		*101*	*61-141*			
LCS (2533034-BS1)									Prepared: 08/12/25 Analyzed: 08/13/25
Diesel Range Organics (C10-C28)	277	25.0	250		111	66-144			
Surrogate: n-Nonane	*51.2*		*50.0*		*102*	*61-141*			
Matrix Spike (2533034-MS1)				**Source: E508119-04**					Prepared: 08/12/25 Analyzed: 08/13/25
Diesel Range Organics (C10-C28)	276	25.0	250	ND	110	56-156			
Surrogate: n-Nonane	*51.2*		*50.0*		*102*	*61-141*			
Matrix Spike Dup (2533034-MSD1)				**Source: E508119-04**					Prepared: 08/12/25 Analyzed: 08/13/25
Diesel Range Organics (C10-C28)	297	25.0	250	ND	119	56-156	7.40	20	
Surrogate: n-Nonane	*55.4*		*50.0*		*111*	*61-141*			

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2533035-BLK1)									Prepared: 08/12/25 Analyzed: 08/13/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*49.0*		*50.0*		*98.0*	*61-141*			
LCS (2533035-BS1)									Prepared: 08/12/25 Analyzed: 08/13/25
Diesel Range Organics (C10-C28)	267	25.0	250		107	66-144			
Surrogate: n-Nonane	*50.3*		*50.0*		*101*	*61-141*			
Matrix Spike (2533035-MS1)				**Source: E508119-25**					Prepared: 08/12/25 Analyzed: 08/13/25
Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	56-156			
Surrogate: n-Nonane	*52.3*		*50.0*		*105*	*61-141*			
Matrix Spike Dup (2533035-MSD1)				**Source: E508119-25**					Prepared: 08/12/25 Analyzed: 08/13/25
Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	56-156	1.75	20	
Surrogate: n-Nonane	*51.8*		*50.0*		*104*	*61-141*			

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2533036-BLK1)									Prepared: 08/12/25 Analyzed: 08/13/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*49.8*		*50.0*		*99.5*	*61-141*			
LCS (2533036-BS1)									Prepared: 08/12/25 Analyzed: 08/13/25
Diesel Range Organics (C10-C28)	267	25.0	250		107	66-144			
Surrogate: n-Nonane	*50.4*		*50.0*		*101*	*61-141*			
Matrix Spike (2533036-MS1)				**Source: E508119-46**					Prepared: 08/12/25 Analyzed: 08/13/25
Diesel Range Organics (C10-C28)	266	25.0	250	ND	106	56-156			
Surrogate: n-Nonane	*49.5*		*50.0*		*99.0*	*61-141*			
Matrix Spike Dup (2533036-MSD1)				**Source: E508119-46**					Prepared: 08/12/25 Analyzed: 08/13/25
Diesel Range Organics (C10-C28)	282	25.0	250	ND	113	56-156	5.61	20	
Surrogate: n-Nonane	*53.1*		*50.0*		*106*	*61-141*			

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2533057-BLK1)									Prepared: 08/12/25 Analyzed: 08/12/25
Chloride	ND	20.0							
LCS (2533057-BS1)									Prepared: 08/12/25 Analyzed: 08/12/25
Chloride	254	20.0	250		101	90-110			
Matrix Spike (2533057-MS1)				**Source: E508119-09**					Prepared: 08/12/25 Analyzed: 08/12/25
Chloride	434	20.0	250	178	102	80-120			
Matrix Spike Dup (2533057-MSD1)				**Source: E508119-09**					Prepared: 08/12/25 Analyzed: 08/12/25
Chloride	428	20.0	250	178	100	80-120	1.21	20	

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2533065-BLK1)									Prepared: 08/13/25 Analyzed: 08/13/25
Chloride	ND	20.0							
LCS (2533065-BS1)									Prepared: 08/13/25 Analyzed: 08/13/25
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2533065-MS1)				**Source: E508119-25**					Prepared: 08/13/25 Analyzed: 08/13/25
Chloride	306	20.0	250	50.3	102	80-120			
Matrix Spike Dup (2533065-MSD1)				**Source: E508119-25**					Prepared: 08/13/25 Analyzed: 08/13/25
Chloride	303	20.0	250	50.3	101	80-120	1.10	20	

QC Summary Data

Standard Safety	Project Name:	COG Sombrero	**Reported:**
P.O. Box 14987	Project Number:	23087-0002	
Odessa TX, 79768	Project Manager:	Ethan Sessums	8/18/2025 3:38:30PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2533068-BLK1)									Prepared: 08/13/25 Analyzed: 08/13/25
Chloride	ND	20.0							
LCS (2533068-BS1)									Prepared: 08/13/25 Analyzed: 08/13/25
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2533068-MS1)				**Source: E508119-42**					Prepared: 08/13/25 Analyzed: 08/13/25
Chloride	257	20.0	250	ND	103	80-120			
Matrix Spike Dup (2533068-MSD1)				**Source: E508119-42**					Prepared: 08/13/25 Analyzed: 08/13/25
Chloride	255	20.0	250	ND	102	80-120	0.840	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Standard Safety	Project Name:	COG Sombrero	
P.O. Box 14987	Project Number:	23087-0002	**Reported:**
Odessa TX, 79768	Project Manager:	Ethan Sessums	08/18/25 15:38

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Released to Imaging: 3/4/2026 10:21:05 AM
Received by OCD: 1/16/2026 12:00:47 AM

STANDARD SAFETY & SUPPLY

Chain of Custody

Main Office: 2524 Trunk Street, Odessa Texas 79761
Contact: (432) 653-0393
https://standardtx.com/

Project Manager:	Ethan Sessums	Bill to: (if different)	Shelly Cowden
Company Name:	Standard Safety & Supply	Company Name:	Pilot Water Solutions
Address:	2425 Trunk St.	Address:	
City, State ZIP:	Odessa, Texas, 79761	City, State ZIP:	
Phone:	254-266-5456	Email:	Ethan.Sessums@standardtx.com

Work Order Comments

Lab# E508119
Job # 23087-0002

Project Name:	COG Sombrero	Turn Around	☑ Routine ☐ Rush
Project Number:		Due Date:	5 day
Project Location:	Lea County, NM	TAT may vary based on lab start time.	
Sampler's Name:	Kenny Han		
PO #:	P00314188		

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	(Yes) No	
Samples Received Intact:	(Yes) No	Thermometer ID:		
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:		
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:		
Total Containers:	60	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	Matrix	Date Sampled	Time Sampled	Depth	Grab Com	# of Cont	Parameters: BTEX 8012B	TPH 8015M (GRO-DRO-MRO)	Chloride 4500 or EPA 300		Sample Comments
CS-62		8/8/2025			Com	1	x	x	x	1	2.6
CS-63		8/8/2025			Com	1	x	x	x	2	2.8
CS-67		8/8/2025			Com	1	x	x	x	3	3.0
CS-68		8/8/2025			Com	1	x	x	x	4	3.0
CS-70		8/8/2025			Com	1	x	x	x	5	2.4
CS-73		8/8/2025			Com	1	x	x	x	6	2.4
CS-75		8/8/2025			Com	1	x	x	x	7	2.8
CS-76		8/8/2025			Com	1	x	x	x	8	2.6
CS-79		8/8/2025			Com	1	x	x	x	9	3.2

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Kenny Han	Michelle Gonzales	8-11-25 0930	2 Michelle Gonzales	Marissa Gonzales	8-11-25 1400
3 Marissa Gonzales	Andrew Musso	8.11.25 1730	4 Andrew Musso	Cath Mas	8.12.25 730
5			6		

Disclaimer: This document and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed

Released to Imaging: 3/9/2026 10:21:05 AM
Received by OCD: 1/16/2026 12:00:47 AM

STANDARD SAFETY & SUPPLY

Chain of Custody

Main Office: 2524 Trunk Street, Odessa Texas 79761
Contact: (432) 653-0393
https://standardtx.com/

Project Manager:	Ethan Sessums	Bill to: (if different)	Shelly Cowden
Company Name:	Standard Safety & Supply	Company Name:	Pilot Water Solutions
Address:	2425 Trunk St.	Address:	
City, State ZIP:	Odessa, Texas, 79761	City, State ZIP:	
Phone:	254-266-5456	Email:	Ethan.Sessums@standardtx.com

Work Order Comments

Cm ~~del~~ lab# E508119
Job# 23087-0002

Project Name:	COG Sombrero	Turn Around	
Project Number:		☑ Routine ☐ Rush	
Project Location:	Lea County, NM	Due Date:	5 day
Sampler's Name:	Kenny Han	TAT may vary based on lab start time.	
PO #:	P00314188		

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	(Yes) No	
Samples Received Intact:	(Yes) No	Thermometer ID:		
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:		
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:		
Total Containers:	60	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	Matrix	Date Sampled	Time Sampled	Depth	Grab Com	# of Cont	Pres. Code	Parameters: BTEX 8012B	TPH 8015M (GRO-DRO-MRO)	Chloride 4500 or EPA 300		Sample Comments
CS-81		8/8/2025			Com	1		x	x	x	10	3.0
CS-82		8/8/2025			Com	1		x	x	x	11	3.2
CS-83		8/8/2025			Com	1		x	x	x	12	2.8
CS-84		8/8/2025			Com	1		x	x	x	13	2.6
CS-85		8/8/2025			Com	1		x	x	x	14	2.4
CS-86		8/8/2025			Com	1		x	x	x	15	2.0
CS-87		8/8/2025			Com	1		x	x	x	16	3.1
CS-89		8/8/2025			Com	1		x	x	x	17	2.6
CS-90		8/8/2025			Com	1		x	x	x	18	2.8

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Kenny Han	Michelle Gonzales	8.11.25 0930	2 Michelle Gonzales	Marissa Gonzales	8.11.25 1400
3 Marissa Gonzales	Andrew Musso	8.11.25 1730	4 Andrew Musso	Caith Man	8.12.25
5			6		

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STANDARD SAFETY & SUPPLY

Chain of Custody

Main Office: 2524 Trunk Street, Odessa Texas 79761
Contact: (432) 653-0393
https://standardtx.com/

Project Manager:	Ethan Sessums	Bill to: (if different)	Shelly Cowden
Company Name:	Standard Safety & Supply	Company Name:	Pilot Water Solutions
Address:	2425 Trunk St.	Address:	
City, State ZIP:	Odessa, Texas, 79761	City, State ZIP:	
Phone:	254-266-5456	Email:	Ethan.Sessums@standardtx.com

Work Order Comments

Lab # E508119

Job # 23087 - 0002

Project Name:	COG Sombrero	Turn Around	
Project Number:		☑ Routine ☐ Rush	
Project Location:	Lea County, NM	Due Date:	5 day
Sampler's Name:	Kenny Han	TAT may vary based on lab start time.	
PO #:	P00314188		

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	
Total Containers:	60	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	Matrix	Date Sampled	Time Sampled	Depth	Grab Com	# of Cont	Pres. Code	Parameters: BTEX 8012B	TPH 8015M (GRO-DRO-MRO)	Chloride 4500 or EPA 300		Sample Comments
CS-91		8/8/2025			Com	1		x	x	x	19	2.0
CS-92		8/8/2025			Com	1		x	x	x	20	1.8
CS-93		8/8/2025			Com	1		x	x	x	21	1.8
CS-94		8/8/2025			Com	1		x	x	x	22	2.4
CS-95		8/8/2025			Com	1		x	x	x	23	2.2
CS-96		8/8/2025			Com	1		x	x	x	24	2.6
SW-25		8/8/2025			Com	1		x	x	x	25	1.8
SW-26		8/8/2025			Com	1		x	x	x	26	1.6
SW-27		8/8/2025			Com	1		x	x	x	27	2.4

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1. Kenny Han	Michelle Gonzales	8-11-25 0930	2 Michelle Gonzales	Marissa Gonzales	8-11-25 1400
3 Marissa Gonzales	Andrew Musso	8.11.25 1730	4 Andrew Musso	Caitlin Mann	8.12.25 730
5			6		

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https://standardtx.com/

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Company Name:	Standard Safety & Supply	Company Name:	Pilot Water Solutions
Address:	2425 Trunk St.	Address:	
City, State ZIP:	Odessa, Texas, 79761	City, State ZIP:	
Phone:	254-266-5456	Email:	Ethan.Sessums@standardtx.com

Work Order Comments

Lab # E508119
Job # 23087-0002

Project Name:	COG Sombrero	Turn Around	☑ Routine ☐ Rush
Project Number:		Pres. Code	
Project Location:	Lea County, NM	Due Date:	5 day
Sampler's Name:	Kenny Han	TAT may vary based on lab start time.	
PO #:	P00314188		

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:	60	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

ANALYSIS REQUEST — Parameters: BTEX 8012B; TPH 8015M (GRO-DRO-MRO); Chloride 4500 or EPA 300

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab Com	# of Cont	BTEX 8012B	TPH 8015M (GRO-DRO-MRO)	Chloride 4500 or EPA 300		Sample Comments
SW-29		8/8/2025			Com	1	x	x	x	28	2.4
SW-37		8/8/2025			Com	1	x	x	x	29	2.6
SW-38		8/8/2025			Com	1	x	x	x	30	2.2
SW-39		8/8/2025			Com	1	x	x	x	31	3.0
SW-40		8/8/2025			Com	1	x	x	x	32	3.2
SW-41		8/8/2025			Com	1	x	x	x	33	2.8
SW-49		8/8/2025			Com	1	x	x	x	34	2.4
SW-50		8/8/2025			Com	1	x	x	x	35	2.0
SW-53		8/8/2025			Com	1	x	x	x	36	2.1

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1. Kenny Han	Michelle Gonzales	8.11.25 0930	2 Michelle Gonzales	Marissa Gonzales	8-11-25 1400
3 Marissa Gonzales	Andrew Musso	8.11.25 1730	4 Andrew Musso	Caitlin Mor	8.12.25 730
5			6		

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Company Name:	Standard Safety & Supply	Company Name:	Pilot Water Solutions
Address:	2425 Trunk St.	Address:	
City, State ZIP:	Odessa, Texas, 79761	City, State ZIP:	
Phone:	254-266-5456	Email:	Ethan.Sessums@standardtx.com

Work Order Comments

Lab# E508119
Job#23087-0002

Project Name:	COG Sombrero	Turn Around	☑ Routine ☐ Rush
Project Number:		Pres. Code	
Project Location:	Lea County, NM	Due Date:	5 day
Sampler's Name:	Kenny Han	TAT may vary based on lab start time.	
PO #:	P00314188		

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:	60	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	Matrix	Date Sampled	Time Sampled	Depth	Grab Com	# of Cont	Parameters: BTEX 8012B	TPH 8015M (GRO-DRO-MRO)	Chloride 4500 or EPA 300											Sample Comments
SW-54		8/8/2025			Com	1	x	x	x										37	1.4
SW-55		8/8/2025			Com	1	x	x	x										38	1.8
SW-56		8/8/2025			Com	1	x	x	x										39	2.0
SW-57		8/8/2025			Com	1	x	x	x										40	2.6
SW58		8/8/2025			Com	1	x	x	x										41	2.8
SW-59		8/8/2025			Com	1	x	x	x										42	3.2
SW-61		8/8/2025			Com	1	x	x	x										43	3.0
SW-62		8/8/2025			Com	1	x	x	x										44	2.4
SW-63		8/8/2025			Com	1	x	x	x										45	2.6

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Kenny Han	Michelle Gonzales	8.11.25 0930	2 Michelle Gonzales	Marissa Gonzales	8.11.25 1400
3 Marissa Gonzales	Andrew Musso	8.11.25 1730	4 Andrew Musso	Caleb Mon	8.12.25 730
5			6		

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https://standardtx.com/

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Company Name:	Standard Safety & Supply	Company Name:	Pilot Water Solutions
Address:	2425 Trunk St.	Address:	
City, State ZIP:	Odessa, Texas, 79761	City, State ZIP:	
Phone:	254-266-5456	Email:	Ethan.Sessums@standardtx.com

Work Order Comments

~~Job #~~E508119
Lab
CM
~~La~~ Job#23087-0002

Project Name:	COG Sombrero	Turn Around	☑ Routine ☐ Rush
Project Number:		Pres. Code	
Project Location:	Lea County, NM	Due Date:	5 day
Sampler's Name:	Kenny Han	TAT may vary based on lab start time.	
PO #:	P00314188		

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	
Total Containers:	60	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	Matrix	Date Sampled	Time Sampled	Depth	Grab Com	# of Cont	Parameters: BTEX 8012B	TPH 8015M (GRO-DRO-MRO)	Chloride 4500 or EPA 300	Sample Comments
SW-66		8/8/2025			Com	1	x	x	x	46 3.1
SW-86		8/8/2025			Com	1	x	x	x	47 3.0
SW-91		8/8/2025			Com	1	x	x	x	48 2.4
SW-92		8/8/2025			Com	1	x	x	x	49 2.0
SW-97		8/8/2025			Com	1	x	x	x	50 1.8
SW-98		8/8/2025			Com	1	x	x	x	51 1.10
SW-99		8/8/2025			Com	1	x	x	x	52 2.4
SW-100		8/8/2025			Com	1	x	x	x	53 2.8
SW-101		8/8/2025			Com	1	x	x	x	54 2.6

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Kenny Han	Michelle Gonzales	8.11.25 0930	2 Michelle Gonzales	Marissa Gonzales	8.11.25 1400
3 Marissa Gonzales	Andrew Musso	8.11.25 1730	4 Andrew Musso	Cath Mc	8.12.25 730
5			6		

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Contact: (432) 653-0393
https://standardtx.com/

Project Manager:	Ethan Sessums	Bill to: (if different)	Shelly Cowden
Company Name:	Standard Safety & Supply	Company Name:	Pilot Water Solutions
Address:	2425 Trunk St.	Address:	
City, State ZIP:	Odessa, Texas, 79761	City, State ZIP:	
Phone:	254-266-5456	Email:	Ethan.Sessums@standardtx.com

Work Order Comments

Lab # E508119
Job # 23087-0002

Project Name:	COG Sombrero	Turn Around	☑ Routine ☐ Rush
Project Number:			
Project Location:	Lea County, NM	Due Date:	5 day
Sampler's Name:	Kenny Han	TAT may vary based on lab start time.	
PO #:	P00314188		

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:	60	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	Matrix	Date Sampled	Time Sampled	Depth	Grab Com	# of Cont	Pres. Code	Parameters: BTEX 8012B	TPH 8015M (GRO-DRO-MRO)	Chloride 4500 or EPA 300	Sample Comments
SW-102		8/8/2025			Com	1		x	x	x	55 2.6
SW-103		8/8/2025			Com	1		x	x	x	56 2.8
SW-104		8/8/2025			Com	1		x	x	x	57 2.3
SW-105		8/8/2025			Com	1		x	x	x	58 2.2
SW-106		8/8/2025			Com	1		x	x	x	59 2.4
SW-107		8/8/2025			Com	1		x	x	x	60 2.0

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Kenny Han	Michelle Gonzales	8.11.25 0930	2 Michelle Gonzales	Marissa Gonzales	8-11-25 1400
3 Marissa Gonzales	Andrew Musso	8.11.25 1730	4 Andrew Musso	Caith Mas	8.12.25 730
5			6		

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Envirotech Analytical Laboratory

Printed: 8/12/2025 11:23:39AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Standard Safety	Date Received:	08/12/25 07:30	Work Order ID:	E508119
Phone:	254-266-5456	Date Logged In:	08/11/25 15:18	Logged In By:	Caitlin Mars
Email:	ethan.sessums@standardtx.com	Due Date:	08/18/25 07:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes	
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filtration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

Matrix, and time sampled not provided on COC.

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

ATTACHEMENT F: WORK PLAN FOR CLOSURE OF THE COG SOMBRERO INCIDENT

Pilot Water Solutions Permian, LLC's Work Plan for Closure of the COG Sombrero Incident

October 24, 2024

Prepared for

Pilot Water Solutions Permian, LLC
20 Greenway Plaza Ste 500
Houston, Texas 77046
(713) 307-8702

Developed by

EIS Environmental & Permitting Solutions, LLC
479 Wolverine Drive
Bayfield, Colorado 81122
Phone: (970) 881-4080

Mr. Nelson Velez
Oil Conservation Division-District I
State of New Mexico-Energy Minerals and Natural Resources
1625 N. French Drive
Hobbs, New Mexico

EIS Environmental & Permitting Solutions, LLC
Work Plan for the COG Sombrero Incident
Jal, Lea County, New Mexico
Incident ID: nAPP2405746227

Dear Mr. Velez,

I am submitting this work plan for the COG Sombrero Incident as required by the New Mexico Oil Conservation Division (NMOCD) in response to the Notification of Release for incident nAPP2405746227, dated February 25, 2024.

1 Introduction

The scope of this work plan is to document the environmental sample collection objectives and the proposed technical site investigation strategies that will be utilized during the characterization of impacts associated with the release of oil and gas fluids at Pilot's COG Sombrero Site and subsequent remediation.

This work plan is produced by EIS Environmental & Permitting Solutions, LLC (EIS) to delineate potential impacted soils from a release occurring from the COG Sombrero header (Site) owned by OWL SWD Operating, LLC (OWL). OWL was purchased by Pilot Water Solutions Permian, LLC (Pilot), and change of operator paperwork is in process. Thus, the COG Sombrero header may still be recognized by regulators as an OWL facility although it is owned by Pilot and Pilot personnel manage the Site. The COG Sombrero header site is located in Section 13, Township 24S, Range 34E, approximately 15.75 miles northwest of Jal, Lea County, New Mexico.

On February 25, 2024, a pumper from ConocoPhillips contacted representatives of Pilot notifying them of a release occurring at the COG Sombrero header. In response, Pilot personnel responded immediately to the incident to stop the release. Initial reporting of the incident by onsite Pilot personnel reported the incident at 35 bbls having been released. However, after further investigation it became evident that the incident was larger than initially reported. Pilot representatives investigated the cause of the spill and found the nipple on the header had corroded and failed causing a larger amount then previously reported of produced water to leak from the header, across the pipeline right-of-way (ROW), and continue southward within a dry ephemeral drainage area for approximately 1,283 feet. EIS personnel assessed the incident on site on February 26, 2024 and mapped the horizontal perimeter of the incident based on soil saturation and staining as visible from the surface.

Cleanup efforts occurring from February 26, 2024 to March 7, 2024 included removal of soil with a hydrovac truck, specifically under the header and around the pipelines, to a depth of approximately four feet. A trackhoe and loader were utilized south of the pipeline ROW for the areas where there was no concern of line strikes to remove an initial six inches of contaminated soils across the remainder of the spill area, all the way down to the southern extent. The first 6 inches of soil were removed, and chloride test strips were utilized to help guide the initial excavation. Chloride test strips will continue to be utilized as a "real-time" indicator of chloride levels in the soil in order to further guide remediation efforts on the ground as is described further under the Scope of Work Section, below. The incident will be remediated to the point where all required constituent levels meet the closure criteria as outlined in Table 1. At that point, new soil will be tested, imported, and placed back to establish as nearly as practicable the same pre-disturbed contours and condition of the area as existed prior to the incident.

In New Mexico, the NMOCD oversees and regulates oil, gas, and geothermal activities, including enforcement and compliance with environmental regulations. Guidance for cleanup of crude oil and produced water releases is provided in the NMOCD Guidelines for Remediation of Leaks, Spills and Releases (September 6, 2019) document. Primary contaminants, or chemicals of concern (COCs), associated with releases from this header, and requested for testing and remediation in the directive attached to the NMOCD Release Notification include benzene, toluene, ethylbenzene, and total xylenes (BTEX), total petroleum hydrocarbons (TPH), and chlorides.

2 Site Assessment and Characterization

During the site assessment and characterization of the spill all concerns have been identified and mapped.

According to the NMOCD mapping tool, the lateral extent of the release is not within 300 feet of a significant watercourse. The nearest water feature as identified by the NMOCD mapping tool is identified as an OSE Stream (see Hydrology map in Attachment 3). Additionally, the release is not within 300 feet of an occupied permanent residence, school, hospital, institution, or church (visible from areal imagery in the Site Characterization Map in Attachment 1. The Site Characterization Map identifies a water feature closer to and within the release site commonly referred to as a "blue line" on the topographic map and which is further identified by the National Hydrography Dataset (NHD) as an intermittent watercourse flowline. The NHD typically identifies these water features based on the historic USGS Topographic Quadrangle maps, and this particular "blue line" on the Site Characterization Map is symbolized with a blue line followed by three dots, which is the USGS Topographic universal symbol for intermittent stream. Not only does the NMOCD online mapping tool not identify this stream (as shown in the Hydrology map), but as suggested by the USGS topography map, the stream is intermittent in nature. Further field investigation found that this water feature does not maintain a bed and bank, and as such would not meet the NMOCD's definition of a significant watercourse.

The lateral extent of the release is not within 200 feet of a lakebed, sinkhole, or playa lake, and karst potential is low (see Permian Basin Karst Areas and Hydrology maps in Attachment 3). The release is not within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes or within 1,000 feet of any spring or freshwater well (see OSE water pods and USGS Groundwater Wells map in Attachment 3).

According to the FEMA, the release is not within the 100-year floodplain (see Site Characterization Map in Atachment 1).

According to the National Wetlands Inventory online mapping tool, the release does not occur within 300 feet of a wetland (see National Wetlands Inventory Map in Attachment 3). While the National Wetlands Inventory Map does show a Riverine system in the same area as the aforementioned NHD and USGS Topographic Quadrangle map identified intermittent stream, further field investigation confirmed there was no riverine wetland in this area.

According to NMOCD mapping tool, the lateral extent of the spill is not within incorporated municipal boundaries or a defined municipal fresh water well and is not on an exploration, development, production, or storage site (see Site Characterization Map in Attachment 1).

A previously submitted work plan identified the nearest documented water well as greater than ½ mile from the spill site. A water well report was pulled in February 2024 from the New Mexico Office of the State Engineer (OSE) for nearby wells in order to determine the ground water level in the area (See Attachment 2). Based on this report, the shallowest nearby water level was found at 120 feet located in Section 30 of Township 24 North, Range 34 East. However, the closest water well is found at 160 feet in Section 24 of Township 24 North, Range 34 East (See Attachment 2).

However, in accordance with NMOCD rules, as the nearest well identified from the water well report was greater than ½ mile away, additional data was needed to determine depth to groundwater. On August 27, 2024, Talon Drilling was contracted to perform an environmental drill approximately 300 feet southwest of the spill origin. According to the drill report (see Attachment 5), the well was drilled to a depth of 105 feet and all cuttings were dry. The soils in which the well was drilled were unsuitable to maintain the well hole long term, and the borehole was maintained overnight to a depth of 62 feet. No evidence of water was found in borehole cuttings. Though the borehole was not maintained at a depth of greater than 100 feet due to soil properties at the site, the available evidence from the drill, particularly the dry cuttings, supports a depth to groundwater of greater than 100 feet.

It is proposed that cleanup standards follow Table 1 guidelines (see below) for depth to groundwater at greater than 100 feet. Based on these NMOCD remediation standards from rule 19.15.29 NMAC, the analytical closure criteria for confirmation samples collected from the affected area at the Site are: TPH concentration no greater than 2,500 mg/Kg with TPH concentration no greater than 100 mg/Kg within the first four feet of topsoil, benzene concentration of 10 mg/Kg, total BTEX concentration of 50 mg/Kg, and chloride concentration of 20,000 mg/Kg with chloride concentration of 600 mg/Kg within the first four feet of topsoil or background, whichever is greater (Table 1).

Table 1 of 19.15.29 NMAC

Table 1 Closer Criteria for Soils Impacted be a Release			
Minimum depth below any point within the horizontal boundary of the release to ground water less than 10,000 mg/l TDS	Constituent	Method*	Limit**
≤ 50 feet	Chloride***	EPA 300.0 or SM4500 Cl B	600 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg
51 feet-100 feet	Chloride***	EPA 300.0 or SM4500 Cl B	10,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg
>100 feet	**Chloride*** **	**EPA 300.0 or SM4500 Cl B**	**20,000 mg/kg**
	TPH (GRO+DRO+MRO)	**EPA SW-846 Method 8015M**	**2,500 mg/kg**
	GRO+DRO	**EPA SW-846 Method 8015M**	**1,000 mg/kg**
	BTEX	**EPA SW-846 Method 8021B or 8260B**	**50 mg/kg**
	Benzene	**EPA SW-846 Method 8021B or 8260B**	**10 mg/kg**

*Or other test methods approved by the division.
**Numerical limits or natural background level, whichever is greater.
***This applies to releases of produced water or other fluids, which may contain chloride.

3 Scope of Work

The day after the incident had been identified, a dirt work contractor (Zealous) began removing contaminated soil with hydrovac trucks at the source of the spill around the header. Soils were removed down to the caliche layer, a restrictive layer that could not be excavated with the hydrovac trucks and believed to be the vertical extent of contamination. Once that area had been cleaned

up, the hydrovac trucks were moved to the pipeline ROW to clean up the contaminated soil overlying active pipelines. Simultaneously, rubber-tired excavation equipment (backhoe) was brought in to excavate areas that were not at risk of a potential line strike, i.e,areas beyond the active pipelines and other utility lines identified by a “One-call”. The backhoe was used to remove the top six inches of soil in the spill area. Once the six inches had been removed, the area was assessed by presence of visual staining and/or the use of Hach QuanTab Chloride test strips to determine if contaminated soils persisted. If so, those areas were further excavated by removing another 6 inches of soil. Based on the observation of the caliche layer being the restrictive layer that confined the vertical migration of contamination, the backhoe was utilized down the length of the spill to excavate potholes in an effort to delineate the depth to the caliche layer, as it varied across the extent of the spill area.

During the cleanup of the areas of concern, EIS personnel utilized the Hach QuanTab Chloride test strips to sample soils for high levels of chlorides, along with visual observation of staining, to assist in delineation of the extent of the contaminated area. Using both a hand shovel and a backhoe (for deeper depths), soil test pits were dug downward through the soil column and across the extent of the contaminated area. QuanTab Chloride test strips were utilized to test soil from these soil test pits in an effort to delineate the vertical depth of the contamination (Attachments 3 and 4). It was found that the vertical extent of spill is dependent on the caliche depth, confirming that the caliche probably acts as the restrictive layer. The caliche depth varies widely, but by mapping out the depth of the caliche layer we believe we have delineated the vertical extent of the spill. At some locations, the contamination appears to saturate up to six inches into the caliche layer.

Based on this vertical delineation, Pilot proposes to further excavate and haul contaminated soil within the delineated area down to a depth of 6 inches below the top of the caliche layer, or to a depth of 4 feet as required by NMAC 19.15.29.13.D.(1), whichever comes first. Once all predicted contaminated soils have been removed, soil samples will be taken and sent for laboratory analysis to confirm the levels in the remaining soils are at or below the acceptable standards outlined in Table 1 per rule 19.15.29.13D (1). Then, the incident can be closed out in accordance with NMOCD Rule 19.15.29.

Soil samples are proposed to be taken every 400 square feet due to the size of the area (see further sampling description below and Attachment 7). Once laboratory soil sample results confirm the area meets the closure criteria in accordance with NMOCD Rule 19.15.29, new clean soil would be hauled in to replace the removed soil and contoured to restore the original surface elevation and original topography as nearly as practicable.

The expected volume of currently remaining contaminated soil to be excavated and hauled off is 2,335 cubic yards, based on delineation. In addition, 476 cubic yards have already been excavated and hauled off to date. This would result in a total removal of 2,811 cubic yards at the Site. The estimated time to complete remediation with the dig and haul is approximately nine (9) to ten (10) weeks.

Laboratory tested soil samples will be analyzed for BTEX by EPA Method 8260 or 8021, TPH by EPA Method 8015 extended range (GRO+DRO+MRO; C6 thru C36), and chloride by EPA Method 300.0 following NMOCD rule 19.15.29.12D. A homogenized core sample will be taken from the soil surface of the excavated area at or below the hard pan (caliche) up to 12 inches. All samples will be analyzed for BTEX, TPH, and chloride.

All soil sampling will be conducted by qualified biologists trained and experienced in using the appropriate equipment and standardized sampling methods as outlined. The soil samples will be collected in laboratory prepared glassware and placed in a cooler on ice, following chain-of-custody protocols. The samples will be transported to a selected analytical laboratory along with a completed chain-of-custody form and submitted for analysis of the parameters specified above.

4 Background

Background samples will be gathered in areas undisturbed by oil and gas activities and uphill from the release area. Background samples will be taken no closer than 50 feet but no farther than 100 feet from the lateral and horizontal extents of the release impacted area. These background samples would be representative of the soils impacted including the entire horizontal and vertical extent of the release. The depth of the samples will be collected at the same depth as the conformation samples.

5 Reporting

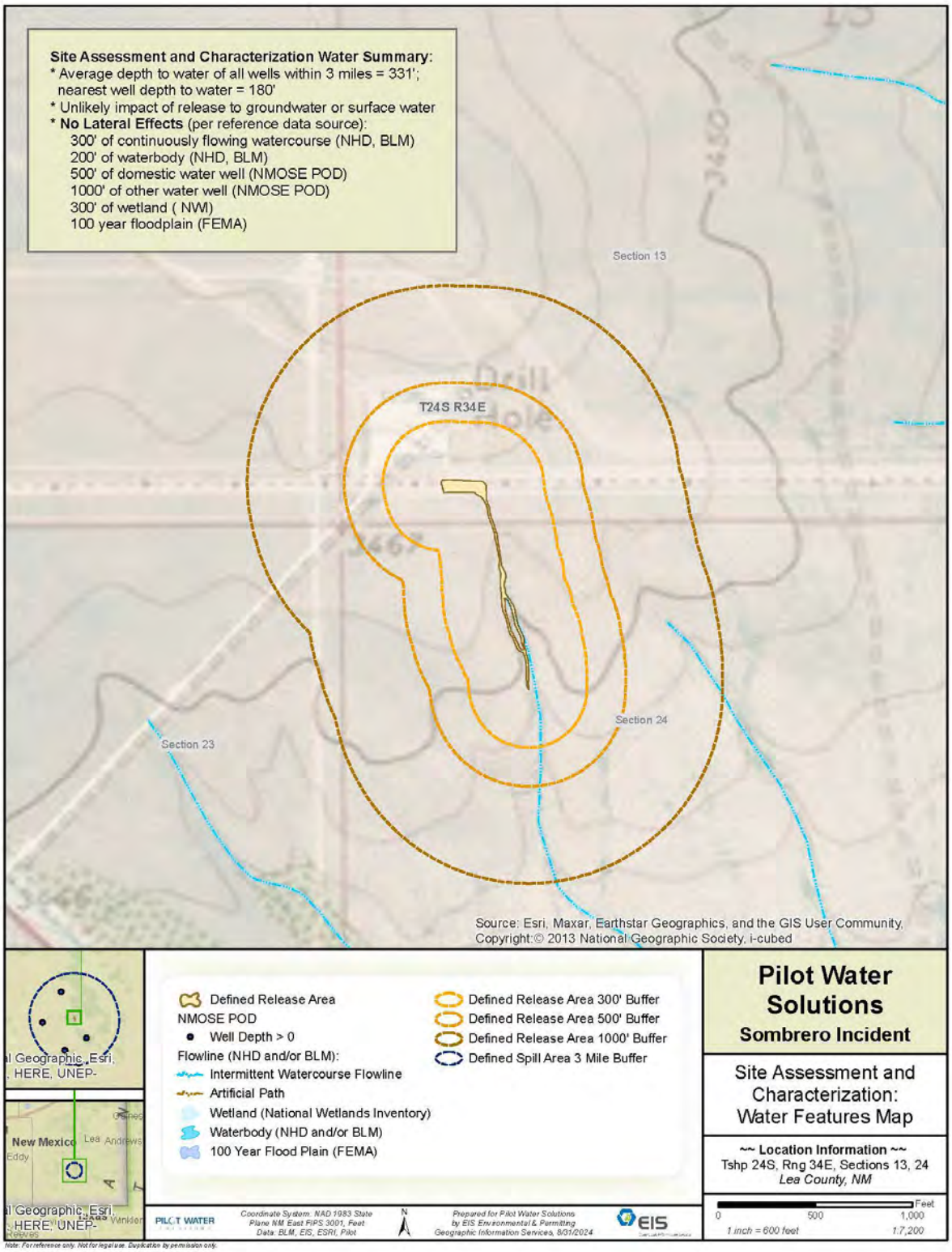
A Remediation Closure Report will be prepared to document the activities during the remediation outlined in the procedure and submitted to the NMOCD with a C-141 form for approval. The Remediation Closure Report will include site maps providing the location of the excavated area and sample locations, laboratory analytical results, chain of custody documentation, field data including samples not submitted for laboratory analysis, photograph documentation of the soil samples, fieldwork being conducted, and the proposed reclamation of the disturbed area. Following the NMOCD's approval of the Remediation Closure Report and successful reclamation/restoration of the release area, a Restoration Report will be submitted with a C-141 form for NMOCD approval and final closure of the release.

Tanner Paulek
Project Manager
EIS Environmental & Permitting Solutions, LLC
tannerpaulek@eis-llc.com
(970) 759-6847

Attachments:

Attachment 1 – Site Assessment & Characterization Map
Attachment 2 – OSE Water Well Report
Attachment 3 – Site Buffers Maps
Attachment 4 – Delineation Map Book and QuanTab Results
Attachment 5– Site Photos
Attachment 6 – Environmental drill report
Attachment 7 – Proposed Soil Sampling Map and Contaminated Area

Attachment 1 – Site Assessment & Characterization Map



Attachment 2 – OSE Water Well Report

New Mexico Office of the State Engineer

Wells with Well Log Information

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

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

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

(quarters are smallest to largest) (NAD83 UTM in meters) (in feet)

POD Number	Code	POD Subbasin	County	Source	q 6416	q 4	q 4	Sec	Tws	Rng	X	Y	Start Date	Finish Date	Log File Date	Depth Well	Depth Water	Driller	License Number
CT 00438 POD2		CT	UN	Shallow	4	4	4	24	24N	34E	656394	4017649	04/07/2017	04/18/2017	05/24/2017	394	160	WAGGONER, JUSTIN R.	1700
CT 00438 POD2	C	CT	UN	Shallow	4	4	4	24	24N	34E	656394	4017649	04/07/2017	04/18/2017	05/24/2017	394	160	WAGGONER, JUSTIN R.	1700
CT 01407 POD1		CT	UN	Shallow	2	3	4	30	24N	34E	647931	4016665	04/29/2009	05/04/2009	05/18/2009	340	120	AKIN, BRANT	437
CT 01621 POD1		CT	UN	Shallow	4	4	2	35	24N	34E	654845	4015034	10/20/2010	10/21/2010	11/02/2010	410	270	AKIN, BRANT	437
CT 01622 POD1		CT	UN	Shallow	2	4	2	33	24N	34E	651557	4015331	10/13/2010	10/14/2010	11/02/2010	360	240	AKIN, BRANT	437

Record Count: 5

PLSS Search:

Township: 24N **Range:** 34E

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

New Mexico Office of the State Engineer
Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64	Q16	Q4	Sec	Tws	Rng	(NAD83 UTM in meters) X	Y
	CT 00438 POD2	4	4	4	24	24N	34E	656394	4017649

Driller License:	1700	**Driller Company:**	DB&E		
Driller Name:	WAGGONER, JUSTIN R.				
Drill Start Date:	04/07/2017	**Drill Finish Date:**	04/18/2017	**Plug Date:**	
Log File Date:	05/24/2017	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	5 GPM
Casing Size:	5.00	**Depth Well:**	394 feet	**Depth Water:**	160 feet

Water Bearing Stratifications:	Top	Bottom	Description
	160	185	Other/Unknown
	185	210	Other/Unknown
	210	235	Other/Unknown
	235	335	Other/Unknown
	335	360	Other/Unknown
	360	385	Other/Unknown
	385	394	Other/Unknown

Casing Perforations:	Top	Bottom
	364	385

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

New Mexico Office of the State Engineer
Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	CT 01407 POD1	2	3	4	30	24N	34E	647931	4016665

Driller License:	437	**Driller Company:**	NOT FOR HIRE AKIN & AKIN DRILLING COMPANY, L.L.C.		
Driller Name:	AKIN, BRANT				
Drill Start Date:	04/29/2009	**Drill Finish Date:**	05/04/2009	**Plug Date:**	
Log File Date:	05/18/2009	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	10 GPM
Casing Size:	5.00	**Depth Well:**	340 feet	**Depth Water:**	120 feet

Water Bearing Stratifications:	Top	Bottom	Description
	70	90	Sandstone/Gravel/Conglomerate
	287	290	Other/Unknown

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New Mexico Office of the State Engineer
Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	CT 01621 POD1	4	4	2	35	24N	34E	654845	4015034

Driller License:	437	**Driller Company:**	NOT FOR HIRE AKIN & AKIN DRILLING COMPANY, L.L.C.		
Driller Name:	AKIN, BRANT				
Drill Start Date:	10/20/2010	**Drill Finish Date:**	10/21/2010	**Plug Date:**	
Log File Date:	11/02/2010	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	25 GPM
Casing Size:	5.00	**Depth Well:**	410 feet	**Depth Water:**	270 feet

Water Bearing Stratifications:	Top	Bottom	Description
	350	355	Sandstone/Gravel/Conglomerate
	355	360	Sandstone/Gravel/Conglomerate
	370	380	Sandstone/Gravel/Conglomerate
	385	390	Sandstone/Gravel/Conglomerate
	390	393	Sandstone/Gravel/Conglomerate

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New Mexico Office of the State Engineer
Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	CT 01622 POD1	2	4	2	33	24N	34E	651557	4015331

Driller License:	437	**Driller Company:**	NOT FOR HIRE AKIN & AKIN DRILLING COMPANY, L.L.C.		
Driller Name:	AKIN, BRANT				
Drill Start Date:	10/13/2010	**Drill Finish Date:**	10/14/2010	**Plug Date:**	
Log File Date:	11/02/2010	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	25 GPM
Casing Size:	5.00	**Depth Well:**	360 feet	**Depth Water:**	240 feet

Water Bearing Stratifications:	Top	Bottom	Description
	220	310	Sandstone/Gravel/Conglomerate
	340	350	Sandstone/Gravel/Conglomerate

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PLUGGING RECORD

NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-4868-POD-1

Well owner: Pilot Water Phone No.: (505) 692-0354

Mailing address: 20 Greenway Plaza, Suite 500

City: Houston State: Texas Zip code: 77046

II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: Talon/LPE, Ltd.

2) New Mexico Well Driller License No.: WD-1868 Expiration Date: 10/06/2025

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Robert A Meyer and Anthony D Ristow

4) Date well plugging began: 08/27/2024 Date well plugging concluded: 08/28/2024

5) GPS Well Location: Latitude: 32 deg, 12 min, 36.2946 sec
Longitude: -103 deg, 25 min, 51.7002 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 105 ft below ground level (bgl), by the following manner: Termination of drilling at 105'

7) Static water level measured at initiation of plugging: None ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: 08/13/2024

9) Were all plugging activities consistent with an approved plugging plan? No If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

Boring collapsed from 105' up to 62'. Boring then plugged with tremie piped grout fron 62' up to ground surface. No water encountered, all samples dry.

Received by OCD: 1/16/2026 12:00:47 AM

Released to Imaging: 3/9/2026 10:21:05 AM

Page 591 of 743

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
	0'-62' I/II Portland Cement	99.6	99.6	Tremie	No casing placed
	62'-105' Boring Collaped	N/A	N/A	Collapse	

MULTIPLY		BY		AND OBTAIN
cubic feet	x	7.4805	=	gallons
cubic yards	x	201.97	=	gallons

III. SIGNATURE:

I, Robert A Meyer, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Robert A Meyer — 09/12/2024

Signature of Well Driller — Date

Received by OCD: 1/16/2026 12:00:47 AM

Released to Imaging: 3/9/2026 10:21:05 AM

SOIL BORING / MONITORING WELL LOG

PROJECT: Eunice DTW
PROJECT NUMBER: 701093.001.01
CLIENT: Energy Inspection Services, LLC
BORING / WELL NUMBER: POD-1_SB-1
TOTAL DEPTH: 105'
SURFACE ELEVATION:
GEOLOGIST: Anthony Ristow
LATITUDE: 32° 12' 36.2946"

DRILLING COMPANY: Talon/ LPE
DRILLER: Anthony Ristow
DRILLING METHOD: Air Rotary
BORE HOLE DIAMETER: 6"
SCREEN: Diam. ___ Length ____ Slot Size ____
CASING: Diam. ____ Length ____ Type ____
DATE DRILLED: August 27-28, 2024
LONGITUDE: -103° 25' 51.7002"

PAGE 1 of 1

DEPTH (FT.)	USCS	SOIL SYMBOL	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
0								Red Sand, Dry Sandstone/Cemented Sand, Dry Caliche with Sand, Dry	
20								Red Sandy Gravel with Clay Nodules, Dry	
40									
60								Caliche with Sand, Dry	
80								Red Clay, Dry	
100							105'		
120								Bottom of hole.	

REMARKS:

THIS BORING LOG SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.

TALON LPE

KEY TO SYMBOLS

Symbol	Description
Monitor Well Details	
	Plugged Soil Boring

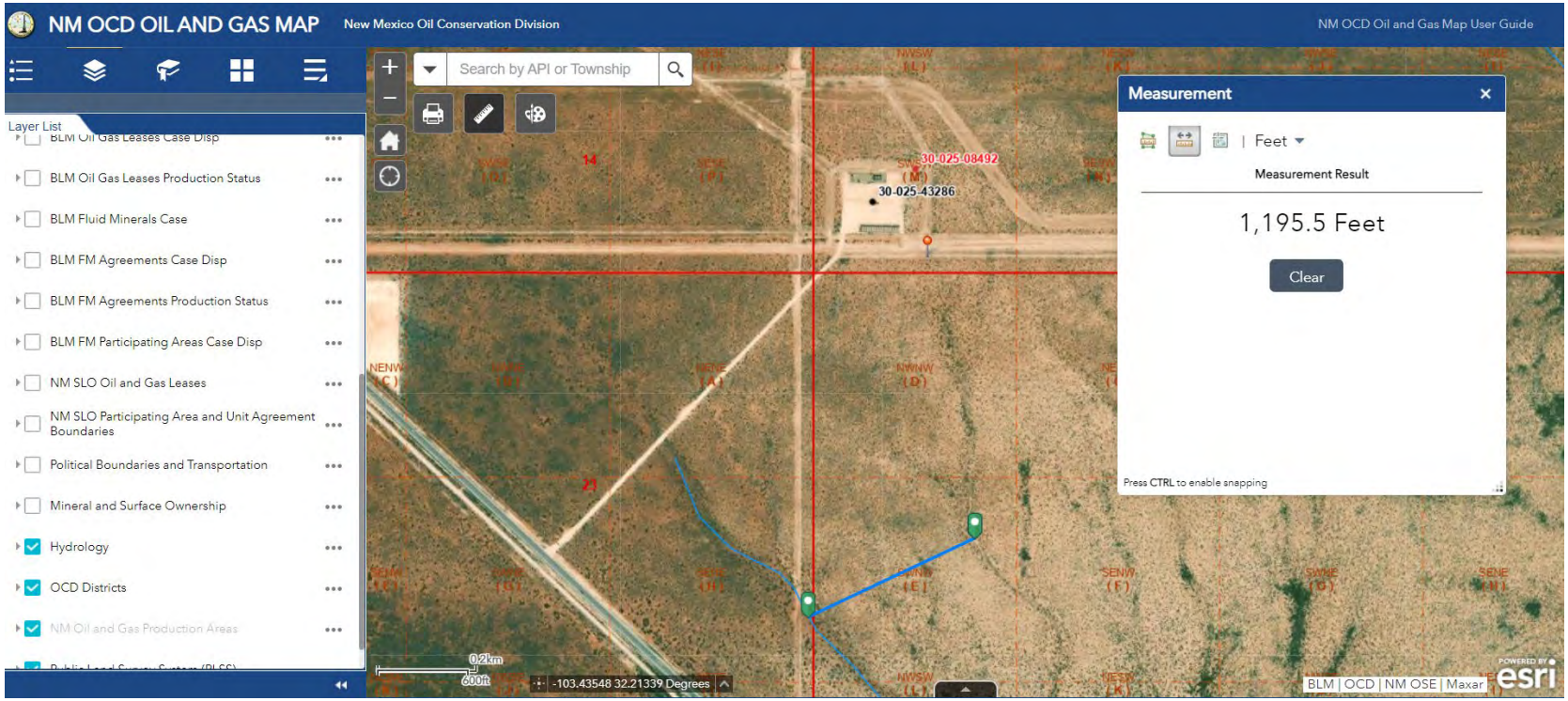
Attachment 3 – Site Buffers Maps

NMOCD- Permian Basin Karst Areas



NMOCD Hydrology




NM OCD OIL AND GAS MAP
New Mexico Oil Conservation Division
NM OCD Oil and Gas Map User Guide
Layer List
BLM Oil Gas Leases Production Status
BLM Fluid Minerals Case
BLM FM Agreements Case Disp
BLM FM Agreements Production Status
BLM FM Participating Areas Case Disp
NM SLO Oil and Gas Leases
NM SLO Participating Area and Unit Agreement Boundaries
Political Boundaries and Transportation
Mineral and Surface Ownership
Hydrology
OCD Districts
NM Oil and Gas Production Areas
Search by API or Township
30-025-08492
30-025-43286
Measurement
Feet
Measurement Result
1,195.5 Feet
Clear
Press CTRL to enable snapping
0.2km
600ft
-103.43548 32.21339 Degrees
BLM | OCD | NM OSE | Maxar
esri

U.S. Fish and Wildlife Service
National Wetlands Inventory

National Wetlands Inventory: Sombrero Release



October 19, 2024

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Approximate Sombrero release origin
- 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

OSE Water PODs & USGS Groundwater Wells



10/19/2024, 4:38:50 PM

1:9,028

0 0.07 0.15 0.3 mi

0 0.15 0.3 0.6 km

USGS, OCD, Maxar, BLM

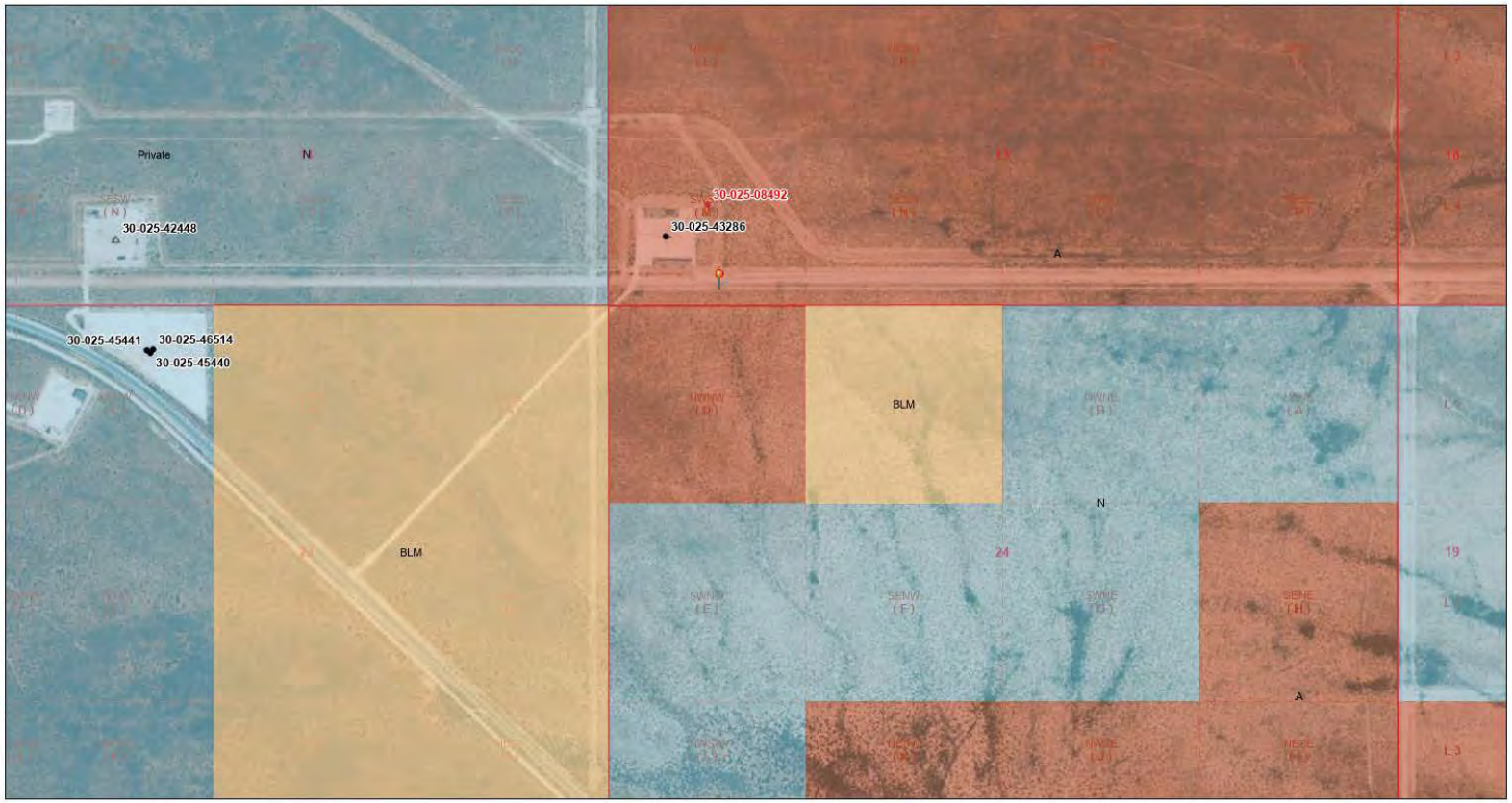
Wells - Large Scale

- OSE Water PODs
- Approximate Sombrero release origin
- Salt Water Injection, Active
- Oil, Active
- Oil, Plugged
- PLSS Second Division
- PLSS First Division

NewMexico Oil Conservation Division

NM OCD Oil and Gas Map. http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75: NewMexico Oil Conservation Division

NMOCD Surface Ownership



10/19/2024, 4:50:58 PM

1:9,028

0 0.07 0.15 0.3 mi

0 0.15 0.3 0.6 km

U.S. BLM, OCD, Maxar, BLM

Approximate Sombrero release origin

Oil, Active

Oil, Plugged

Salt Water Injection, Active

Mineral Ownership

A-All minerals are owned by U.S.

N-No minerals are owned by the U.S.

Land Ownership

BLM

P

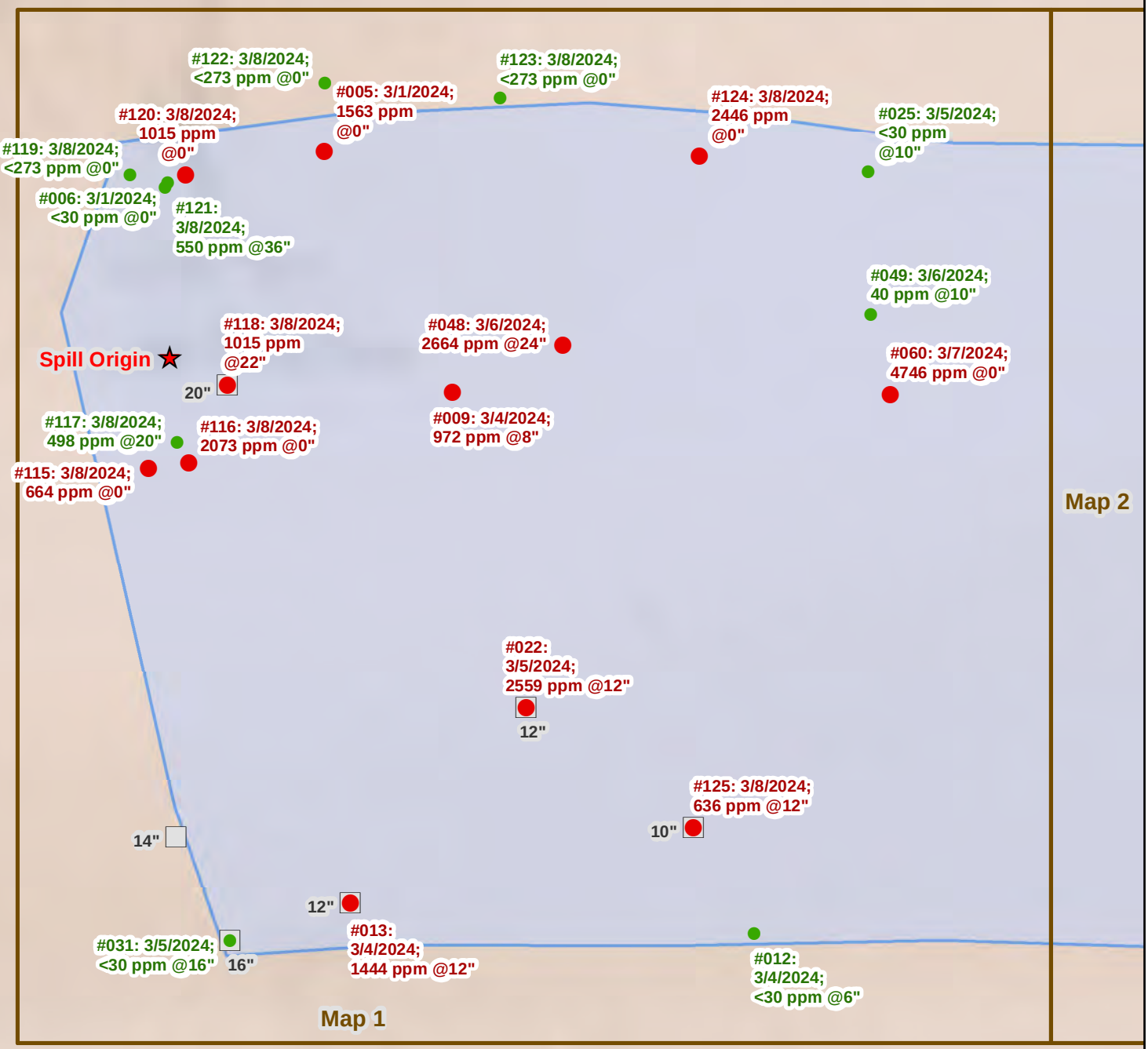
PLSS Second Division

PLSS First Division

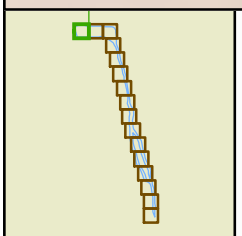
NewMexico Oil Conservation Division

NM OCD Oil and Gas Map. http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75: NewMexico Oil Conservation Division

Attachment 4 – Delineation Map Book and QuanTab Results



Copyright:(c) 2014 Esri, Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community





- Spill Origin
- Chloride < 600 ppm
- Chloride = > 600 ppm
- Known Depth of Top of Caliche Layer, Noted
- Mapped Flow Path
- Defined Spill Area
- Disturbance Area
- Sombrero Map Grid

Coordinate System: NAD 1983 State Plane NM East FIPS 3001, Feet
Basemap: BLM, ESRI, Pilot

N

Prepared for Pilot Water Solutions by EIS Environmental & Permitting
Geographic Information Services, 4/22/2024

Pilot Water Solutions

Sombrero Incident

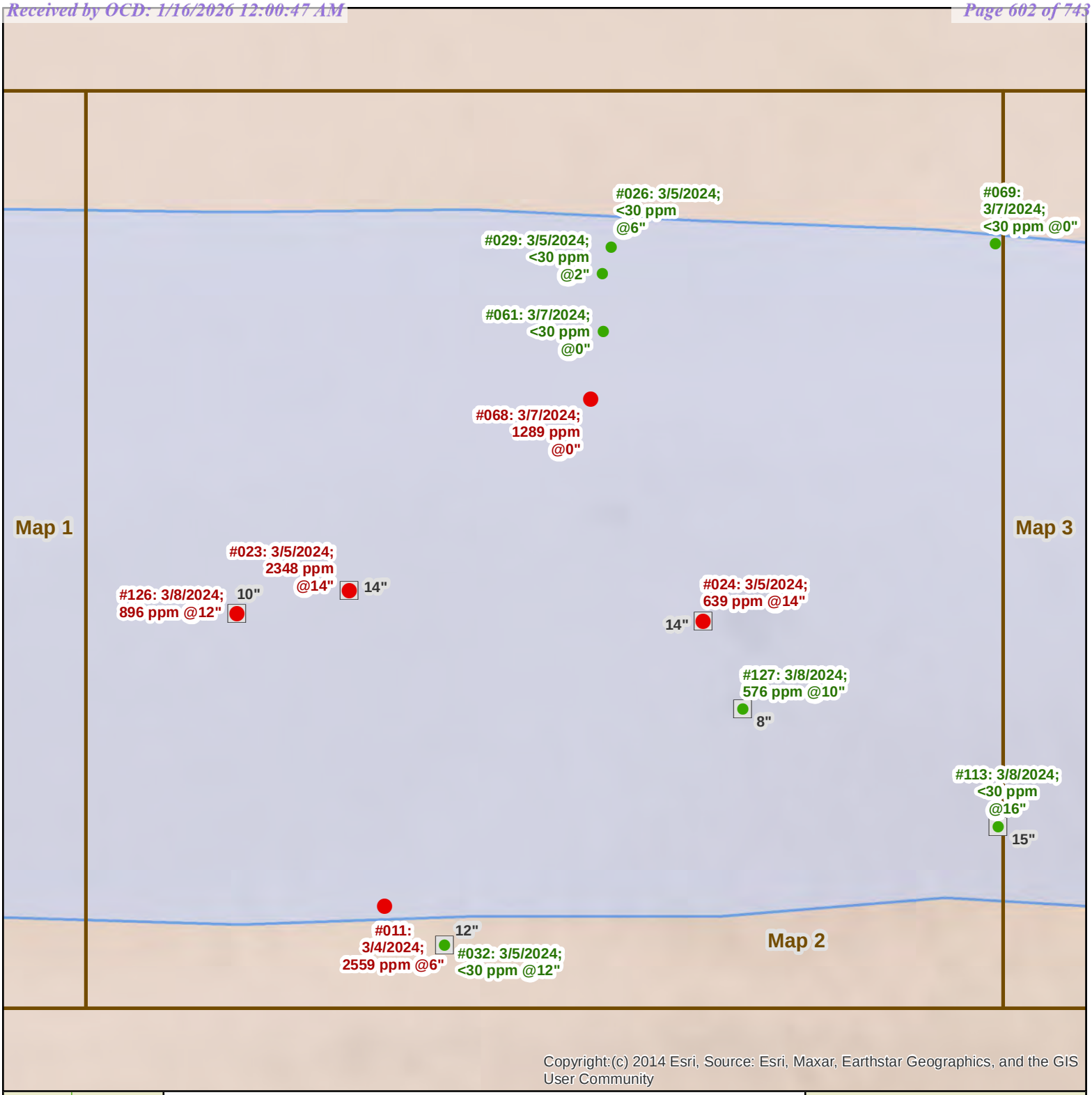
2024 Test Points
3/1, 3/4-3/9, 3/13-3/15
Page 1 of 16

~~ Location Information ~~
Tshp 24S, Rng 34E, Sections 13, 24
Lea County, NM

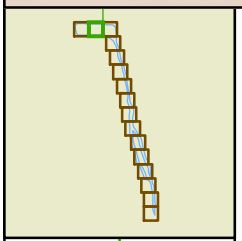
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1 inch = 12 feet *1:140*

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- Mapped Flow Path
- Defined Spill Area
- Disturbance Area
- Sombrero Map Grid

Coordinate System: NAD 1983 State Plane NM East FIPS 3001, Feet
Projection: TM 32 ESRI, Pilot

N

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Pilot Water Solutions

Sombrero Incident

2024 Test Points
3/1, 3/4-3/9, 3/13-3/15
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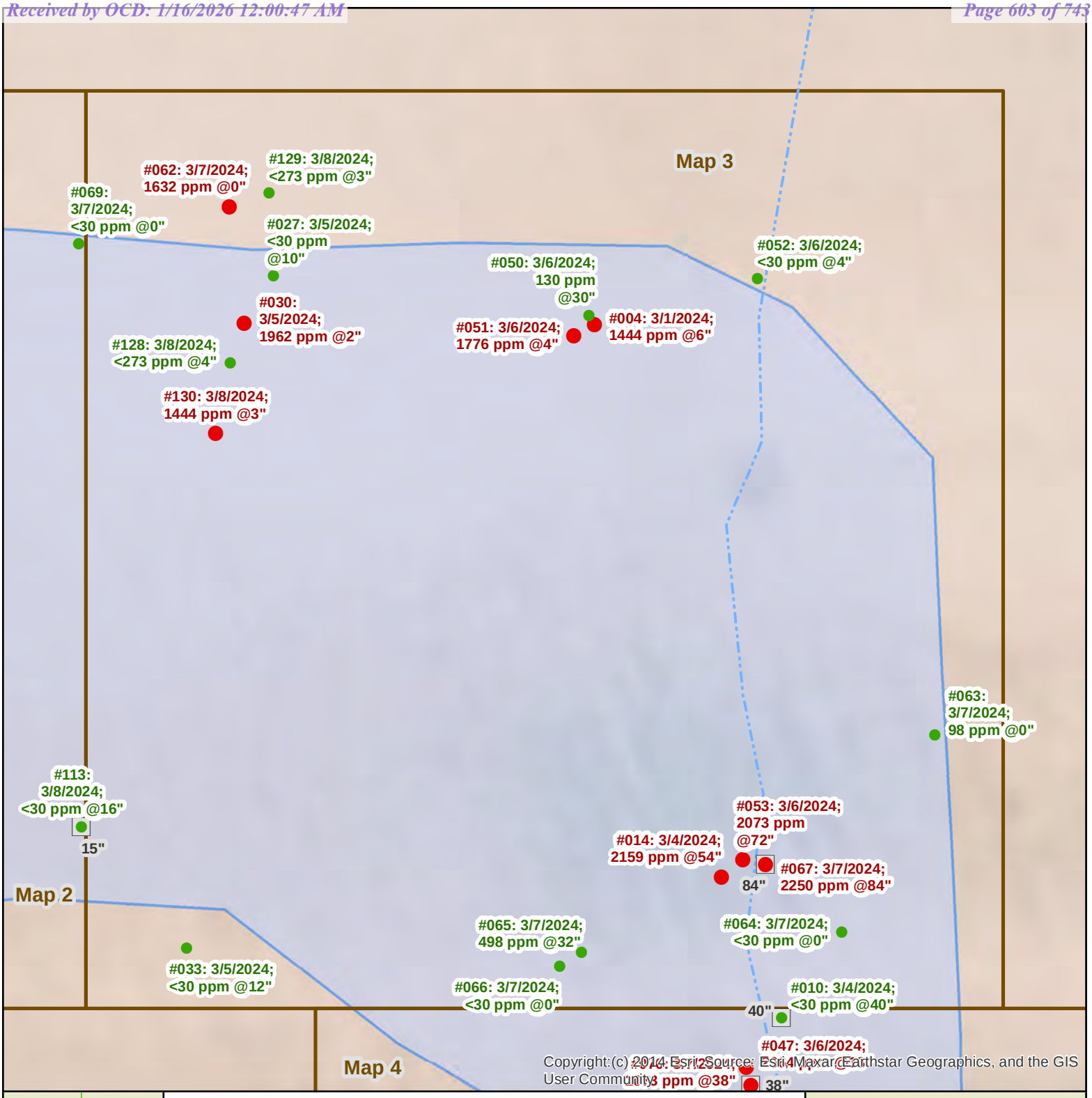
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Lea County, NM

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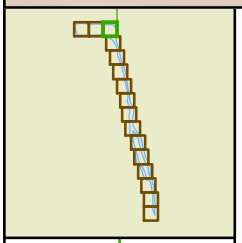
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2024 Test Points
3/1, 3/4-3/9, 3/13-3/15
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Tshp 24S, Rng 34E, Sections 13, 24
Lea County, NM

PILOT WATER SOLUTIONS

Coordinate System: NAD 1983 State Plane NM East FIPS 3001, Feet
USGS, BLM, ESRI, Pilot

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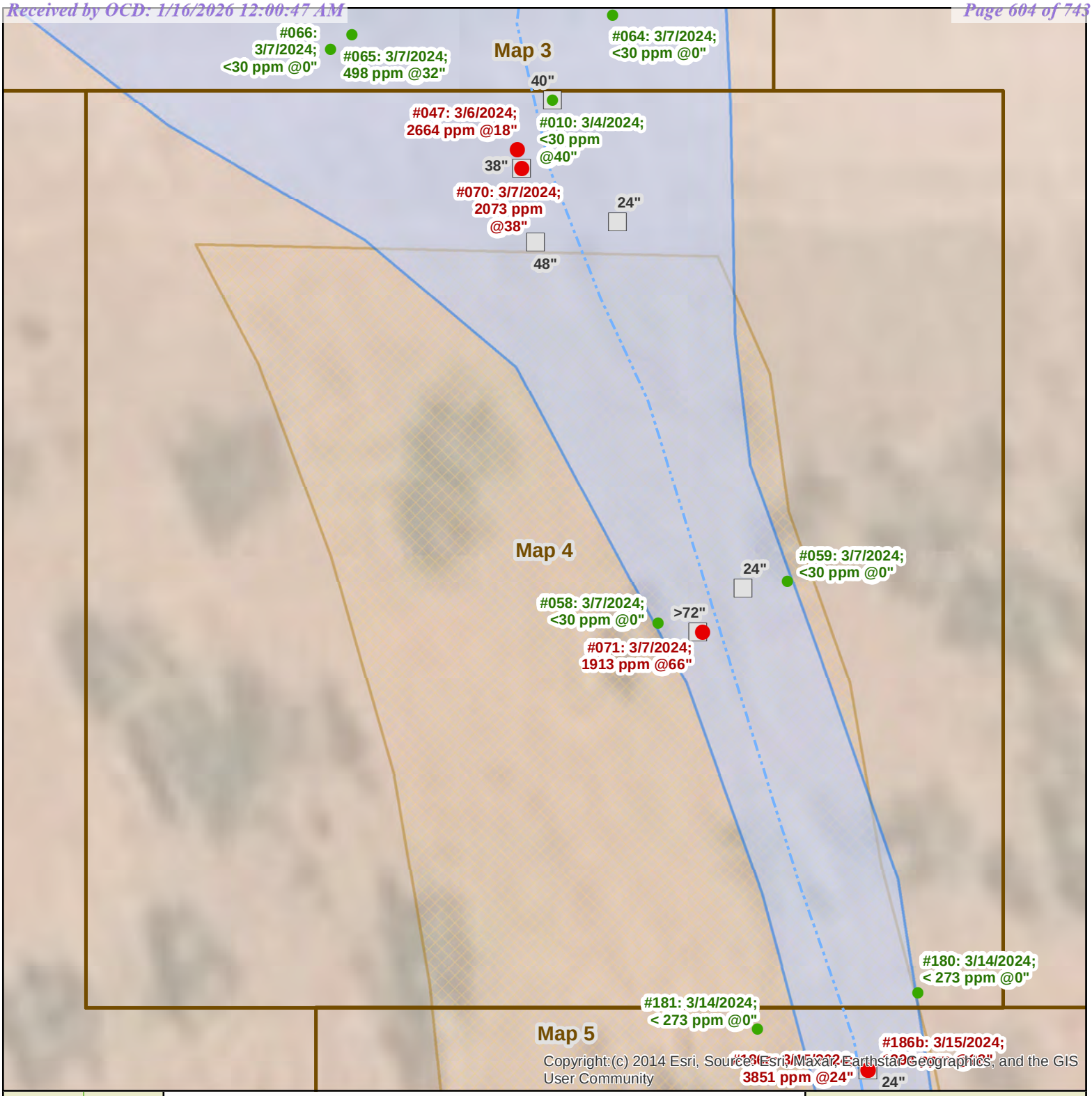
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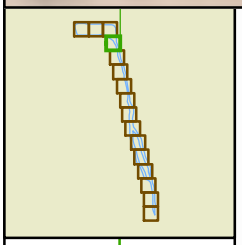
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Basemap: BLM, ESRI, Pilot

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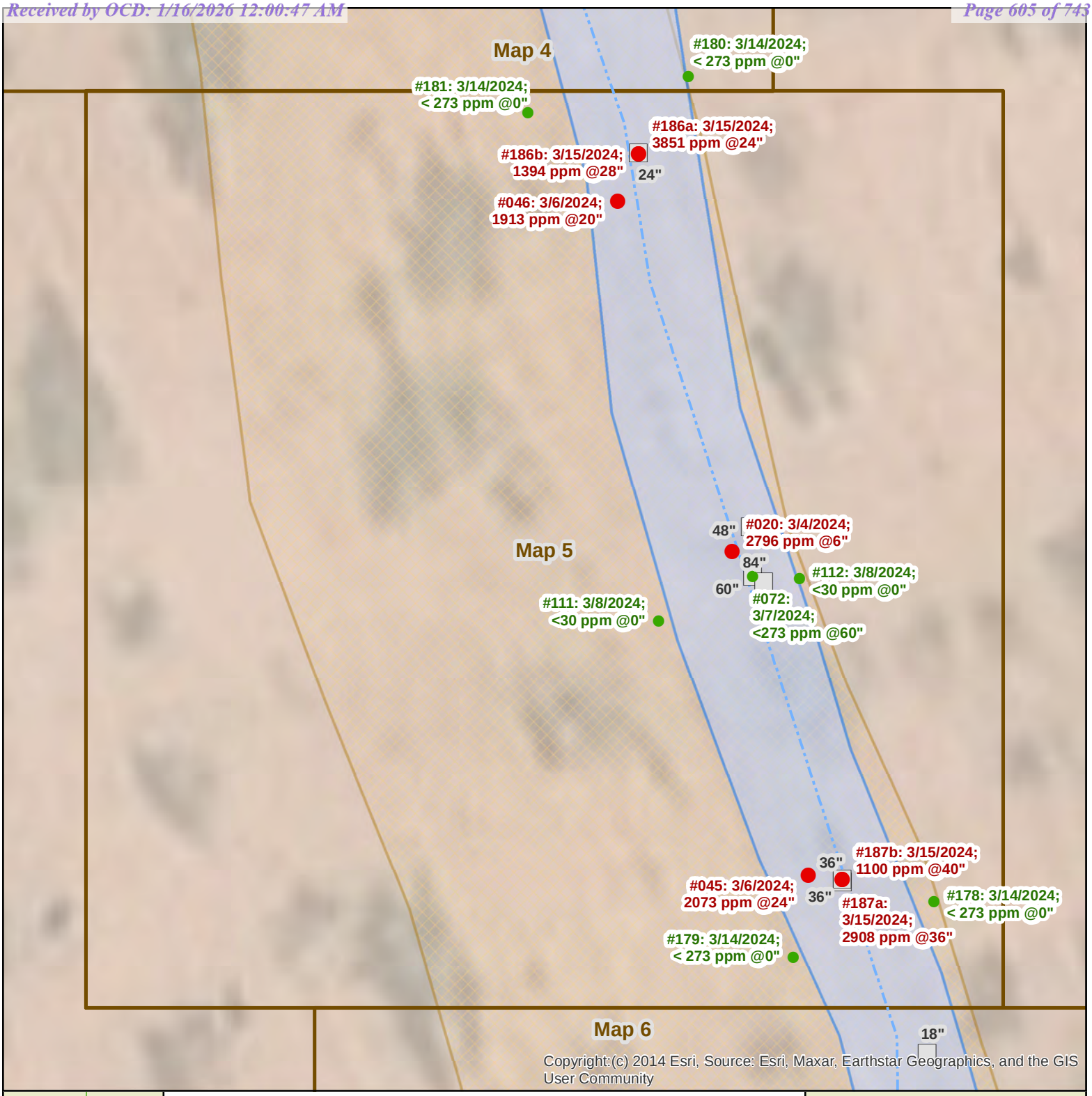
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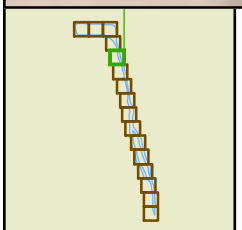
2024 Test Points
3/1, 3/4-3/9, 3/13-3/15
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USGS, BLM, TX, ESRI, Pilot

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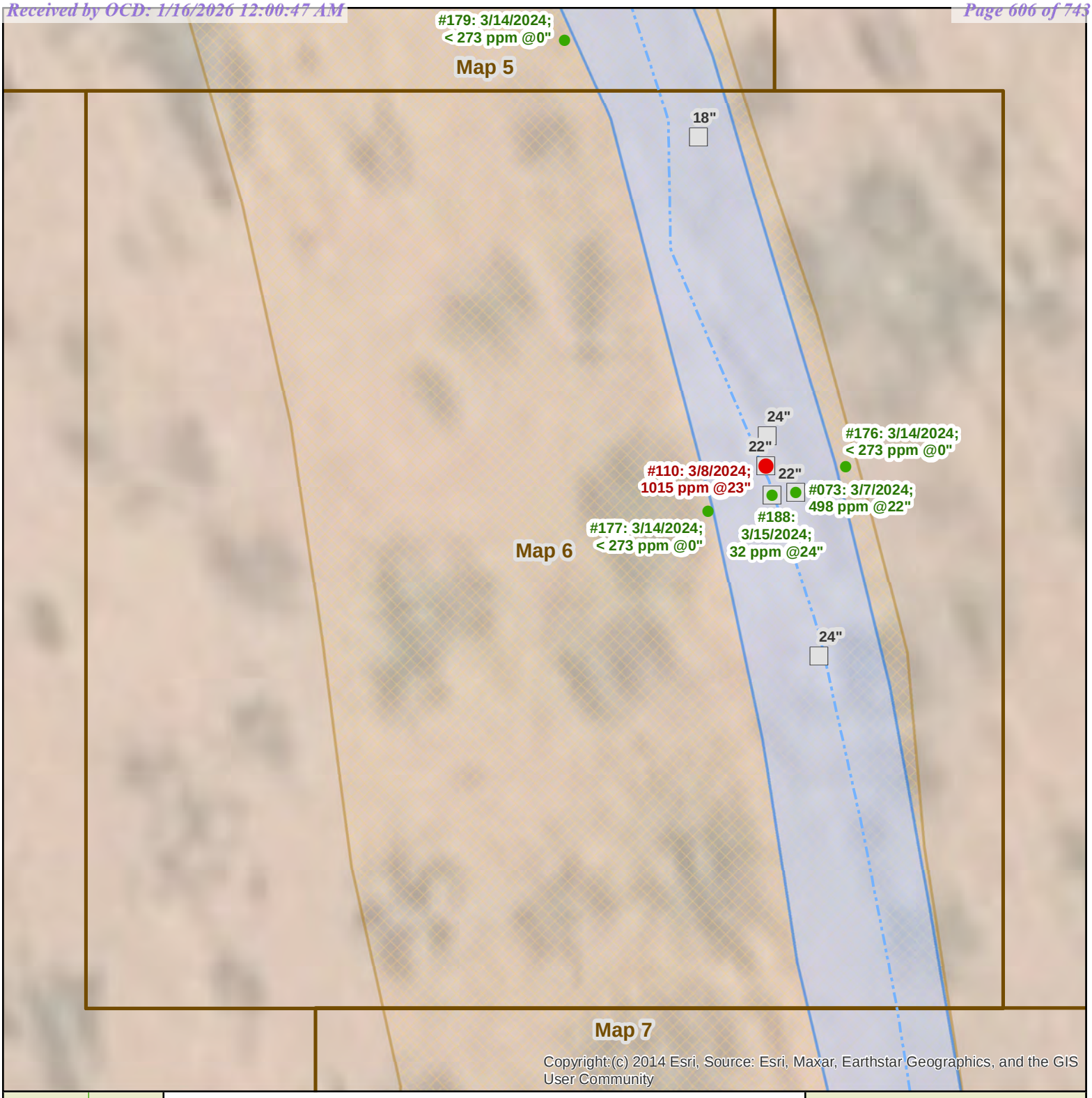
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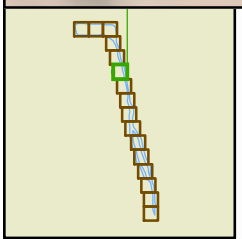
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PILOT WATER SOLUTIONS

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Basemap: BLM, ESRI, Pilot

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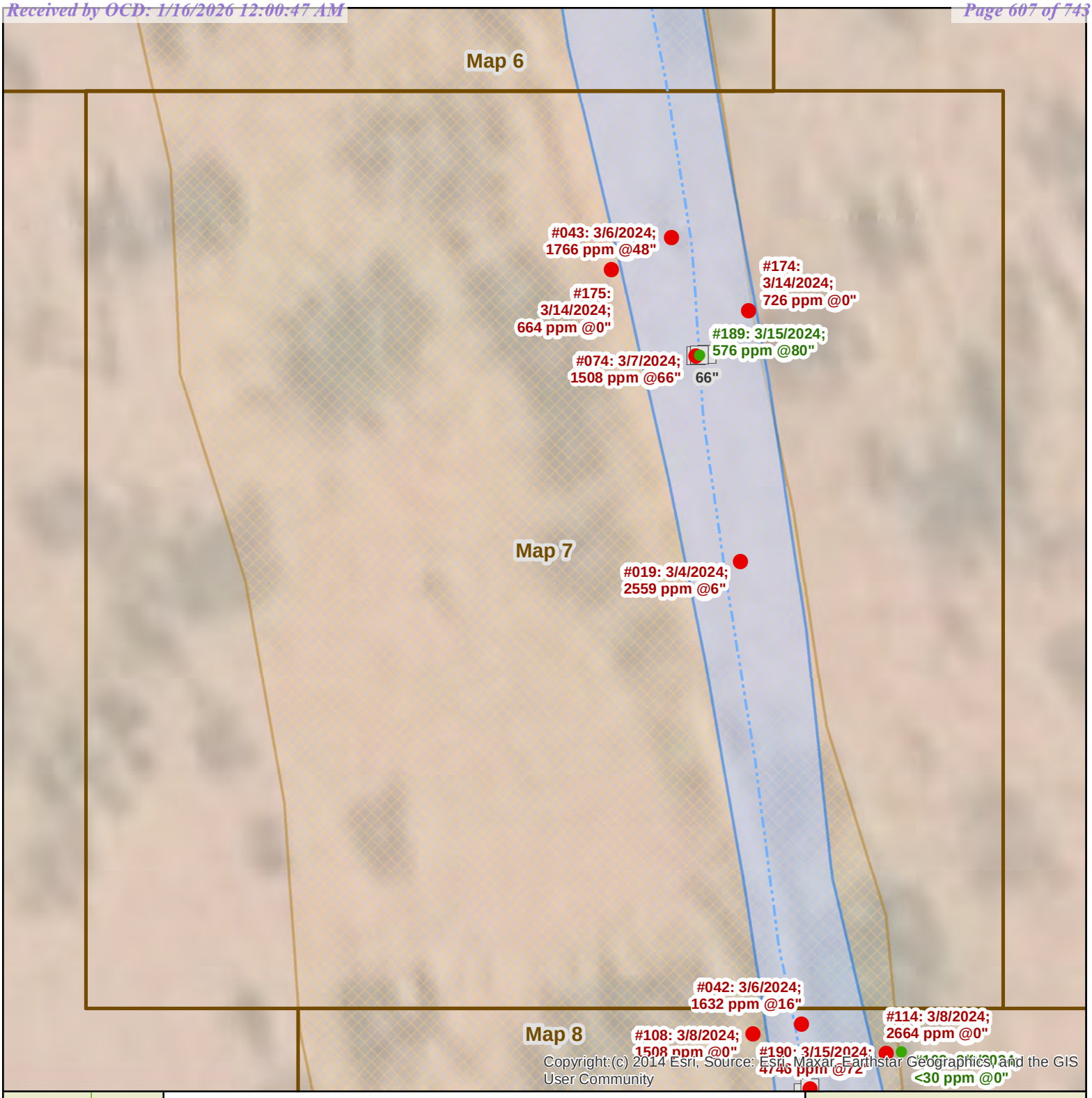
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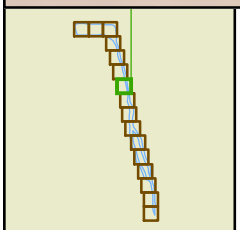
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PILOT WATER SOLUTIONS

Coordinate System: NAD 1983 State Plane NM East FIPS 3001, Feet
Basemap: BLM, ESRI, Pilot

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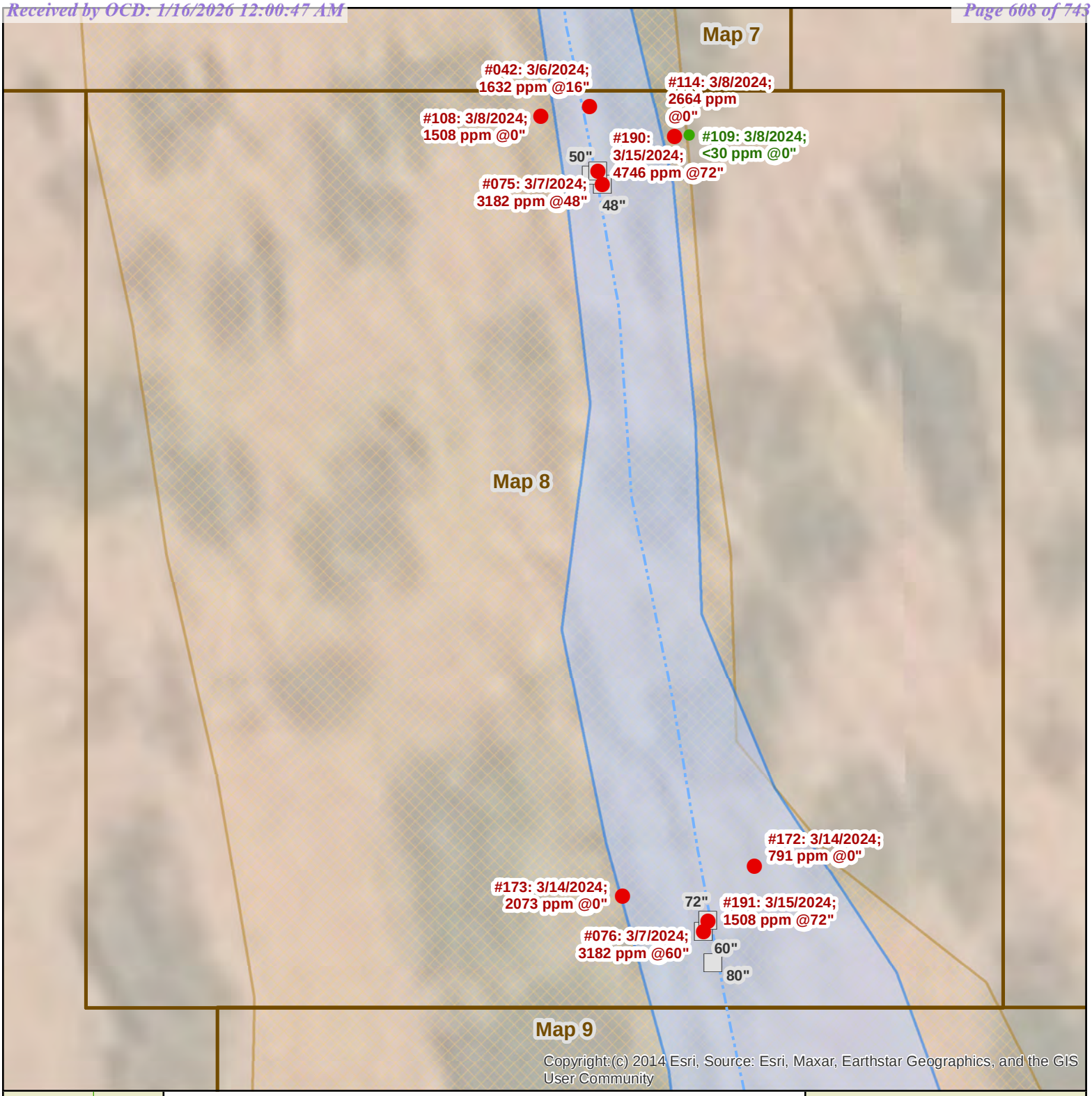
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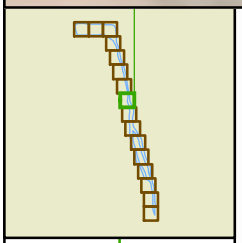
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Pilot Water Solutions

Sombrero Incident

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Lea County, NM

PILOT WATER SOLUTIONS SERVICES

Coordinate System: NAD 1983 State Plane NM East FIPS 3001, Feet
Basemap: ESRI, Pilot

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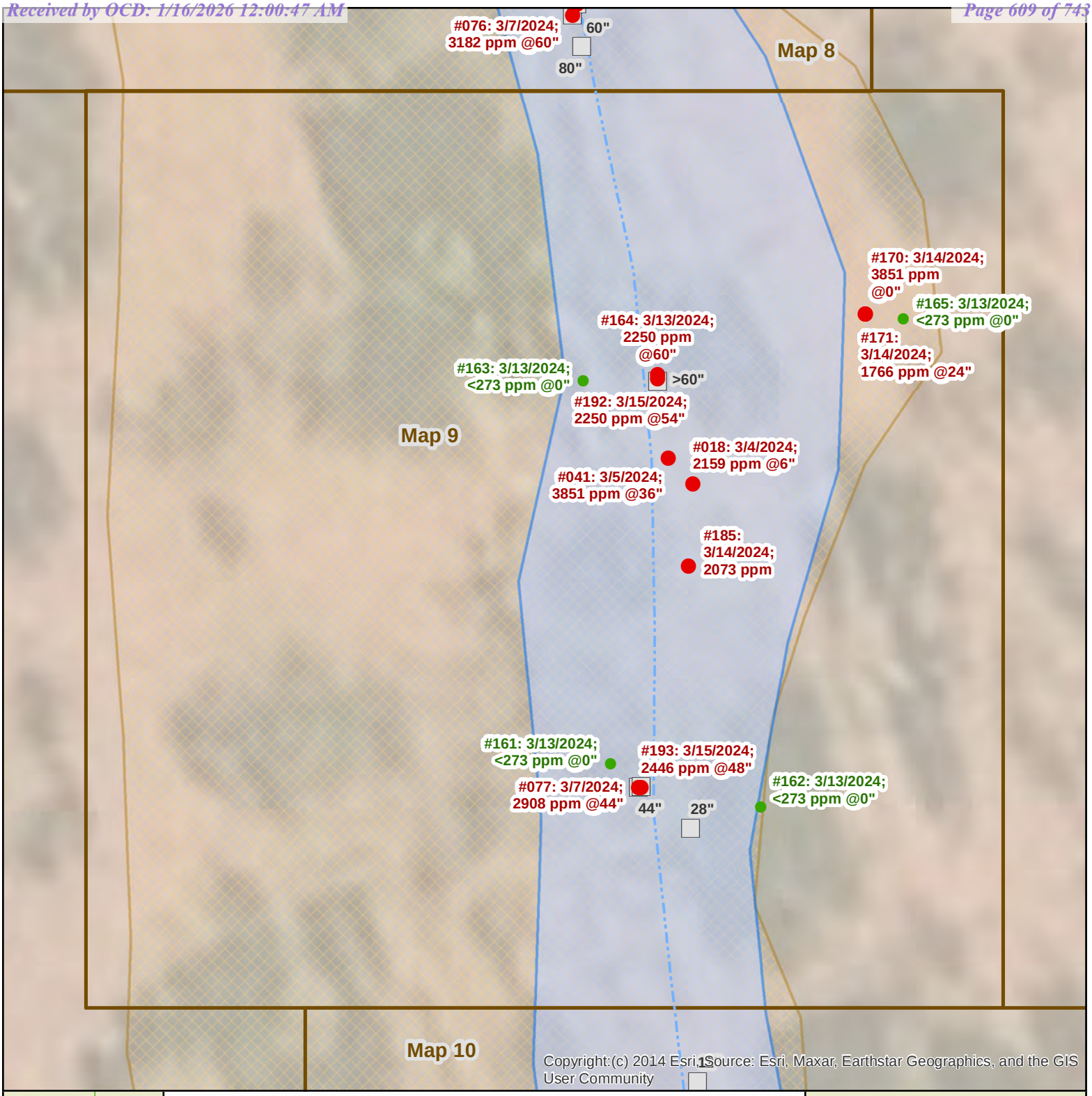
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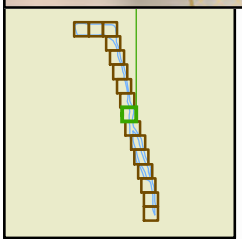
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Lea County, NM

PILOT WATER SOLUTIONS

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Esri, BLM, Esri, Pilot

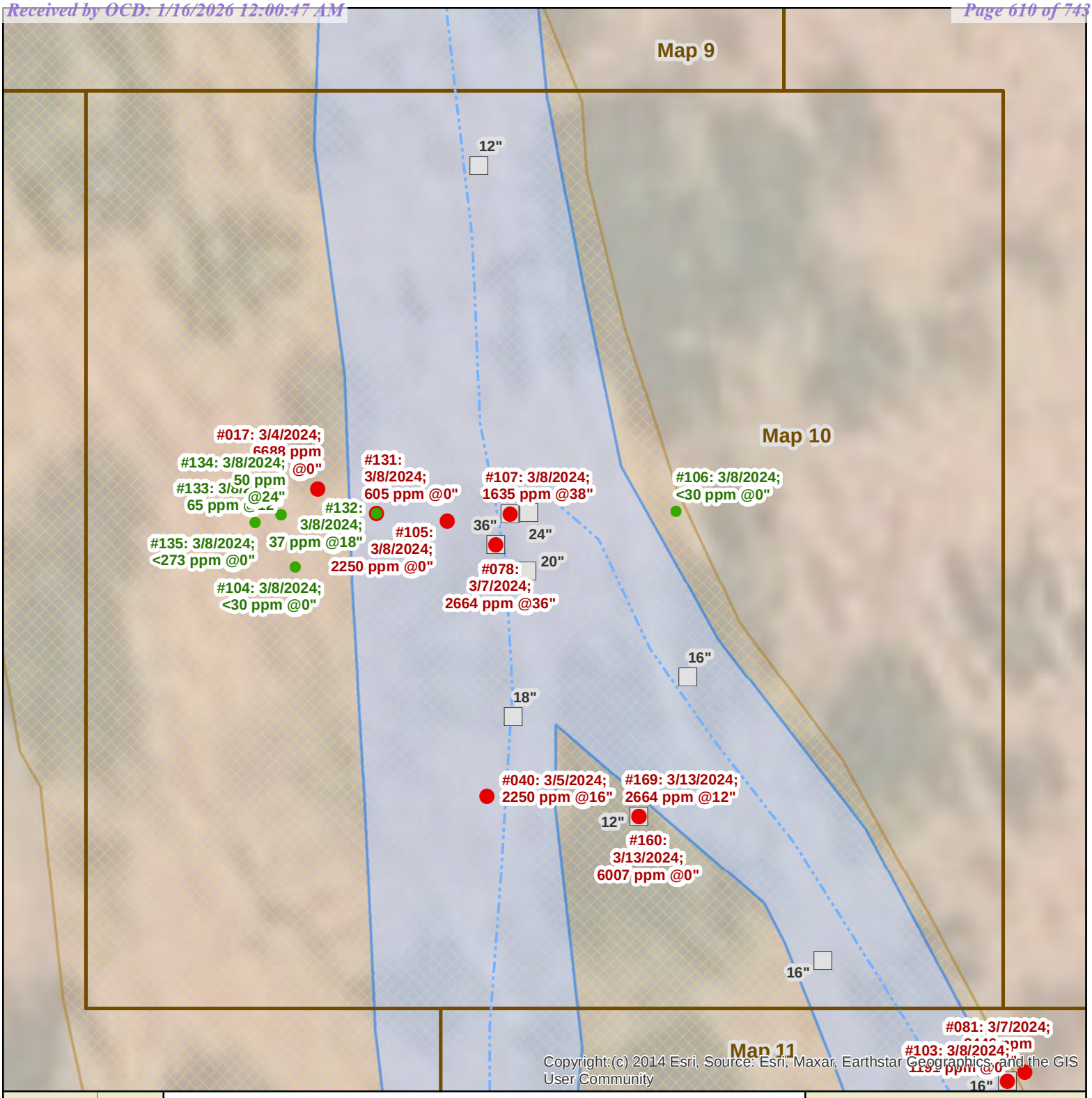
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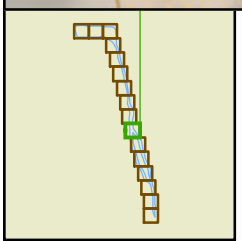
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Tshp 24S, Rng 34E, Sections 13, 24
Lea County, NM

Coordinate System: NAD 1983 State Plane NM East FIPS 3001, Feet
Source: BLM, ESRI, Pilot

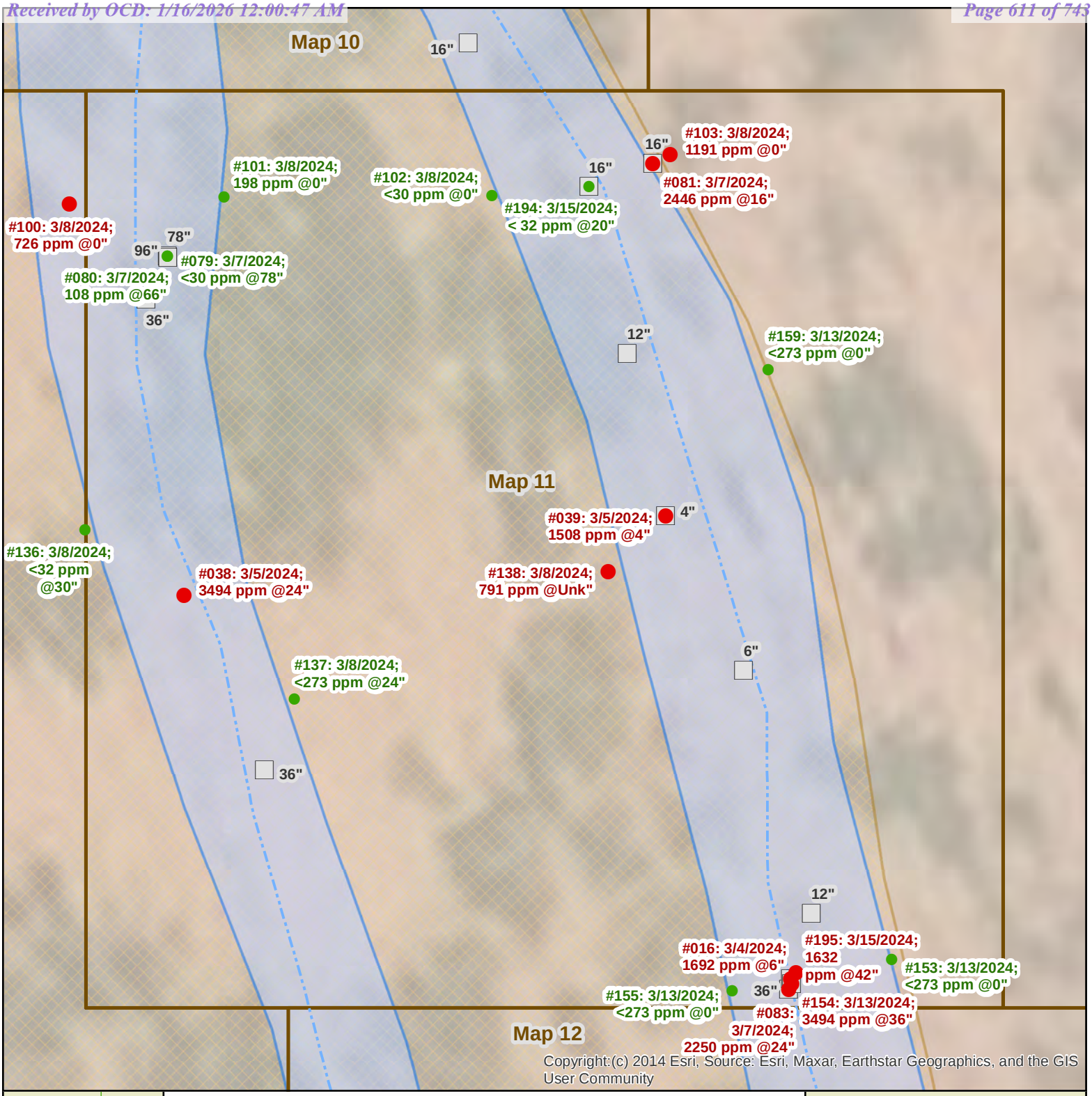
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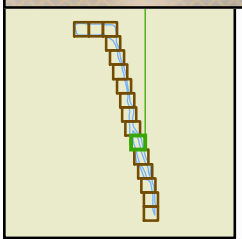
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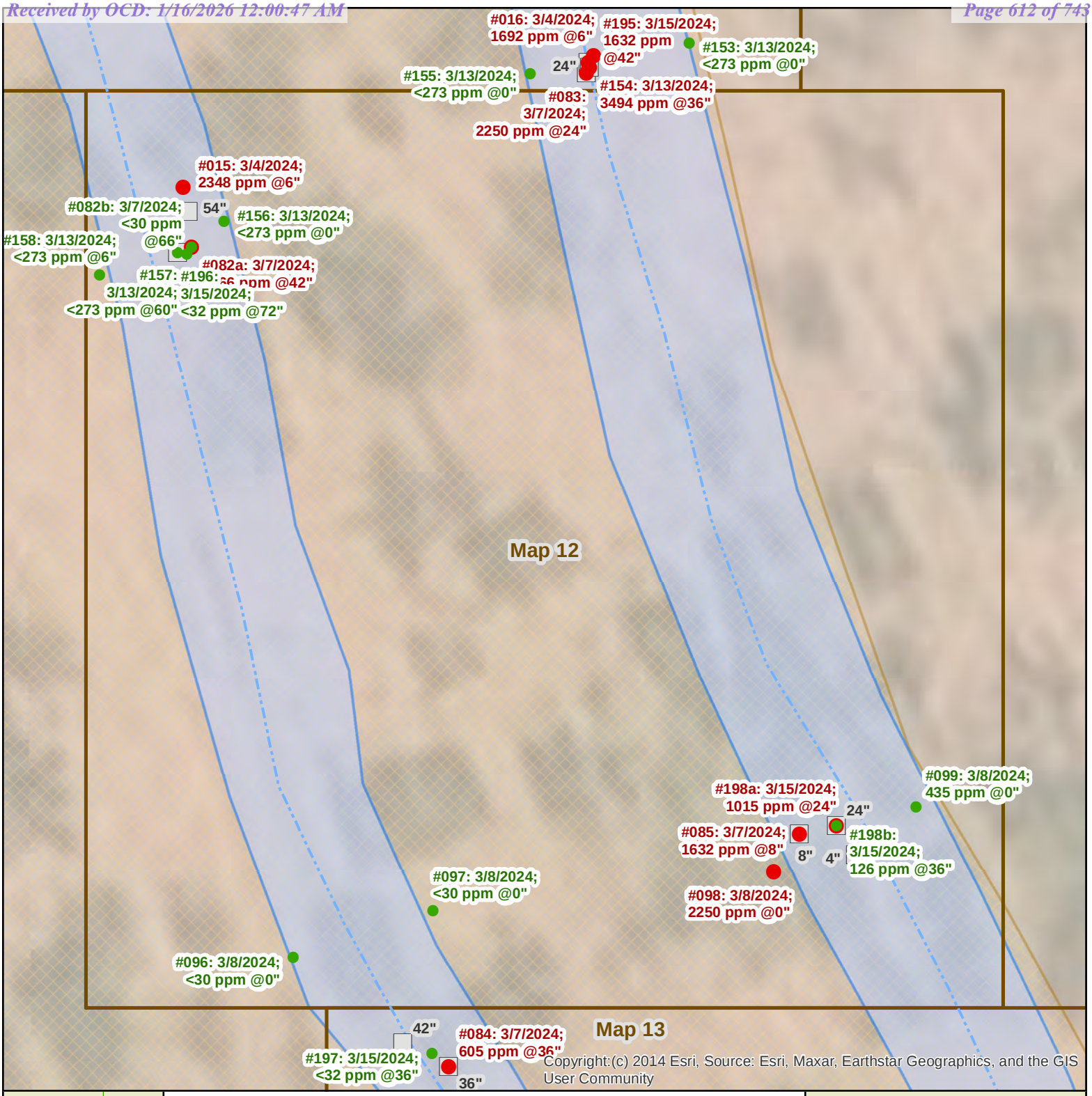
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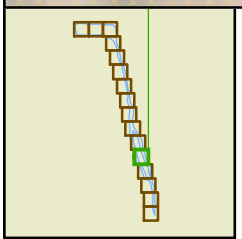
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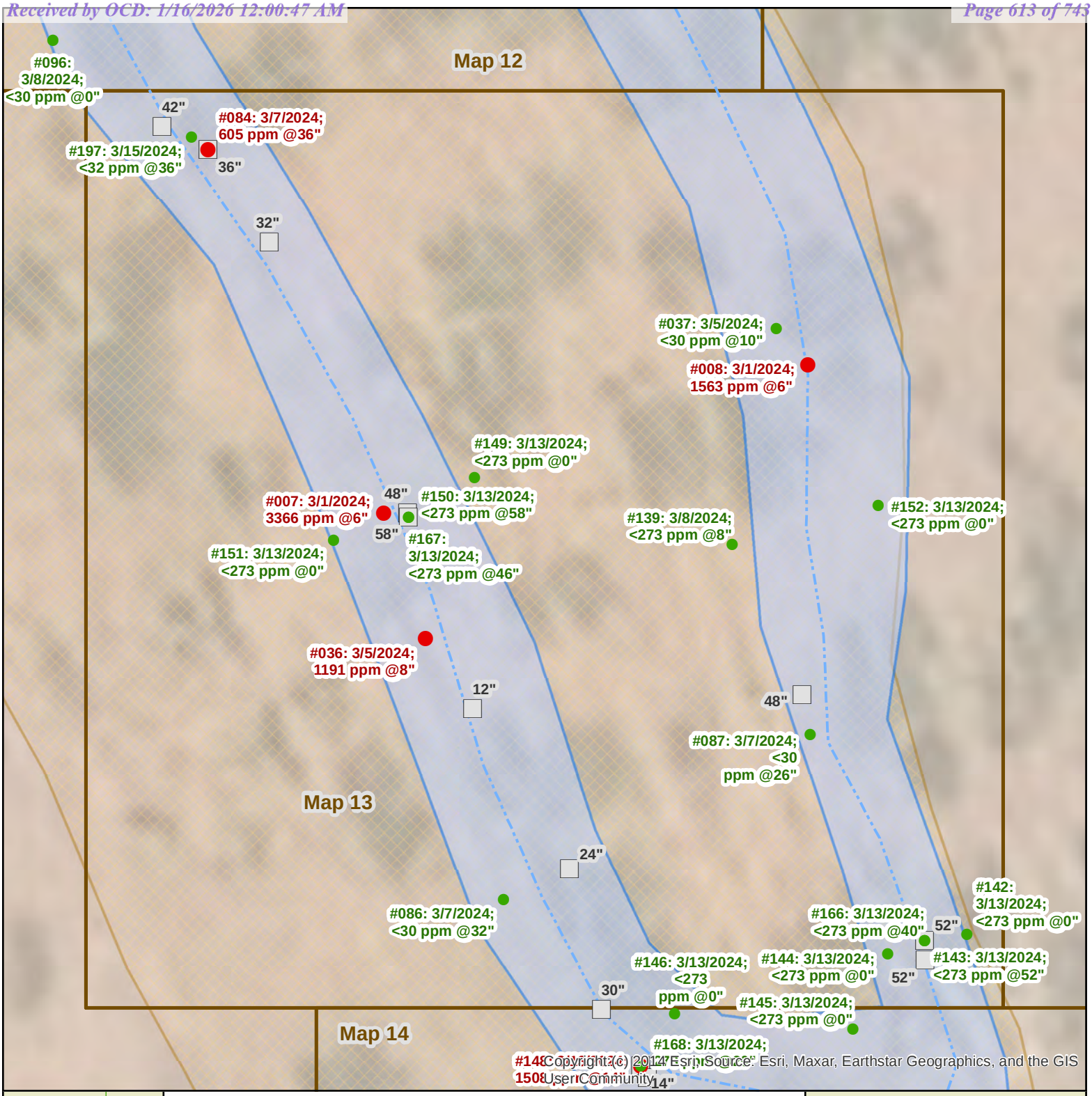
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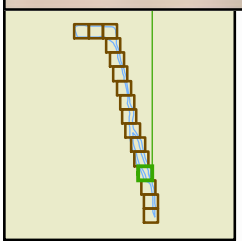
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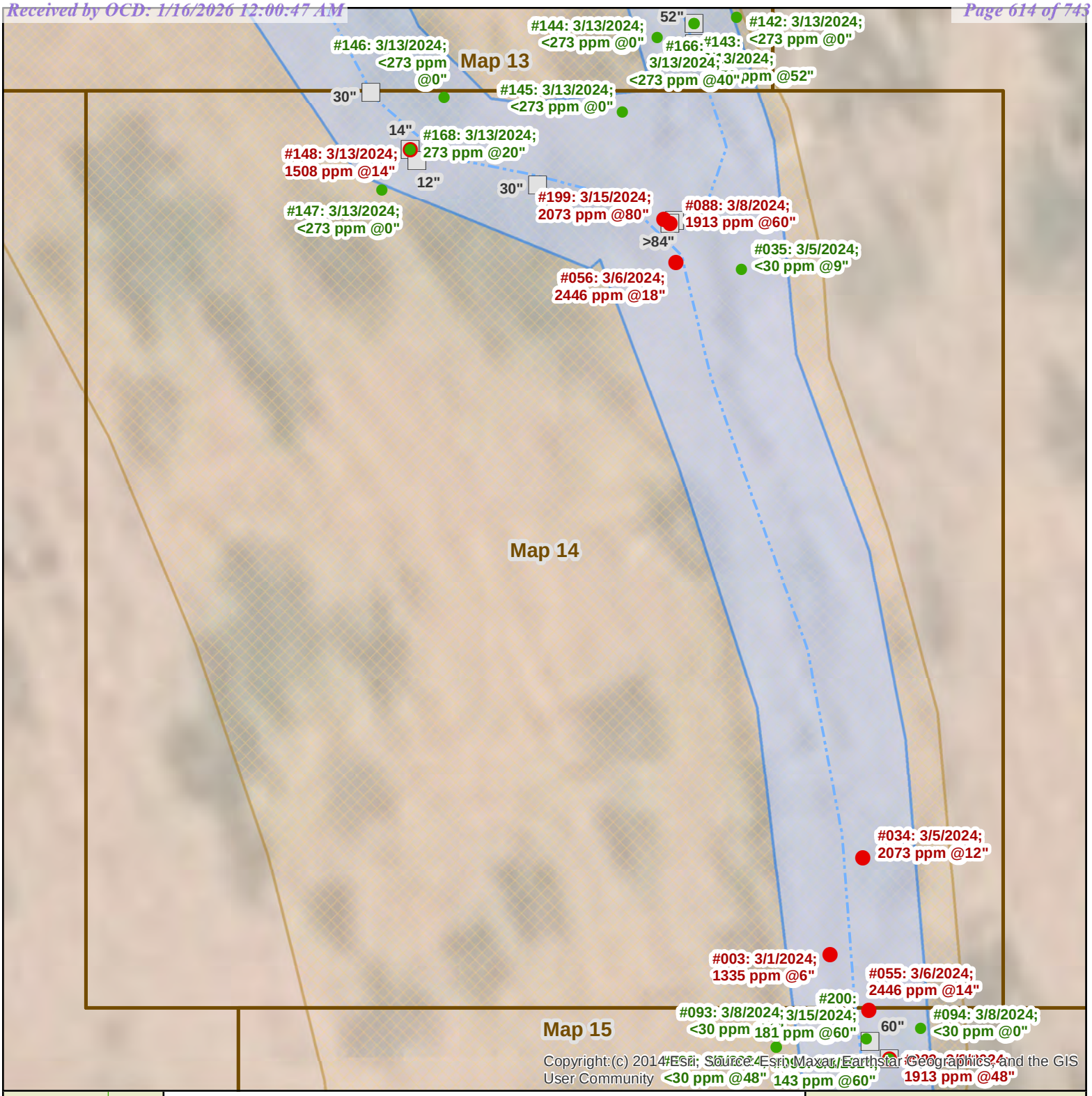
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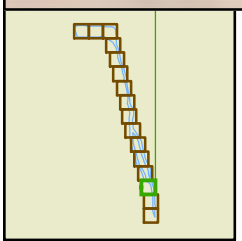
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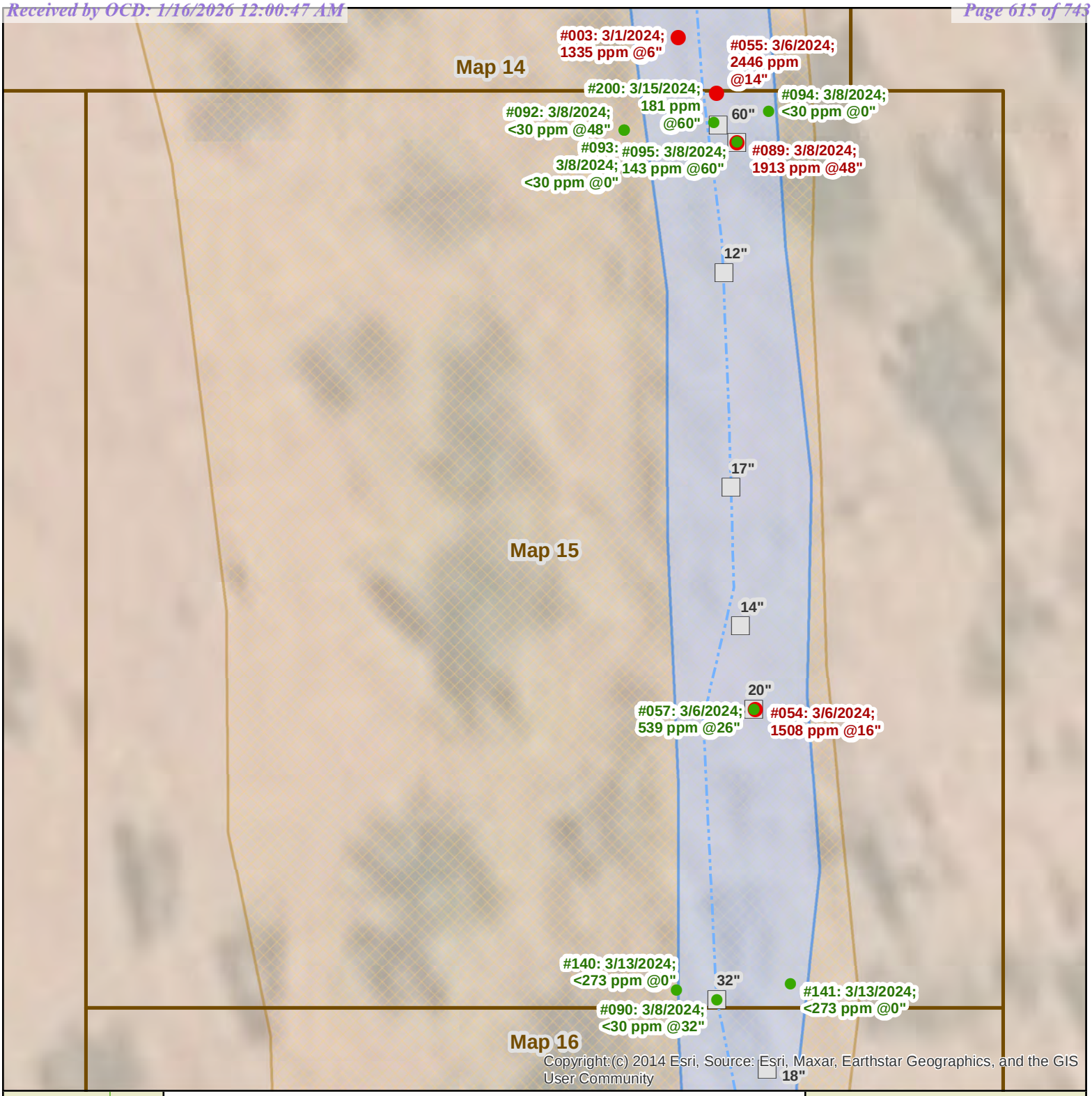
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PILOT WATER SOLUTIONS

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Source: BLM, ESRI, Pilot

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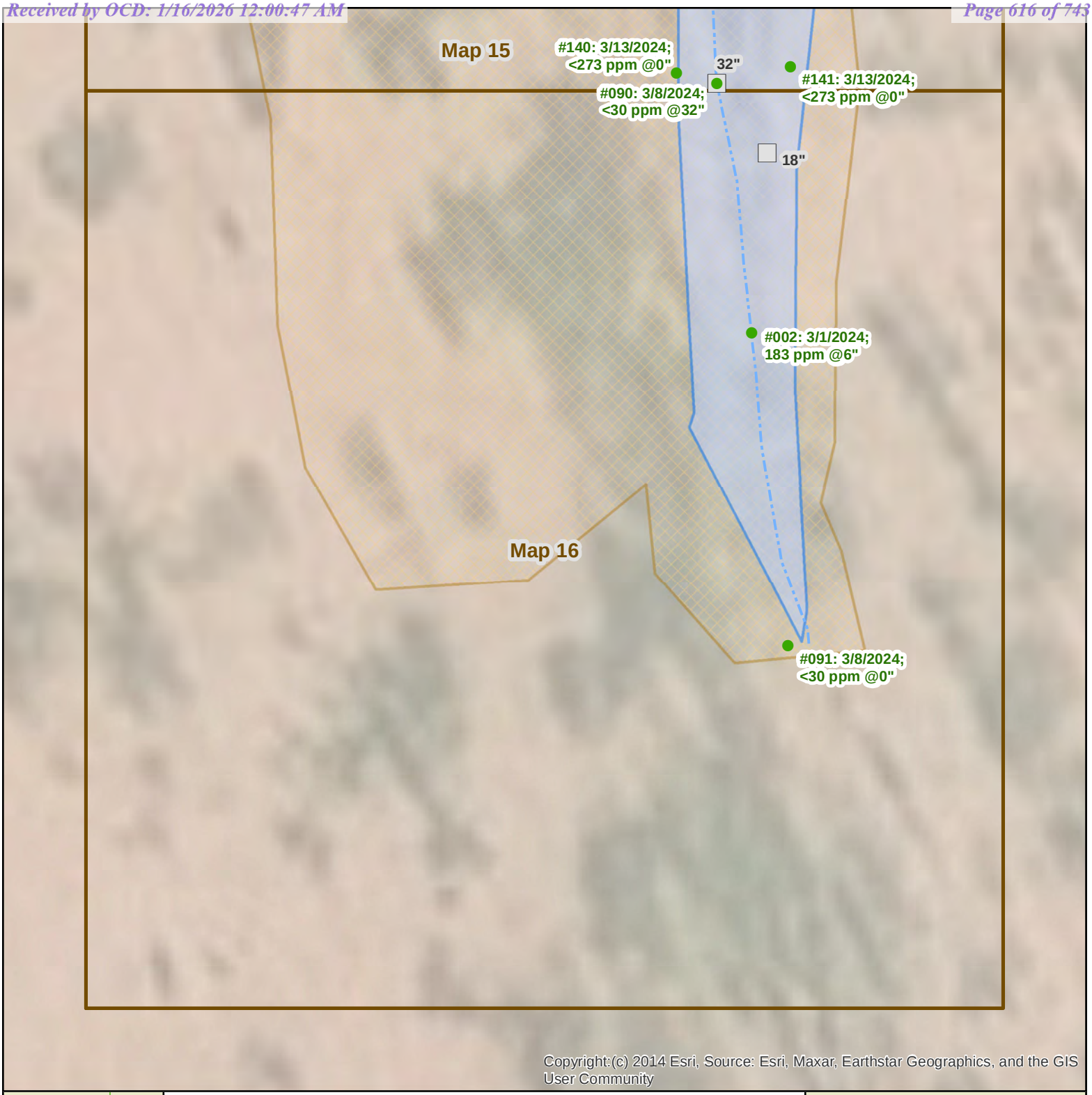
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USGS, BLM, ESRI, Pilot

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Chloride Field Testing Results

Well name: COG SOMBRERO Date: 3-1-2024

Legals: _____ Time: 12:40 P

Media Type: Circle one: (SOIL) / WATER

TEST #1

QUAN TAB
Chloride Test Strip Reading: HIGH RANGE N/A

Match reading above to Conversion value and record: _____

Multiply converted value by 4: N/A ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility) NO RESULTS CLOGGED - STRIP.

Print Name: RUSSELL HOUDEN. Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG. SOMBRERO INCIDENT Date: 3-1-2024

Legals: TEST #2 Time: 12:32 P.

Media Type: Circle one: (SOIL) / WATER

TEST #2

QUAN TAB
Chloride Test Strip Reading: HIGH RANGE 1.6 LOW RANGE 416

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 183 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT TEST-3 Date: 3-1-2024

Legals: _____ Time: 12:22 pm

Media Type: Circle one: (SOIL) / WATER TEST #3

HACH QUANTAB. HIGH RANGE.
Chloride Test Strip Reading: 5.6

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 1335 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-1-2024

Legals: _____ Time: 10:45 A

Media Type: Circle one: (SOIL) / WATER TEST #4

QUANTAB HIGH RANGE
Chloride Test Strip Reading: 5.8

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 1444 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-1-2024

Legals: _____ Time: 1:53 P

Media Type: Circle one: (SOIL) / WATER TEST #5

QUANTAB HR
Chloride Test Strip Reading: HIGH RANGE 6.0

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 1563 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-1-2024

Legals: _____ Time: 1:55

Media Type: Circle one: (SOIL) / WATER TEST #6

Chloride Test Strip Reading: 1.0 LOW RANGE

Match reading above to Conversion value and record: _____

Multiply converted value by 4: _____ ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility) NOT LISTED ON CHART.

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-1-2024

Legals: _____ Time: 3:20 P

Media Type: Circle one: (SOIL) / WATER

TEST #7

HACH QUANTAB
Chloride Test Strip Reading: HIGH RANGE 7.8

Match reading above to Conversion value and record:

Multiply converted value by 4: 3366 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-1-2024

Legals: _____ Time: 3:25 P

Media Type: Circle one: (SOIL) / WATER

TEST #8

HACH QUANTAB
Chloride Test Strip Reading: HIGH RANGE 60

Match reading above to Conversion value and record:

Multiply converted value by 4: 1563 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-4-2024

Legals: _____ Time: 8:00A

Media Type: Circle one: (SOIL) / WATER TEST # 9

QUANTAB
Chloride Test Strip Reading: HIGH RANGE 4.8

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 972 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOSDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-4-2024

Legals: _____ Time: ~~9:00A~~ 10:15A

Media Type: Circle one: (SOIL) / WATER TEST # 10

QUANTAB
Chloride Test Strip Reading: 0.4 LOW RANGE

Match reading above to Conversion value and record: _____

Multiply converted value by 4: _____ ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility) BELOW CHART LEVELS

Print Name: _____ Job title: _____

Signature: _____

APPROX 3' 4" BELOW GRADE @ CALICHE.

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-4-2024

Legals: _____ Time: 11:00 A

Media Type: Circle one: (SOIL) / WATER TEST #11

QUANTAB.

Chloride Test Strip Reading: MED. RANGE 7.2

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 2559 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HAYDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-4-2024

Legals: _____ Time: 11:00 A

Media Type: Circle one: (SOIL) / WATER

Chloride Test Strip Reading: 0.6 LOW RANGE

Match reading above to Conversion value and record: _____

Multiply converted value by 4: _____ ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility) NOT ON CHART

Print Name: RUSSELL HAYDEN. Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-4-2024

Legals:

Time: 11:45

Media Type: Circle one: (SOIL) / WATER

TEST #13

Chloride Test Strip Reading: HIGH RANGE 5-8

Match reading above to Conversion value and record:

Multiply converted value by 4: 1444 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEK

Job title:

Signature:

@CALICHE, APPROX 1 FOOT DEEP.

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-4-2024

Legals:

Time: 1:00 P

Media Type: Circle one: (SOIL) / WATER

TEST #14

Chloride Test Strip Reading: HIGH RANGE. 6.8

Match reading above to Conversion value and record:

Multiply converted value by 4: 2159 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEK

Job title:

Signature:

APPROX 4-6" BELOW GRADE.

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT. Date: 3-4-2024

Legals: _____ Time: 3:45 P

Media Type: Circle one: (SOIL) / WATER TEST #15

Chloride Test Strip Reading: HIGH RANGE 7.0

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 2348 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HAYDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-4-2024

Legals: _____ Time: 3:45 P.

Media Type: Circle one: (SOIL) / WATER TEST #16

Chloride Test Strip Reading: HIGH RANGE 6.2

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 1692 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HAYDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-4-2024

Legals: Time: 4:10 p

Media Type: Circle one: (SOIL) / WATER TEST #17

Chloride Test Strip Reading: HIGH RANGE 9.0

Match reading above to Conversion value and record:

Multiply converted value by 4: 6688 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HODEN Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-4-2024

Legals: Time: 4:10 p

Media Type: Circle one: (SOIL) / WATER TEST #18

Chloride Test Strip Reading: HIGH RANGE 6.8

Match reading above to Conversion value and record:

Multiply converted value by 4: 2159 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HODEN. Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO WC10DWT Date: 3-4-2024

Legals: Time: 4:30

Media Type: Circle one: (SOIL) / WATER TEST #19

Chloride Test Strip Reading: HIGH RANGE 7.2

Match reading above to Conversion value and record:

Multiply converted value by 4: 2559 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-4-2024

Legals: Time: 4:30

Media Type: Circle one: (SOIL) / WATER TEST #20

Chloride Test Strip Reading: HIGH RANGE 7.4

Match reading above to Conversion value and record:

Multiply converted value by 4: 2796 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN. Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-5-2024

Legals: _____ Time: 10:45 A

Media Type: Circle one: (SOIL) / WATER

TEST #21
14" DEEP @ CALICHE

Chloride Test Strip Reading: HIGH RANGE NO READING

Match reading above to Conversion value and record: [ ]

Multiply converted value by 4: [ ] ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-5-2024

Legals: _____ Time: 10:45 A

Media Type: Circle one: (SOIL) / WATER

TEST #22
12" DEEP @ CALICHE

Chloride Test Strip Reading: HIGH RANGE [7.2]

Match reading above to Conversion value and record: [ ]

Multiply converted value by 4: [2559] ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-5-2024

Legals: _____ Time: 10:45 A

Media Type: Circle one: (SOIL) / WATER

TEST # 23
14" DEEP @ CALICHE

Chloride Test Strip Reading: HIGH RANGE 7.0

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 2348 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HALDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-5-2024

Legals: _____ Time: 10:45 A

Media Type: Circle one: (SOIL) / WATER

TEST # 24
14" DEEP @ CALICHE

Chloride Test Strip Reading: HIGH RANGE 3.8

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 639 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HALDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-5-2024

Legals: _____

Time: 11:45 A.

TEST #25
10" DEEP

Media Type: Circle one: (SOIL) / WATER

Chloride Test Strip Reading: HIGH RANGE 0.0 / 0.4 LOW RANGE

Match reading above to Conversion value and record: _____

Multiply converted value by 4: NOT CHARTED ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HONDEN

Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-5-2024

Legals: _____

Time: 11:45A

TEST #26
6" DEEP

Media Type: Circle one: (SOIL) / WATER

Chloride Test Strip Reading: HIGH RANGE 0.0 / 0.2 LOW RANGE

Match reading above to Conversion value and record: _____

Multiply converted value by 4: NOT CHARTED ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HONDEN

Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-5-2024

Legals: _____ Time: 11:45 A

Media Type: Circle one: ~~SOIL~~ / WATER

TEST # 27
10" DEEP.

Chloride Test Strip Reading: HIGH RANGE 0.0 / 1.2 LOW RANGE

Match reading above to Conversion value and record:

Multiply converted value by 4: NOT CHARTED ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOLDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-5-2024

Legals: _____ Time: 1:00p

Media Type: Circle one: SOIL / WATER

TEST # 28
6" DOWN

Chloride Test Strip Reading: HIGH RANGE NO READING

Match reading above to Conversion value and record:

Multiply converted value by 4: ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOLDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-5-2024

Legals: _____ Time: 1:00 PM

Media Type: Circle one: (SOIL) / WATER

TEST # 29
2" DOWN

Chloride Test Strip Reading: HIGH RANGE 0.5 / 0.8 LOW RANGE

Match reading above to Conversion value and record:

Multiply converted value by 4: NOT CHARTED. ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOLDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-5-2024

Legals: _____ Time: 1:00 PM

Media Type: Circle one: (SOIL) / WATER

TEST # 30
2" DOWN

Chloride Test Strip Reading: HIGH RANGE 6.2

Match reading above to Conversion value and record:

Multiply converted value by 4: 1962 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOLDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: Coq Sombrero

Date: @ 3-5-2024

Legals:

Time: 2:15p

Media Type: Circle one: (SOIL) / WATER

TEST # 31

16" DOWN @ CALICHE

Chloride Test Strip Reading: HIGH RANGE 0.0 / 0.2 LOW RANGE

Match reading above to Conversion value and record:

Multiply converted value by 4: NOT CHARTED ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: Russell Houden

Job title:

Signature:

Chloride Field Testing Results

Well name: Coq Sombrero

Date: 3-5-2024

Legals:

Time: 2:15p

Media Type: Circle one: (SOIL) / WATER

TEST # 32

12" DOWN @ CALICHE

Chloride Test Strip Reading: HIGH RANGE 0.0 / 0.2 LOW RANGE

Match reading above to Conversion value and record:

Multiply converted value by 4: NOT CHARTED ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: Russell Houden

Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO

Date: 3-5-2024

Legals:

Time: 2:15 p

Media Type: Circle one: (SOIL) / WATER

TEST # 33
12" DOWN

Chloride Test Strip Reading: HIGH RANGE 0.0 / 0.4 LOW RANGE

Match reading above to Conversion value and record:

Multiply converted value by 4: NOT CHARTED ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUSER

Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-5-2024

Legals:

Time: 3:30 p.

Media Type: Circle one: (SOIL) / WATER

TEST # 34
12" DOWN

Chloride Test Strip Reading: HIGH RANGE 6.6

Match reading above to Conversion value and record:

Multiply converted value by 4: 2073 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUSER

Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-5-2024

Legals:

Time: 3:30 p

Media Type: Circle one: (SOIL) / WATER

TEST # 35
9" Down

Chloride Test Strip Reading: HIGH RANGE 0.0 / 0.0 LOW RANGE

Match reading above to Conversion value and record:

Multiply converted value by 4: — ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN

Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-5-2024

Legals:

Time: 3:30 p

Media Type: Circle one: (SOIL) / WATER

TEST # 36
8" Down

Chloride Test Strip Reading: HIGH RANGE 5.2

Match reading above to Conversion value and record:

Multiply converted value by 4: 1191 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN

Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-5-2024

Legals: _____ Time: 3:30 p

Media Type: Circle one: (SOIL) / WATER

TEST # 37
10" DOWN

Chloride Test Strip Reading: HIGH RANGE 0.0

Match reading above to Conversion value and record: _____

Multiply converted value by 4: _____ ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HAYDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-5-2024

Legals: _____ Time: 4:20 p

Media Type: Circle one: (SOIL) / WATER

TEST 38
24" DOWN

Chloride Test Strip Reading: HIGH RANGE 7.8

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 3494 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HAYDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-5-2024

Legals:

Time: 4:20 P

TEST #38

4" DOWN - CARRIAGE

Media Type:

Circle one: SOIL / WATER

Chloride Test Strip Reading: HIGH RANGE 58

Match reading above to Conversion value and record:

Multiply converted value by 4: 1508 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSS HOUDEN

Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-5-2024

Legals:

Time: 4:20 P

TEST # 40

16" DOWN

Media Type:

Circle one: SOIL / WATER

Chloride Test Strip Reading: HIGH RANGE 6.8

Match reading above to Conversion value and record:

Multiply converted value by 4: 2250 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN

Job title:

Signature:

Chloride Field Testing Results

Well name: CoG Sombrero Incident

Date: 3-5-2024

Legals:

Time: 4:30

Media Type:

Circle one: SOIL / WATER

Test #41
36" Down.

Chloride Test Strip Reading: High Range 8.0

Match reading above to Conversion value and record:

Multiply converted value by 4: 3851 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: Russell Hovden

Job title:

Signature:

Chloride Field Testing Results

Well name:

Date:

Legals:

Time:

Media Type:

Circle one: SOIL / WATER

Chloride Test Strip Reading:

Match reading above to Conversion value and record:

Multiply converted value by 4: ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name:

Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-6-2024

Legals:

Time: 8:50 A

Media Type:

Circle one: (SOIL) / WATER

TEST # 42
16" DOWN

Chloride Test Strip Reading:

HIGH RANGE 6.0

Match reading above to Conversion value and record:

Multiply converted value by 4: 1632 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN

Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-6-2024

Legals:

Time: 8:50 A

Media Type:

Circle one: (SOIL) / WATER

TEST # 43
48" DOWN

Chloride Test Strip Reading:

HIGH RANGE 6.2

Match reading above to Conversion value and record:

Multiply converted value by 4: 1764 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN

Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-6-2024

Legals: _____ Time: 8:50 A

Media Type: Circle one: (SOIL) / WATER

TEST # 44
12" DOWN

Chloride Test Strip Reading: UNABLE TO TEST SAMPLE. TRIED TWICE. [ ]

Match reading above to Conversion value and record: [ ]

Multiply converted value by 4: [ ] ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 03-06-2024

Legals: _____ Time: 8:50 A

Media Type: Circle one: (SOIL) / WATER

TEST # 45
24" DOWN

Chloride Test Strip Reading: HIGH RANGE [6.6]

Match reading above to Conversion value and record: [ ]

Multiply converted value by 4: [2073] ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-6-2024

Legals: Time: 9:30 A

Media Type: Circle one: (SOIL) / WATER

TEST # 46
20" DOWN

Chloride Test Strip Reading: HIGH RANGE 6.4

Match reading above to Conversion value and record:

Multiply converted value by 4: 1913 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOVDEN Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-6-2024

Legals: Time: 9:30 A

Media Type: Circle one: SOIL / WATER

TEST # 47
18" DOWN

Chloride Test Strip Reading: HIGH RANGE 7.2

Match reading above to Conversion value and record:

Multiply converted value by 4: 2664 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOVDEN Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-6-2024

Legals:

Time: 11:00 A

Media Type:

Circle one: SOIL / WATER

TEST #48
24" DOWN

Chloride Test Strip Reading: 7.2

Match reading above to Conversion value and record:

Multiply converted value by 4: 2664 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HAYDEN

Job title:

Signature:

OVER PILOT 16" @ 45 BEND.

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-6-2024

Legals:

Time:

Media Type:

Circle one: SOIL / WATER

TEST #49
10" DOWN

Chloride Test Strip Reading: 1.8 LOW RANGE

Match reading above to Conversion value and record:

Multiply converted value by 4: 40 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HAYDEN.

Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-6-2024

Legals: _____ Time: 12:50 P

Media Type: Circle one: (SOIL) / WATER

TEST #50
30" DOWN OVER PLAINS LINE

Chloride Test Strip Reading: 3.8 LOW RANGE

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 130 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-6-2024

Legals: _____ Time: 1:00P

Media Type: Circle one: (SOIL) / WATER

TEST #51
4" DOWN OVER PLAINS LINE

Chloride Test Strip Reading: HIGH RANGE 6.2

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 1766 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-6-2024

Legals: _____ Time: 1:30P

Media Type: Circle one: (SOIL) / WATER TEST 52 4" DOWN

Chloride Test Strip Reading: 0.8 LOW RANGE

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 3204 ppm CHART 58

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HAYDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-6-2024

Legals: _____ Time: 2:00P

Media Type: Circle one: (SOIL) / WATER TEST # 53 72" DOWN.

Chloride Test Strip Reading: HIGH RANGE 6.6

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 2073 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSEL HAYDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-6-2024

Legals:

Time: 3:00 P

TEST 54

10" DEEPER

Media Type:

Circle one: (SOIL) / WATER

Chloride Test Strip Reading:

HIGH RANGE 5.8

Match reading above to Conversion value and record:

Multiply converted value by 4: 508 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN

Job title:

Signature:

AFTER SECOND PASS

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-6-2024

Legals:

Time: 3:00 P

TEST 55

& DEEPER

Media Type:

Circle one: (SOIL) / WATER

Chloride Test Strip Reading:

HIGH RANGE 7.0

Match reading above to Conversion value and record:

Multiply converted value by 4: 2446 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN

Job title:

Signature:

AFTER SECOND PASS

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-6-2024

Legals: _____ Time: 3:20

Media Type: Circle one: (SOIL) / WATER

TEST #56
12" DEEPER

Chloride Test Strip Reading: HIGH RANGE 7.0

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 2446 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOWDEN Job title: _____

Signature: _____

AFTER SECOND PASS

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT. Date: 3-6-2024

Legals: _____ Time: 3:30 P

Media Type: Circle one: (SOIL) / WATER

TEST #57
20" DEEPER AFTER SECOND PASS

Chloride Test Strip Reading: HIGH RANGE ~~7.6~~ LOW RANGE

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 539 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOWDEN Job title: _____

Signature: _____

10" DEEPER THAN TEST #54
IN SAME LOCATION,
DOWN TO CALICHE.

Chloride Field Testing Results

Well name: COG SOMBRERO / INCIDENT

Date: 3-7-2024

Legals:

Time: 9:50 A

Media Type:

Circle one: (SOIL) / WATER

TEST - 60
SURFACE READING

Chloride Test Strip Reading:

HIGH RANGE 8.4

Match reading above to Conversion value and record:

Multiply converted value by 4: 4746 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOLDEN

Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-7-2024

Legals:

Time: 9:50 A

Media Type:

Circle one: (SOIL) / WATER

TEST - 61
SURFACE

Chloride Test Strip Reading: 0.8 LOW RANGE

Match reading above to Conversion value and record:

Multiply converted value by 4: NOT CHARTED ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOLDEN.

Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-7-2024

Legals: _____ Time: 10:00

Media Type: Circle one: (SOIL) / WATER TEST - 62

SURFACE.

Chloride Test Strip Reading: HIGH RANGE 6.0

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 1632 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT. Date: 3-7-2024

Legals: _____ Time: 10:20

Media Type: Circle one: (SOIL) / WATER TEST - 63

SURFACE

Chloride Test Strip Reading: 3.2 LOW RANGE

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 98 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-7-2024

Legals: _____ Time: _____

Media Type: Circle one: (SOIL) / WATER TEST - 64 SURFACE

Chloride Test Strip Reading: 0.8 LOW RANGE

Match reading above to Conversion value and record: _____

Multiply converted value by 4: NOT CHARTED ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOLDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-7-2024

Legals: _____ Time: _____

Media Type: Circle one: (SOIL) / WATER TEST - 65 32" DOWN

Chloride Test Strip Reading: HIGH RANGE 3.2

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 498 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOLDEN. Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-7-2024

Legals: _____ Time: 10:00

Media Type: Circle one: (SOIL) / WATER

TEST - 66
SURFACE

Chloride Test Strip Reading: 0.8 LOW RANGE

Match reading above to Conversion value and record: _____

Multiply converted value by 4: NOT CONVERTED ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-7-2024

Legals: _____ Time: 10:20

Media Type: Circle one: (SOIL) / WATER

TEST - 67
84" DOWN @ CALICHE

Chloride Test Strip Reading: 1/144 RANGE 6.8

Match reading above to Conversion value and record: _____

Multiply converted value by 4: _____ ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-7-2024

Legals: _____ Time: 11:15

Media Type: Circle one: (SOIL) / WATER TEST 68 SURFACE

Chloride Test Strip Reading: HIGH RANGE 5.4

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 1289 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HAVDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-7-2024

Legals: _____ Time: 11:15

Media Type: Circle one: (SOIL) / WATER TEST 69 SURFACE

Chloride Test Strip Reading: 0.8 LOW RANGE

Match reading above to Conversion value and record: _____

Multiply converted value by 4: NOT ppm CHARTED.

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HAVDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-7-2024

Legals:

Time: 11:20

Media Type:

Circle one: (SOIL) / WATER

TEST 70
20" BELOW EXISTING CONDITION @ CALICHE.

Chloride Test Strip Reading:

HIGH RANGE 6.6

Match reading above to Conversion value and record:

Multiply converted value by 4: 2073 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN

Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-7-2024

Legals:

Time: 11:20

Media Type:

Circle one: (SOIL) / WATER

TEST - 71
66" DOWN.

Chloride Test Strip Reading:

HIGH RANGE 6.4

Match reading above to Conversion value and record:

Multiply converted value by 4: 1913 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN

Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-7-2024

Legals: _____ Time: 12:40

Media Type: Circle one: (SOIL) / WATER

TEST 72
60" DOWN @ CALICHE

Chloride Test Strip Reading: HIGH RANGE 1.4

Match reading above to Conversion value and record: _____

Multiply converted value by 4: NOT CHARTED ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOLDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-7-2024

Legals: _____ Time: 12:40

Media Type: Circle one: (SOIL) / WATER

TEST 73
22" DOWN @ CALICHE

Chloride Test Strip Reading: HIGH RANGE 3.2

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 498 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOLDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-7-2024

Legals: _____ Time: 12:40

Media Type: Circle one: (SOIL) / WATER

TEST 74
66' DOWN TO CALICHE

Chloride Test Strip Reading: HIGH RANGE 5.8

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 1508 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSS HAYDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-7-2024

Legals: _____ Time: 12:40

Media Type: Circle one: (SOIL) / WATER

TEST 75
48" DOWN TO CALICHE

Chloride Test Strip Reading: HIGH RANGE 7.6

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 3182 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSS HAYDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-7-2024

Legals: _____ Time: 1:45

Media Type: Circle one: (SOIL) / WATER

TEST 76
60" DOWN @ CHLORIDE

Chloride Test Strip Reading: HIGH RANGE 7.6

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 3182 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-7-2024

Legals: _____ Time: 1:45

Media Type: Circle one: (SOIL) / WATER

TEST 77
4½" DOWN @ CHLORIDE

Chloride Test Strip Reading: HIGH RANGE 7.4

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 2908 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-7-2024

Legals: _____ Time: 1:45

Media Type: Circle one: (SOIL) / WATER TEST 78 3½" DOWN @ CALICHE

Chloride Test Strip Reading: HIGH RANGE 7.2

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 28804 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOLDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-7-2024

Legals: _____ Time: 1:45

Media Type: Circle one: (SOIL) / WATER TEST - 79 78" DOWN @ CALICHE

Chloride Test Strip Reading: HIGH RANGE 0.0

Match reading above to Conversion value and record: _____

Multiply converted value by 4: — ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOLDEN. Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO Date: 3-7-2024

Legals: Time: 2:00

Media Type: Circle one: (SOIL) / WATER

TEST 80 @ 6'6" DOWN

Chloride Test Strip Reading: HIGH RANGE 1.2 / 3.4 LOW RANGE

Match reading above to Conversion value and record:

Multiply converted value by 4: NOT CHARTED / 108 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO Date: 3-7-2024

Legals: Time: 2:00

Media Type: Circle one: (SOIL) / WATER

TEST. 81
16' DEEP @ CALICHE

Chloride Test Strip Reading: HIGH RANGE 7.0

Match reading above to Conversion value and record:

Multiply converted value by 4: 2446 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-7-2024

Legals: _____ Time: 3:45

Media Type: Circle one: (SOIL) / WATER

TEST 82
@ 42" DOWN

Chloride Test Strip Reading: HIGH RANGE 6.2

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 1760 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

@ 66" DOWN = 0.4 ON LOW RANGE STRIP.

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-7-2024

Legals: _____ Time: 3:45

Media Type: Circle one: (SOIL) / WATER

TEST 83
24" DOWN @ CHLORIDE.

Chloride Test Strip Reading: HIGH RANGE 6.8

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 2250 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-7-2024

Legals:

Time: 3:50

Media Type: Circle one: (SOIL) / WATER

TEST E4
3' DOWN @ CALICHE

Chloride Test Strip Reading: HIGH RANGE 3.6

Match reading above to Conversion value and record:

Multiply converted value by 4: 605 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOLDEN

Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-7-2024

Legals:

Time: 3:50

Media Type: Circle one: (SOIL) / WATER

TEST E5
3' DOWN @ CALICHE

Chloride Test Strip Reading: HIGH RANGE 6.0

Match reading above to Conversion value and record:

Multiply converted value by 4: 1632 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOLDEN

Job title:

Signature:

Chloride Field Testing Results

Well name: Cox SOMBRERO INCIDENT Date: 3-7-2024

Legals: Time:

Media Type: Circle one: SOIL / WATER TEST @ 32" DOWN

Chloride Test Strip Reading: 2.8 LOW RANGE

Match reading above to Conversion value and record:

Multiply converted value by 4: ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOLDEN Job title:

Signature: CONTRACTOR ALREADY STRIPPED TO THIS DEPTH.

Chloride Field Testing Results

Well name: Cox SOMBRERO INCIDENT Date: 3-7-2024

Legals: Time:

Media Type: Circle one: SOIL / WATER TEST @ 26" DOWN

Chloride Test Strip Reading: 0.6 LOW RANGE

Match reading above to Conversion value and record:

Multiply converted value by 4: NOT CHARTED ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSS HOLDEN Job title:

Signature: CONTRACTOR ALREADY STRIPPED TO THIS DEPTH.

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3.8.2024

Legals: _____ Time: 8:30

Media Type: Circle one: (SOIL) / WATER TEST 88
60" DOWN @ CALICHE

Chloride Test Strip Reading: HIGH RANGE 6.4

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 1913 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-8-2024

Legals: _____ Time: 8:30

Media Type: Circle one: (SOIL) / WATER TEST 89
48" DOWN @ CALICHE

Chloride Test Strip Reading: HIGH RANGE 6.4

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 1913 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-8-2024

Legals: _____ Time: 8:30

Media Type: Circle one: (SOIL) / WATER TEST 90
32" DOWN @ CALICHE

Chloride Test Strip Reading: 1.0 LOW RANGE

Match reading above to Conversion value and record: _____

Multiply converted value by 4: NOT CHARTED ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HAYDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO Date: 3-8-2024

Legals: _____ Time: 9:00

Media Type: Circle one: (SOIL) / WATER TEST 91

Chloride Test Strip Reading: 0.0 NO READING LOW RANGE

Match reading above to Conversion value and record: _____

Multiply converted value by 4: _____ ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HAYDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-8-2024

Legals: _____ Time: 9:00

Media Type: Circle one: (SOIL) / WATER TEST 92 48" DEEP

Chloride Test Strip Reading: 0.0 NO READING LOW RANGE

Match reading above to Conversion value and record: _____

Multiply converted value by 4: _____ ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO Date: 3-8-2024

Legals: _____ Time: 9:30

Media Type: Circle one: (SOIL) / WATER TEST 93 SURFACE

Chloride Test Strip Reading: 0.2 LOW RANGE

Match reading above to Conversion value and record: _____

Multiply converted value by 4: — ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: E-COG SOMBRERO Date: 3-8-2024

Legals: Time: 9:30

Media Type: Circle one: (SOIL) / WATER TEST 94 SURFACE

Chloride Test Strip Reading:	0.6	LOW RANGE
Match reading above to Conversion value and record:		
Multiply converted value by 4:	—	ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-8-2024

Legals: Time: 11:10

Media Type: Circle one: (SOIL) / WATER TEST 95

60" DOWN"
12" INTO ROTTED (SOFT) CALICHE

Chloride Test Strip Reading:	4.0	LOW RANGE
Match reading above to Conversion value and record:		
Multiply converted value by 4:	143	ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title:

Signature: SAME LOCATION AS TEST 89

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-8-2024

Legals: _____ Time: 10:40

Media Type: Circle one: (SOIL) / WATER TEST 96 SURFACE

Chloride Test Strip Reading: NO READING 0.0 LOW RANGE

Match reading above to Conversion value and record: _____

Multiply converted value by 4: _____ ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOLDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-8-2024

Legals: _____ Time: 1040

Media Type: Circle one: (SOIL) / WATER TEST 97 SURFACE

Chloride Test Strip Reading: NO READING 0.0 LOW RANGE

Match reading above to Conversion value and record: _____

Multiply converted value by 4: _____ ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOLDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-08-2024

Legals: _____ Time: 10:45

Media Type: Circle one: (SOIL) / WATER

Chloride Test Strip Reading: HIGH RANGE 68

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 2250 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOVDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-8-2024

Legals: _____ Time: 10:45

Media Type: Circle one: SOIL / WATER

Chloride Test Strip Reading: 7.0 LOW RANGE

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 435 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOVDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-8-2024

Legals: _____ Time: 12:30

Media Type: Circle one: (SOIL) / WATER TEST 100 SURFACE

Chloride Test Strip Reading: HIGH RANGE 4.0 | 8.2 | LOW RANGE

Match reading above to Conversion value and record: | |

Multiply converted value by 4: 726. | OVER 626 | ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-8-2024

Legals: _____ Time: 12:30

Media Type: Circle one: (SOIL) / WATER TEST 101 SURFACE

Chloride Test Strip Reading: | 4.8 |

Match reading above to Conversion value and record: | |

Multiply converted value by 4: | 98 | ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO WCIDEN Date: 3-8-2024

Legals: _____ Time: 12:30

Media Type: Circle one: (SOIL) / WATER TEST 102 SURFACE

Chloride Test Strip Reading: 0.4 LOW RANGE

Match reading above to Conversion value and record: _____

Multiply converted value by 4: NOT CHARTED ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO Date: 3-8-2024

Legals: _____ Time: 12:30

Media Type: Circle one: (SOIL) / WATER TEST 103 SURFACE

Chloride Test Strip Reading: HIGH RANGE 5.2

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 1M ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: _____ Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-08-2024

Legals: _____ Time: 12:45

Media Type: Circle one: (SOIL) / WATER TEST 104 SURFACE

Chloride Test Strip Reading: NO READING 0.0 LOW RANGE

Match reading above to Conversion value and record: _____

Multiply converted value by 4: _____ ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOLDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-8-2024

Legals: _____ Time: 12:45

Media Type: Circle one: (SOIL) / WATER TEST 106 SURFACE

Chloride Test Strip Reading: HIGH RANGE 6.8

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 2250 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOLDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-8-2024

Legals: _____ Time: 12:45

Media Type: Circle one: (SOIL) / WATER TEST 106 SURFACE

Chloride Test Strip Reading: 0.6 LOW RANGE

Match reading above to Conversion value and record: _____

Multiply converted value by 4: NOT CHARTED ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO Date: 3-8-2024

Legals: _____ Time: 12:45

Media Type: Circle one: (SOIL) / WATER TEST 107 2-3 INCHES INTO HARD CALICHE

Chloride Test Strip Reading: HIGH RANGE 6.0

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 1632 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-8-2024

Legals: _____ Time: 2:20

Media Type: Circle one: (SOIL) / WATER TEST 108 SURFACE

Chloride Test Strip Reading: HIGH RANGE 5.8

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 1508 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-8-2024

Legals: _____ Time: 2:20

Media Type: Circle one: (SOIL) / WATER TEST 109 SURFACE

Chloride Test Strip Reading: 0.8 LOW RANGE

Match reading above to Conversion value and record: _____

Multiply converted value by 4: NOT CHARTED ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-8-2024

Legals: _____ Time: 2:20

Media Type: Circle one: (SOIL) / WATER TEST 110 CALICHE TEST TOP OF CALICHE LAYER

Chloride Test Strip Reading: HIGH RANGE [4.8]

Match reading above to Conversion value and record: [ ]

Multiply converted value by 4: [1015] ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-8-2024

Legals: _____ Time: 2:20

Media Type: Circle one: (SOIL) / WATER TEST 111 SURFACE

Chloride Test Strip Reading: NO READING [0.0] LOW RANGE

Match reading above to Conversion value and record: [ ]

Multiply converted value by 4: [—] ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-8-2024

Legals: _____ Time: 2:20

Media Type: Circle one: (SOIL) / WATER

TEST 112
SURFACE
NO READING

Chloride Test Strip Reading: 0.0 LOW RANGE

Match reading above to Conversion value and record: _____

Multiply converted value by 4: _____ ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HALDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-8-2024

Legals: _____ Time: 2:20

Media Type: Circle one: (SOIL) / WATER

TEST 113
CALICHE TEST
APPROX 16" BELOW SURFACE @ ~~START~~ @ TOP OF CALICHE

Chloride Test Strip Reading: 0.4 LOW RANGE

Match reading above to Conversion value and record: _____

Multiply converted value by 4: NOT CHARTED ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HALDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: CG SOMBRERO INCIDENT Date: 3-8-2024

Legals: _____ Time: 2:40

Media Type: Circle one: (SOIL) / WATER TEST 114 SURFACE

Chloride Test Strip Reading: HIGH RANGE 7.2

Match reading above to Conversion value and record: _____

Multiply converted value by 4: _____ ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility) RIGHT NEXT TO TEST 109

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: _____ Date: _____

Legals: _____ Time: _____

Media Type: Circle one: SOIL / WATER

Chloride Test Strip Reading: _____

Match reading above to Conversion value and record: _____

Multiply converted value by 4: _____ ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: _____ Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-9-2024

Legals: _____ Time: 9:30

Media Type: Circle one: (SOIL) / WATER TEST 115 SURFACE

Chloride Test Strip Reading: HIGH RANGE 3.8

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 6.64 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-9-2024

Legals: _____ Time: 9:30

Media Type: Circle one: (SOIL) / WATER TEST 116 SURFACE

Chloride Test Strip Reading: HIGH RANGE 6.6

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 2073 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-7-2024

Legals: _____ Time: 9:30

Media Type: Circle one: (SOIL) / WATER TEST 117 20" DOWN

Chloride Test Strip Reading: HIGH RANGE 3.2

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 498 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-7-2024

Legals: _____ Time: 9:30

Media Type: Circle one: (SOIL) / WATER TEST 118 22" DOWN 2" INTO CALICHE

Chloride Test Strip Reading: HIGH RANGE 4.8

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 1015 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-9-2024

Legals: _____ Time: 9:30

Media Type: Circle one: (SOIL) / WATER TEST 119 SURFACE

Chloride Test Strip Reading: HIGH RANGE 1-6

Match reading above to Conversion value and record: _____

Multiply converted value by 4: BELOW 273 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOLDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-9-2024

Legals: _____ Time: 9:30

Media Type: Circle one: (SOIL) / WATER TEST 120 SURFACE

Chloride Test Strip Reading: HIGH RANGE 4-8

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 1015 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOLDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-9-2024

Legals: _____ Time: 9:30

Media Type: Circle one: (SOIL) / WATER TEST 121 3.6" DOWN

Chloride Test Strip Reading: HIGH RANGE 3.4

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 550 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-9-2024

Legals: _____ Time: 9:30

Media Type: Circle one: (SOIL) / WATER TEST 122 @ SURFACE

Chloride Test Strip Reading: HIGH RANGE 0.4

Match reading above to Conversion value and record: _____

Multiply converted value by 4: BELOW 273 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-9-2024

Legals: _____ Time: 9:30

Media Type: Circle one: (SOIL) / WATER TEST 123 SURFACE

Chloride Test Strip Reading: HIGH RANGE 0.8

Match reading above to Conversion value and record: _____

Multiply converted value by 4: BELOW 273. ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-9-2024

Legals: _____ Time: 9:30

Media Type: Circle one: SOIL / WATER TEST 124 SURFACE

Chloride Test Strip Reading: HIGH RANGE 7.0

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 2446 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN. Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-9-2024

Legals: _____ Time: 11:00

Media Type: Circle one: (SOIL) / WATER TEST 125 12" DOWN & 2" INTO CALICHE

Chloride Test Strip Reading: HIGH RANGE 3.8 / 8.0 LOW RANGE

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 636 / OVER 619 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOWDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-9-2024

Legals: _____ Time: 11:00

Media Type: Circle one: (SOIL) / WATER TEST 126 12" DOWN & 2" INTO CALICHE

Chloride Test Strip Reading: HIGH RANGE 4.6 / _____ LOW RANGE

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 896 / _____ ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOWDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-9-2024

Legals: _____ Time: 11:00

Media Type: Circle one: (SOIL) / WATER TEST 127 10" DOWN & 2" INTO CALICHE

Chloride Test Strip Reading: HIGH RANGE 3.4 / 7.6 LOW RANGE

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 528 / 576 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-9-2024

Legals: _____ Time: 11:00

Media Type: Circle one: (SOIL) / WATER TEST 128 4" DOWN

Chloride Test Strip Reading: HIGH RANGE NO READING 0.0

Match reading above to Conversion value and record: _____

Multiply converted value by 4: LESS THAN 273. ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-9-2024

Legals: _____ Time: 11:00

Media Type: Circle one: (SOIL) / WATER TEST 129 3" DOWN

Chloride Test Strip Reading: HIGH RANGE NO-REDDOWN 0.0

Match reading above to Conversion value and record: _____

Multiply converted value by 4: LESS THAN 273 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO Date: 3-9-2024

Legals: _____ Time: 11:40

Media Type: Circle one: (SOIL) / WATER TEST 130 3" DOWN

Chloride Test Strip Reading: HIGH RANGE 5.8

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 1444 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-9-2024

Legals: _____ Time: 1:20

Media Type: Circle one: (SOIL) / WATER TEST 131 SURFACE

Chloride Test Strip Reading: HIGH RANGE 3.6

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 605 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-9-2024

Legals: _____ Time: 1:20

Media Type: Circle one: (SOIL) / WATER TEST 132 18" DOWN

Chloride Test Strip Reading: 1.6 LOW RANGE

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 37 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-9-2024

Legals: _____ Time: 1:20

Media Type: Circle one: SOIL / WATER TEST 133 12" DOWN

Chloride Test Strip Reading: 2.4 LOW RANGE

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 65 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-9-2024

Legals: _____ Time: _____

Media Type: Circle one: (SOIL) / WATER TEST 134 24" DOWN

Chloride Test Strip Reading: 2.0 LOW RANGE

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 50 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COL SOMBRERO INCIDENT Date: 3-9-2024

Legals: _____ Time: 1:45

Media Type: Circle one: (SOIL) / WATER TEST 135 SURFACE

Chloride Test Strip Reading: HIGH RANGE NO READING 0.0

Match reading above to Conversion value and record: _____

Multiply converted value by 4: BELOW 273 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COL SOMBRERO INCIDENT Date: 3-9-2024

Legals: _____ Time: 1:45

Media Type: Circle one: (SOIL) / WATER TEST 136 30" DOWN

Chloride Test Strip Reading: NO READING 06 LOW RANGE

Match reading above to Conversion value and record: _____

Multiply converted value by 4: BELOW 32 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-9-2024

Legals: _____ Time: 2:45

TEST 137

Media Type: Circle one: (SOIL) / WATER 24" DOWN

Chloride Test Strip Reading: HIGH RANGE NO READING 0.0

Match reading above to Conversion value and record: _____

Multiply converted value by 4: UNDER 273 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN. Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3.9.2024

Legals: _____ Time: 2:45

TEST 138

Media Type: Circle one: (SOIL) / WATER

Chloride Test Strip Reading: HIGH RANGE 4.2

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 791 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-4-2024

Legals: _____

Time: 3:30

Media Type: Circle one: (SOIL) / WATER

TEST 1B
8" Down

Chloride Test Strip Reading: HIGH RANGE — NO REACTION — 00

Match reading above to Conversion value and record: _____

Multiply converted value by 4: WATER 272 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOLDEN

Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: _____

Date: _____

Legals: _____

Time: _____

Media Type: Circle one: SOIL / WATER

Chloride Test Strip Reading: _____

Match reading above to Conversion value and record: _____

Multiply converted value by 4: _____ ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: _____

Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-13-2024

Legals: _____ Time: 1:00

Media Type: Circle one: (SOIL) / WATER

TEST 1/4 @ SURFACE

Chloride Test Strip Reading: HIGH RANGE 0.0

Match reading above to Conversion value and record: _____

Multiply converted value by 4: BELOW 273 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-13-2024

Legals: _____ Time: _____

Media Type: Circle one: (SOIL) / WATER

TEST 1/4 @ SURFACE

Chloride Test Strip Reading: HIGH RANGE 0.2

Match reading above to Conversion value and record: _____

Multiply converted value by 4: BELOW 273 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-13-2024

Legals: _____ Time: 1:00

TEST 142
@ SURFACE

Media Type: Circle one: (SOIL) / WATER

Chloride Test Strip Reading: HIGH RANGE 0.0

Match reading above to Conversion value and record:

Multiply converted value by 4: BELOW ppm
273

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-13-2024

Legals: _____ Time: 1:00

TEST 143
@ CALICHE - 52" DOWN

Media Type: Circle one: (SOIL) / WATER

Chloride Test Strip Reading: HIGH RANGE 10

Match reading above to Conversion value and record:

Multiply converted value by 4: BELOW ppm
273

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-13-2024

Legals: _____ Time: 1:00

Media Type: Circle one: (SOIL) / WATER

TEST 144 @ SURFACE

Chloride Test Strip Reading: HIGH RANGE [00]

Match reading above to Conversion value and record: [ ]

Multiply converted value by 4: [BELOW 273] ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-13-2024

Legals: _____ Time: 1:00

Media Type: Circle one: (SOIL) / WATER

TEST 145 @ SURFACE

Chloride Test Strip Reading: HIGH RANGE [00]

Match reading above to Conversion value and record: [ ]

Multiply converted value by 4: [BELOW 273] ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: CG SOMBRERO INCIDENT

Date: 3-15-2024

Legals:

Time: 1:10

Media Type: Circle one: (SOIL) / WATER

TEST 146 @ SURFACE

Chloride Test Strip Reading: HIGH RANGE — 0.2

Match reading above to Conversion value and record:

Multiply converted value by 4: BELOW 273 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOWDEN

Job title:

Signature:

Chloride Field Testing Results

Well name: CG SOMBRERO INCIDENT

Date: 3-15-2024

Legals:

Time: 1:10

Media Type: Circle one: (SOIL) / WATER

TEST 147 @ SURFACE

Chloride Test Strip Reading: HIGH RANGE — 0.2

Match reading above to Conversion value and record:

Multiply converted value by 4: BELOW 273 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOWDEN

Job title:

Signature:

Chloride Field Testing Results

Well name: COG SCHARBAUER INCIDENT

Date: 3-13-2024

Legals:

Time: 1:10

Media Type: Circle one: (SOIL) / WATER

TEST #48 @ CALICHE @ 14" DOWN

Chloride Test Strip Reading: HIGH RANGE 58

Match reading above to Conversion value and record:

Multiply converted value by 4: 1508 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOWARD

Job title:

Signature:

Chloride Field Testing Results

Well name: COG SCHARBAUER INCIDENT

Date: 3-13-2024

Legals:

Time: 1:15

Media Type: Circle one: (SOIL) / WATER

TEST #49 @ SURFACE

Chloride Test Strip Reading: HIGH RANGE 0.4

Match reading above to Conversion value and record:

Multiply converted value by 4: BELOW 273 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOWARD

Job title:

Signature:

Chloride Field Testing Results

Well name: Jal Sunfield Incident

Date: 3-13-2024

Legals:

Time: 1:45

Media Type: Circle one: (SOIL) / WATER

TEST 150 @ Caliche 58" Down

Chloride Test Strip Reading: Algae Color — 0.2

Match reading above to Conversion value and record:

Multiply converted value by 4: Below — ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

273

Print Name: Russell Howard

Job title:

Signature:

Chloride Field Testing Results

Well name: Jal Sunfield Incident

Date: 3-13-2024

Legals:

Time: 1:15

Media Type: Circle one: (SOIL) / WATER

TEST 151 @ Surface

Chloride Test Strip Reading: Algae Color — 0.2

Match reading above to Conversion value and record:

Multiply converted value by 4: Below — ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

273

Print Name: Russell Howard

Job title:

Signature:

Chloride Field Testing Results

Well name: Cox Schlosser Incident

Date: 3-13-2024

Legals:

Time: 1:50

Media Type:

Circle one: (SOIL) / WATER

TEST 1 S2
SURFACE

Chloride Test Strip Reading:

Hach Range: 0.0

Match reading above to Conversion value and record:

Multiply converted value by 4: Below 273 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: Russell Hayden

Job title:

Signature:

Chloride Field Testing Results

Well name: Cox Schlosser Incident

Date: 3-13-2024

Legals:

Time: 1:50

Media Type:

Circle one: (SOIL) / WATER

~~TEST 1 S4~~ TEST 1 S3
~~Chloride~~ ~~3' Point~~
SURFACE

Chloride Test Strip Reading:

Hach Range: 0.0

Match reading above to Conversion value and record:

Multiply converted value by 4: Below 273 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: Russell Hayden

Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-13-2024

Legals:

Time: 1 50

Media Type: Circle one: (SOIL) / WATER

TEST ~~#5~~ 154
CALICHE 36" DOWN

Chloride Test Strip Reading: Light Reddish — 7-8

Match reading above to Conversion value and record:

Multiply converted value by 4: 3494 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN

Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-13-2024

Legals:

Time: 1 50

Media Type: Circle one: (SOIL) / WATER

TEST ~~#6~~ 155
@ SURFACE

Chloride Test Strip Reading: Light Reddish — 0.6

Match reading above to Conversion value and record:

Multiply converted value by 4: 3000 ppm
273

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN

Job title:

Signature:

Chloride Field Testing Results

Well name: COL SOMBRERO INCIDENT Date: 3-13-2024

Legals: _____ Time: 2:00

Media Type: Circle one: (SOIL) / WATER TEST 156

Chloride Test Strip Reading: HIGH RANGE 0.0

Match reading above to Conversion value and record: _____

Multiply converted value by 4: BELOW 273 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COL SOMBRERO INCIDENT Date: 3-13-2024

Legals: _____ Time: 2:00

Media Type: Circle one: (SOIL) / WATER @CALICHE - 60" DOWN TEST 157

Chloride Test Strip Reading: HIGH RANGE 1.8

Match reading above to Conversion value and record: _____

Multiply converted value by 4: BELOW 273 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: C-4 SOMBRERO INCIDENT

Date: 3-13-2024

Legals:

Time: 2:00

Media Type: Circle one: (SOIL) / WATER

TEST 158
6" DEEP

Chloride Test Strip Reading:

HIGH RANGE — 0.0

Match reading above to Conversion value and record:

Multiply converted value by 4: BELOW — ppm

273

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOODEN

Job title:

Signature:

Chloride Field Testing Results

Well name: C-4 SOMBRERO INCIDENT

Date: 3-13-2024

Legals:

Time: 2:00

Media Type: Circle one: (SOIL) / WATER

TEST ~~#~~ 159
SURFACE

Chloride Test Strip Reading:

HIGH RANGE — 0.8

Match reading above to Conversion value and record:

Multiply converted value by 4: BELOW — ppm

273

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOODEN

Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-13-2024

Legals: _____ Time: 2:00

Media Type: Circle one: (SOIL) / WATER TEST 160 SURFACE

Chloride Test Strip Reading: HIGH RANGE 8.8

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 6607 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-13-2024

Legals: _____ Time: 2:00

Media Type: Circle one: (SOIL) / WATER TEST 161 @ SURFACE

Chloride Test Strip Reading: HIGH RANGE 0.4

Match reading above to Conversion value and record: _____

Multiply converted value by 4: BLANK 273 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-13-2024

Legals:

Time: 2:10

Media Type: Circle one: SOIL / WATER

TEST 162
SURFACE

Chloride Test Strip Reading: HIGH RANGE 0.0

Match reading above to Conversion value and record:

Multiply converted value by 4: BELOW 273 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOWDEN

Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-13-2024

Legals:

Time: 2:10

Media Type: Circle one: SOIL / WATER

TEST 163
SURFACE

Chloride Test Strip Reading: HIGH RANGE 20

Match reading above to Conversion value and record:

Multiply converted value by 4: BELOW 223 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOWDEN

Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-13-2024

Legals: _____ Time: 2:10

Media Type: Circle one: (SOIL) / WATER

TEST 164 @ 60" DOWN

Chloride Test Strip Reading: HIGH RANGE 6.8

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 2250 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-13-2024

Legals: _____ Time: 2:10

Media Type: Circle one: (SOIL) / WATER

TEST 165 @ SURFACE

Chloride Test Strip Reading: HIGH RANGE 0.4

Match reading above to Conversion value and record: _____

Multiply converted value by 4: BELOW 27.3 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-13-2024

Legals:

Time: 4:45

Media Type: Circle one: (SOIL) / WATER

TEST 166
SAME LOCATION AS T-143
@ 40" DOWN

Chloride Test Strip Reading: HIGH RANGE 00

Match reading above to Conversion value and record:

Multiply converted value by 4: ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HAYDEN

Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-13-2024

Legals:

Time: 4:45

Media Type: Circle one: (SOIL) / WATER

TEST 167
SAME LOCATION AS T-150
@ 46" DOWN.

Chloride Test Strip Reading: HIGH RANGE 0.0

Match reading above to Conversion value and record:

Multiply converted value by 4: ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HAYDEN

Job title:

Signature:

Chloride Field Testing Results

Well name: CCA SOUTHBOUND INCIDENT

Date: 3-13-2024

Legals:

Time: 4:45

Media Type:

Circle one: (SOIL) / WATER

TEST 168
SAME LOCATION AS TEST 168
@6" INTO CALICHE @ 20" DOWN

Chloride Test Strip Reading: HIGH RANGE — 2.2

Match reading above to Conversion value and record:

Multiply converted value by 4: 273 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEK

Job title:

Signature:

Chloride Field Testing Results

Well name: CCA SOUTHBOUND INCIDENT

Date: 3-13-2024

Legals:

Time: 4:45

Media Type:

Circle one: (SOIL) / WATER

TEST 169
SAME LOCATION AS T-160
@CALICHE 12" DOWN

Chloride Test Strip Reading: HIGH RANGE — 7.2

Match reading above to Conversion value and record:

Multiply converted value by 4: 2664 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEK

Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-14-2024

Legals:

Time: 10:10

Media Type:

Circle one: (SOIL) / WATER

TEST 170
SURFACE

Chloride Test Strip Reading:

HIGH RANGE

8.0

Match reading above to Conversion value and record:

Multiply converted value by 4:

3851 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN

Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-14-2024

Legals:

Time: 10:10

Media Type:

Circle one: (SOIL) / WATER

TEST 171
24" DOWN

Chloride Test Strip Reading:

HIGH RANGE

6.2

Match reading above to Conversion value and record:

Multiply converted value by 4:

1766 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN

Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-14-2024

Legals:

Time: 10:10

Media Type: Circle one: (SOIL) / WATER

TEST 172
SURFACE

Chloride Test Strip Reading: HIGH RANGE 4.2

Match reading above to Conversion value and record:

Multiply converted value by 4: 791 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOLDEN

Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-14-2024

Legals:

Time: 10:10

Media Type: Circle one: (SOIL) / WATER

TEST 173
SURFACE

Chloride Test Strip Reading: HIGH RANGE 6.6

Match reading above to Conversion value and record:

Multiply converted value by 4: 2073 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOLDEN

Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-14-2024

Legals:

Time: 10:20

Media Type: Circle one: (SOIL) / WATER

TEST 174
SURFACE

Chloride Test Strip Reading:

HIGH RANGE | 4.0

Match reading above to Conversion value and record:

Multiply converted value by 4: | 726 | ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN

Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-14-2024

Legals:

Time: 10:20

Media Type: Circle one: (SOIL) / WATER

TEST 175
SURFACE

Chloride Test Strip Reading:

HIGH TABLE | 3.8

Match reading above to Conversion value and record:

Multiply converted value by 4: | 664 | ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN

Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-14-2024

Legals:

Time: 10:20

Media Type: Circle one: (SOIL) / WATER

TEST 176
SURFACE

Chloride Test Strip Reading: HIGH RANGE 0.4

Match reading above to Conversion value and record:

Multiply converted value by 4: BELOW 273 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN

Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-14-2024

Legals:

Time: 10:20

Media Type: Circle one: (SOIL) / WATER

TEST 177
SURFACE

Chloride Test Strip Reading: HIGH RANGE 0.2

Match reading above to Conversion value and record:

Multiply converted value by 4: BELOW 273 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN

Job title:

Signature:

Chloride Field Testing Results

Well name: CoG SOMBRERO INCIDENT Date: 3-14-2024

Legals: _____ Time: 10:30

Media Type: Circle one: (SOIL) / WATER TEST 178 SURFACE

Chloride Test Strip Reading: HIGH RANGE 0.0

Match reading above to Conversion value and record: _____

Multiply converted value by 4: BELOW 273 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOVDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: CoG SOMBRERO INCIDENT Date: 3-14-2024

Legals: _____ Time: 10:30

Media Type: Circle one: (SOIL) / WATER TEST 179 SURFACE

Chloride Test Strip Reading: HIGH RANGE 0.0

Match reading above to Conversion value and record: _____

Multiply converted value by 4: BELOW 273 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOVDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-14-2024

Legals:

Time: 1030

Media Type:

Circle one: (SOIL) / WATER

TEST 180
SURFACE

Chloride Test Strip Reading:

HIGH RANGE

0.0

Match reading above to Conversion value and record:

Multiply converted value by 4:

BELOW 273 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOLDEN

Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-14-2024

Legals:

Time: 1030

Media Type:

Circle one: (SOIL) / WATER

TEST 181
SURFACE

Chloride Test Strip Reading:

HIGH RANGE

0.0

Match reading above to Conversion value and record:

Multiply converted value by 4:

BELOW 273 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOLDEN

Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-14-2024

Legals: [redacted] Time: 2:30

Media Type: Circle one: (SOIL) / WATER CALICHE - 182 #1 CONTROL TEST

Chloride Test Strip Reading: 0.4 LOW RANGE

Match reading above to Conversion value and record:

Multiply converted value by 4: LESS THAN 32 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HONDEN Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-14-2024

Legals: Time: 2:30

Media Type: Circle one: (SOIL) / WATER CALICHE CONTROL TEST - 183 #2

Chloride Test Strip Reading: 0.8 LOW RANGE

Match reading above to Conversion value and record:

Multiply converted value by 4: LESS THAN 32 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-14-2024

Legals:

Time: 2:30





Media Type: Circle one: SOIL / WATER

Chloride Test Strip Reading: 0.4 LOW RANGE

Match reading above to Conversion value and record:

Multiply converted value by 4: LESS THAN 32 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOLDEN Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT

Date: 3-14-2024

Legals:

Time: 4:45

Media Type: Circle one: (SOIL) / WATER

TEST 185
4'8" DOWN NO CALICHE

Chloride Test Strip Reading: HIGH RANGE 66

Match reading above to Conversion value and record:

Multiply converted value by 4: 2073 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOLDEN Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-15-2024

Legals: _____ Time: 10:00

Media Type: Circle one: (SOIL) / WATER TEST 186 @ CALICHE 28" DOWN 4 INTO CALICHE

HR

Chloride Test Strip Reading: 5.6

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 1394 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDE Job title: _____

Signature: _____ @24" = 80 = 3851

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-15-2024

Legals: _____ Time: 10:00

Media Type: Circle one: (SOIL) / WATER TEST 187 @ CALICHE - ~~36~~ DOWN - 40 - 4 INTO CALICHE

HR

Chloride Test Strip Reading: 5.0

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 1100 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____ @36 = 7.4 = 2908

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-15-2024

Legals: _____ Time: 10:00

Media Type: Circle one: (SOIL) / WATER OCHICHI TEST 188 24" DOWN

Chloride Test Strip Reading: WR 0.6 / 1.4 LR

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 32 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-15-2024

Legals: _____ Time: _____

Media Type: Circle one: (SOIL) / WATER TEST 189 OCHICHI - 60 DOWN

Chloride Test Strip Reading: WR 3.4 / 7.6 LR

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 550 / 576 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-15-2024

Legals: Time: 10:00

Media Type: Circle one: (SOIL) / WATER TEST #90 @ CALICHE 72 DOWN

Chloride Test Strip Reading: HR 8.4

Match reading above to Conversion value and record:

Multiply converted value by 4: 4746 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility) THIS IS WILD COMPARED TO OTHER READINGS IN AREA. ill o.v.o

Print Name: RUSSELL HOUDEN Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-15-2024

Legals: Time: 10:00

Media Type: Circle one: (SOIL) / WATER TEST #91 @ CALICHE 72 DOWN

Chloride Test Strip Reading: HR 5.8

Match reading above to Conversion value and record:

Multiply converted value by 4: 1508 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title:

Signature:

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-15-2024

Legals: _____ Time: 12:20

Media Type: Circle one: (SOIL) / WATER TEST 192 DOWN 54.

Chloride Test Strip Reading: HR 6.8

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 2250 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO Date: 3-15-2024

Legals: _____ Time: 12:20

Media Type: Circle one: (SOIL) / WATER TEST 193 @ CAVERN DOWN 48

Chloride Test Strip Reading: HR 7.0

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 2446 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-15-2024

Legals: _____ Time: 12:20

Media Type: Circle one: (SOIL) / WATER TEST A4
20 DOWN — 4 INTO CALICHE

Chloride Test Strip Reading: HR 0.0 / 0.6 LR

Match reading above to Conversion value and record: _____

Multiply converted value by 4: LESS THAN 32 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO Date: 3-15-2024

Legals: _____ Time: 12:20

Media Type: Circle one: (SOIL) / WATER TEST A5
42 DOWN @ CALICHE

Chloride Test Strip Reading: HR 6.0

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 1632 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOUDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-15-2024

Legals: _____ Time: 12:40

Media Type: Circle one: (SOIL) / WATER TEST 196 72-DOWN

Chloride Test Strip Reading: LR 0.0 / 0.6 LR

Match reading above to Conversion value and record: _____

Multiply converted value by 4: NA / LESS THAN 32 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HENDRIX Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-15-2024

Legals: _____ Time: 1:20

Media Type: Circle one: (SOIL) / WATER TEST 197 36 ~~48~~ DOWN

Chloride Test Strip Reading: LR 0.2 / 0.8 LR

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 0. / LESS THAN 32 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HENDRIX Job title: _____

Signature: _____ @ 48 DOWN 0.6 LR LESS THAN 32

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-15-2024

Legals: _____ Time: 1:20

Media Type: Circle one: (SOIL) / WATER TEST 198 36 ~~24~~ DOWN

Chloride Test Strip Reading: HR 1.4 / 3.6 LR

Match reading above to Conversion value and record: _____

Multiply converted value by 4: NA / 126 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOLDEN Job title: _____

Signature: _____ @24 DOWN 4.8 HR = 1015

Chloride Field Testing Results

Well name: COG SOMBRERO INCIDENT Date: 3-15-2024

Legals: _____ Time: 1:20

Media Type: Circle one: (SOIL) / WATER TEST 199 80 DOWN

Chloride Test Strip Reading: HR 6.6

Match reading above to Conversion value and record: _____

Multiply converted value by 4: 2073 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSELL HOLDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: COG SOMBRERO Date: 3-15-2024

Legals: _____ Time: 1:20

Media Type: Circle one: (SOIL) / WATER TEST 200 60-Down

Chloride Test Strip Reading: HR 1.8 / 4.4 LR

Match reading above to Conversion value and record: _____

Multiply converted value by 4: HR / 181 ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: RUSSEL HOLDEN Job title: _____

Signature: _____

Chloride Field Testing Results

Well name: _____ Date: _____

Legals: _____ Time: _____

Media Type: Circle one: SOIL / WATER

Chloride Test Strip Reading: _____

Match reading above to Conversion value and record: _____

Multiply converted value by 4: _____ ppm

(If above value is < 1,000 ppm, waste should be acceptable to disposal facility)

Print Name: _____ Job title: _____

Signature: _____

TEST #	Approximate depth from natural ground	
1	6" +/-	
2	6" +/-	
3	6" +/-	
4	6" +/-	
5	surface	
6	surface	
7	6" +/-	
8	6" +/-	
9	8"	
10	40"	
11	6"	
12	6"	
13	12"	
14	54"	
15	6" +/-	
16	6" +/-	
17	surface	
18	6" +/-	
19	6" +/-	
20	6" +/-	
21	14"	top of caliche
22	12"	top of caliche
23	14"	top of caliche
24	14"	top of caliche
25	10"	
26	6"	
27	10"	
28	6"	
29	2"	
30	2"	
31	16"	top of caliche
32	12"	top of caliche
33	12"	
34	12"	
35	9"	
36	8"	
37	10"	
38	24"	
39	4"	
40	16"	
41	36"	
42	16"	
43	48"	
44	12"	

45	24"	
46	20"	
47	18"	
48	24"	
49	10"	
50	30"	over plains pipeline
51	4"	over plains pipeline
52	4"	
53	72"	
54	16"	
55	14"	
56	18"	
57	26"	
58	surface	
59	surface	
60	surface	
61	surface	
62	surface	
63	surface	
64	surface	
65	32"	
66	surface	
67	84"	top of caliche
68	surface	
69	surface	
70	38"	top of caliche
71	66"	
72	60"	top of caliche
73	22"	top of caliche
74	66"	top of caliche
75	48"	top of caliche
76	60"	top of caliche
77	44"	top of caliche
78	36"	top of caliche
79	78"	top of caliche
80	66"	
81	16"	top of caliche
82	66" LR < 30	42" HR 1766
83	24"	top of caliche
84	36"	top of caliche
85	8"	top of caliche
86	32"	
87	26"	
88	60"	top of caliche
89	48"	top of caliche
90	32"	top of caliche
91	surface	

92	48"	
93	surface	
94	surface	
95	60"	12 into caliche
96	surface	
97	surface	
98	surface	
99	surface	
100	surface	
101	surface	
102	surface	
103	surface	
104	surface	
105	surface	
106	surface	
107	38"	2" into caliche
108	surface	
109	surface	
110	23"	1" into caliche
111	surface	
112	surface	
113	16"	1" into caliche
114	surface	
115	surface	
116	surface	
117	20"	
118	22"	2" into caliche
119	surface	
120	surface	
121	36"	
122	surface	
123	surface	
124	surface	
125	12"	2" into caliche
126	12"	2" into caliche
127	10"	2" into caliche
128	4"	
129	3"	
130	3"	
131	surface	
132	18"	
133	12"	
134	24"	
135	surface	
136	30"	
137	24"	
138		

139	8"	
140	surface	
141	surface	
142	surface	
143	52"	top of caliche
144	surface	
145	surface	
146	surface	
147	surface	
148	14"	top of caliche
149	surface	
150	58"	top of caliche
151	surface	
152	surface	
153	surface	
154	36"	top of caliche
155	surface	
156	surface	
157	60"	
158	6"	
159	surface	
160	surface	
161	surface	
162	surface	
163	surface	
164	60"	
165	surface	
166	40"	
167	46"	
168	20"	6" into caliche
169	12"	
170	surface	
171	24"	
172	surface	
173	surface	
174	surface	
175	surface	
176	surface	
177	surface	
178	surface	
179	surface	
180	surface	
181	surface	
182	caliche control sample 1	
183	caliche control sample 2	
184	caliche control sample 3	
185	48"	

186	28"	4" into caliche
187	40"	4" into caliche
188	24"	
189	80"	top of caliche
190	72"	top of caliche
191	72"	top of caliche
192	54"	
193	48"	top of caliche
194	20"	4" into caliche
195	42"	top of caliche
196	72"	
197	36"	
198	36"	12" into caliche
199	80"	
200	60"	

Attachment 5 – Site Photos



Location:	Start of spill
Date:	2/26/2024
Photo Direction:	North



Location:	Spill on ROW
Date:	2/26/2024
Photo Direction:	East



Location:	Spill on ROW
Date:	2/26/2024
Photo Direction:	North



Location:	Start of drainage cleanup
Date:	2/28/2024
Photo Direction:	South





Location:	Start of drainage cleanup	Location:	Start of drainage cleanup
Date:	2/28/2024	Date:	2/28/2024
Photo Direction:	South	Photo Direction:	South





Location:	Start of drainage cleanup	Location:	Start of drainage cleanup
Date:	2/29/2024	Date:	2/29/2024
Photo Direction:	North	Photo Direction:	South





Location:	Start of cleanup ROW	Location:	Start of cleanup header
Date:	3/04/2024	Date:	3/04/2024
Photo Direction:	North	Photo Direction:	North





Location:	Start of cleanup ROW	Location:	Start of cleanup ROW
Date:	3/04/2024	Date:	3/05/2024
Photo Direction:	South	Photo Direction:	North

			
Location:	Start of cleanup drainage	Location:	Start of cleanup drainage
Date:	3/05/2024	Date:	3/05/2024
Photo Direction:	South	Photo Direction:	North

			
Location:	Start of cleanup drainage	Location:	Start of cleanup drainage
Date:	3/05/2024	Date:	3/05/2024
Photo Direction:	South	Photo Direction:	North

Attachment 6 – Environmental Drill Report

ESI - Pilot Water Solutions

Robert A. Meyer <rmeyer@talonlpe.com>
Tue 9/3/2024 2:20 PM
To:Lisa Paulek <lisa@eis-llc.com>
Cc:Mindy Paulek <Mindy@eis-llc.com>;TJ Haley <thaley@talonlpe.com>;Cheyenne Chambers <cchambers@talonlpe.com>;Miles Sorbel <msorbel@talonlpe.com>

Lisa,

On 8/27/2024, a soil boring was drilled using direct air rotary drilling methods to 105 ft bgs, pursuant to New Mexico Office of the State Engineer (NM OSE) permit file number C04868.

While drilling, the driller identified the following lithology:

1. – Red Sand

1-4 – Sandstone/Cemented sand
4-22 – Caliche with sand
22-59 – Red sandy gravel with clay nodules
59-82 – Caliche with sand
82-105 – Red clay

No immediately observable water was identified in the cuttings (all cuttings were dry)

Upon reaching terminal depth (TD) of 105 ft bgs, the driller operating under my license, NM 1868, turned off the air supply to trip the drill string out of the hole. During these efforts, pulling the tooling from 105 ft bgs to 65 ft bgs was extraordinarily difficult indicated borehole collapse. When the borehole was empty, the driller tagged the depth of the borehole, identifying that it had collapsed to approximately 82 ft bgs. The following day, we attempted to clear the hole, but during the redrill efforts, it was identified that 2-3X the appropriate cutting volume was being generated from drilling compared to the rate of penetration. I stopped work and had the driller remove the rig from the borehole due to a concern of generating a near surface deformation as a result of borehole erosion. The hole was then backfilled in accordance with the permit.

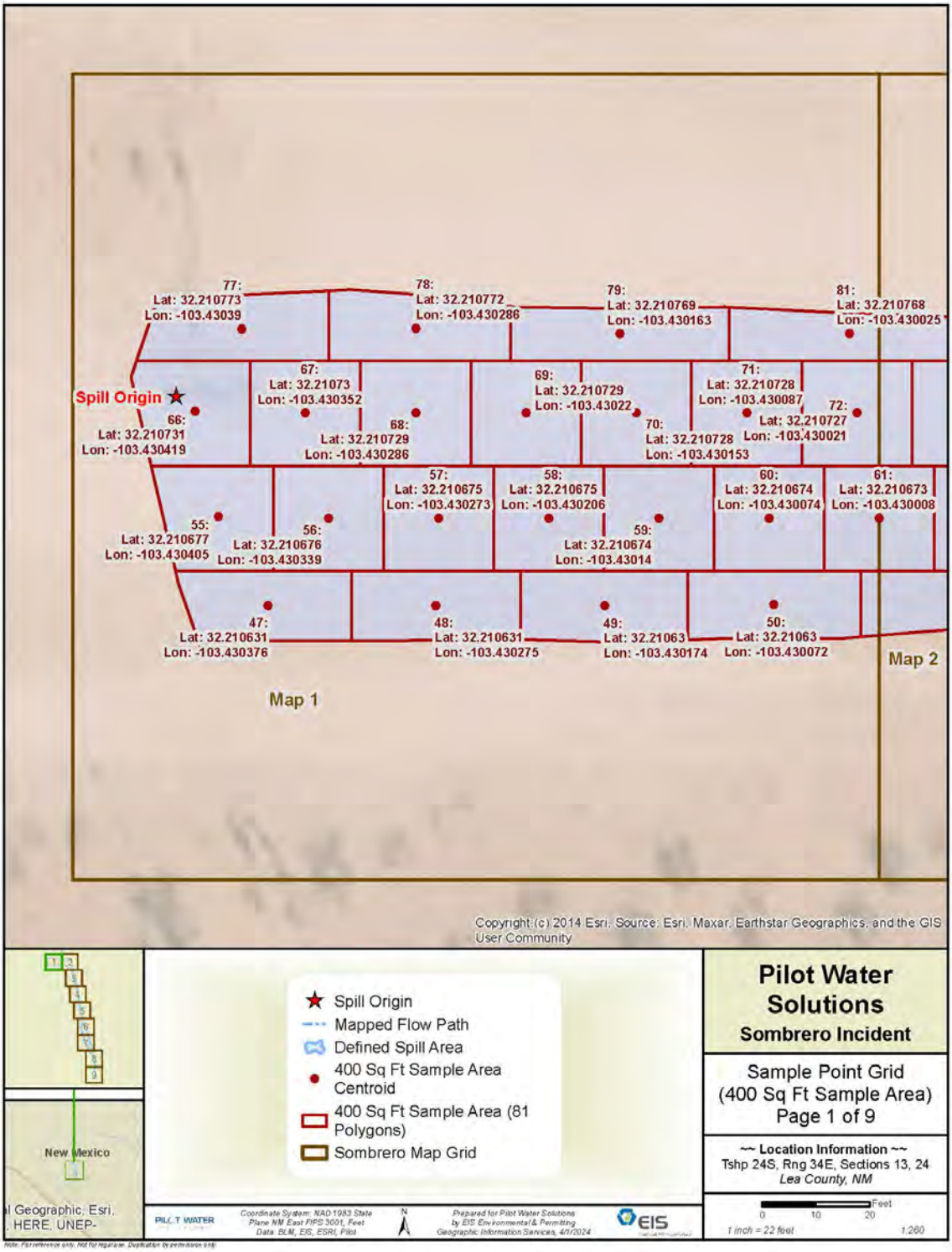
Please let me know if you have any further questions

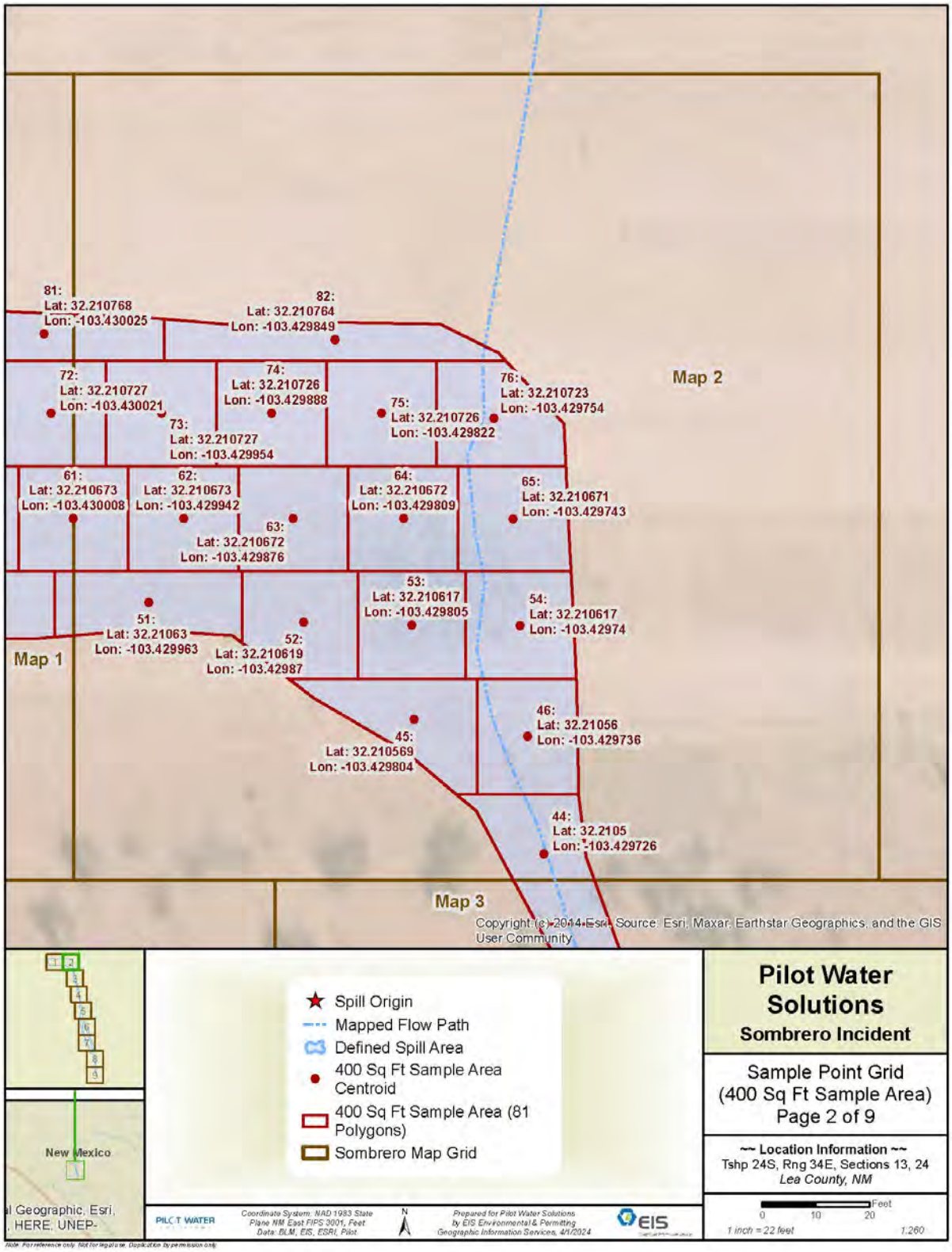
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Emergency: 866.742.0142
Web: [www.talonlpe.com]www.talonlpe.com

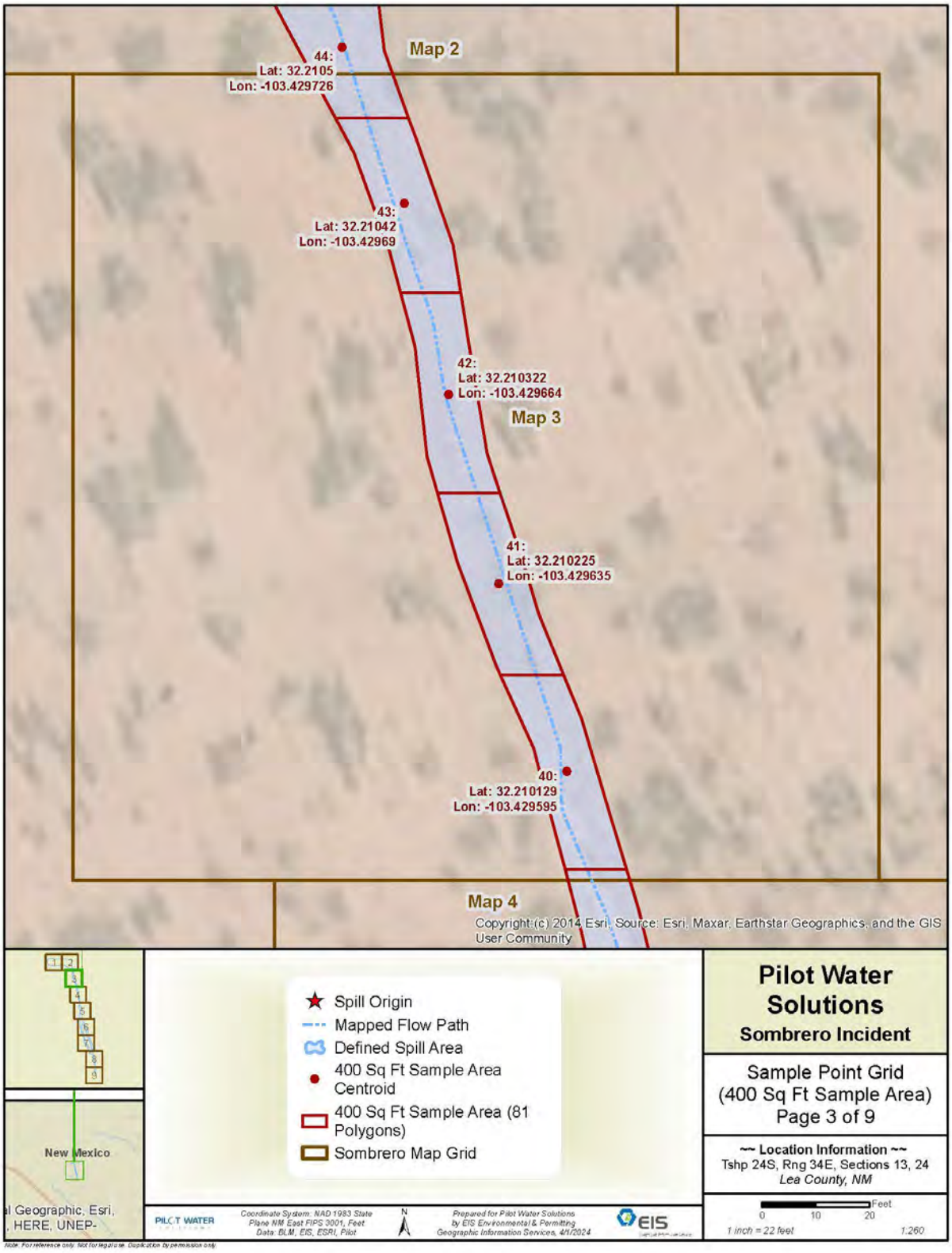


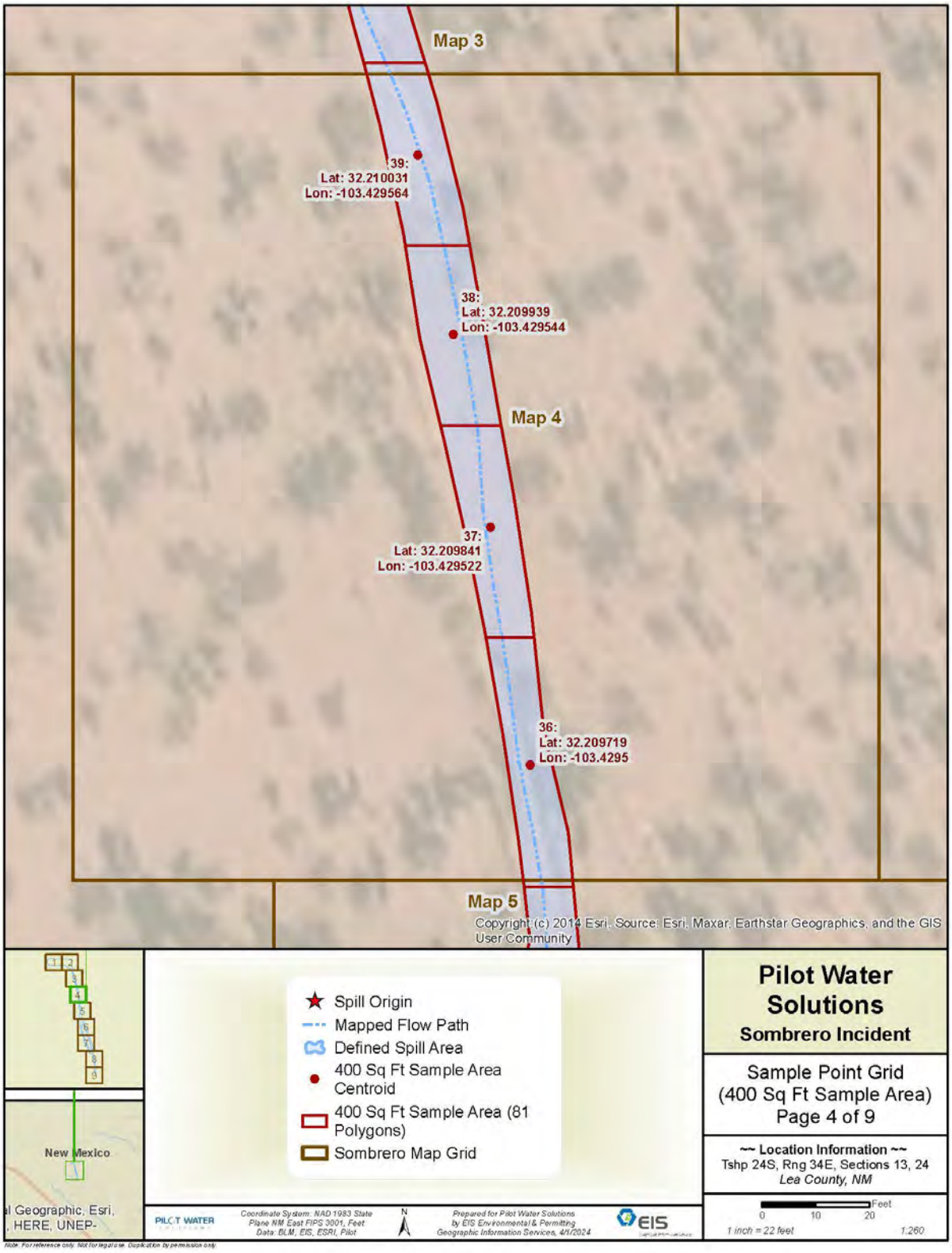
At Talon/LPE, we are quality in all things, including communication. Have a question? Need a quote? Send an email to clientrelations@talonlpe.com

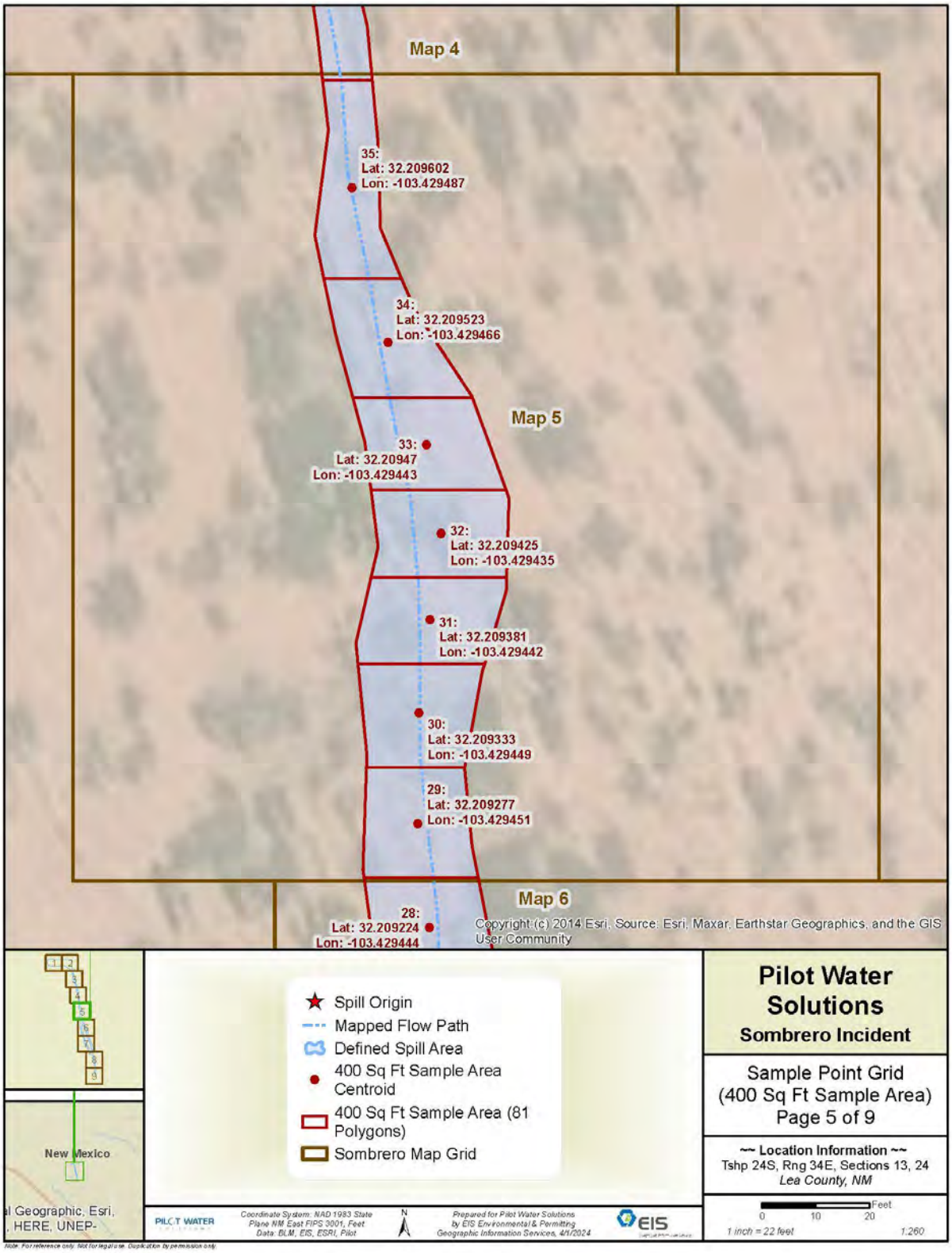
Attachment 7 – Proposed Soil Sampling Map and Contaminated Area

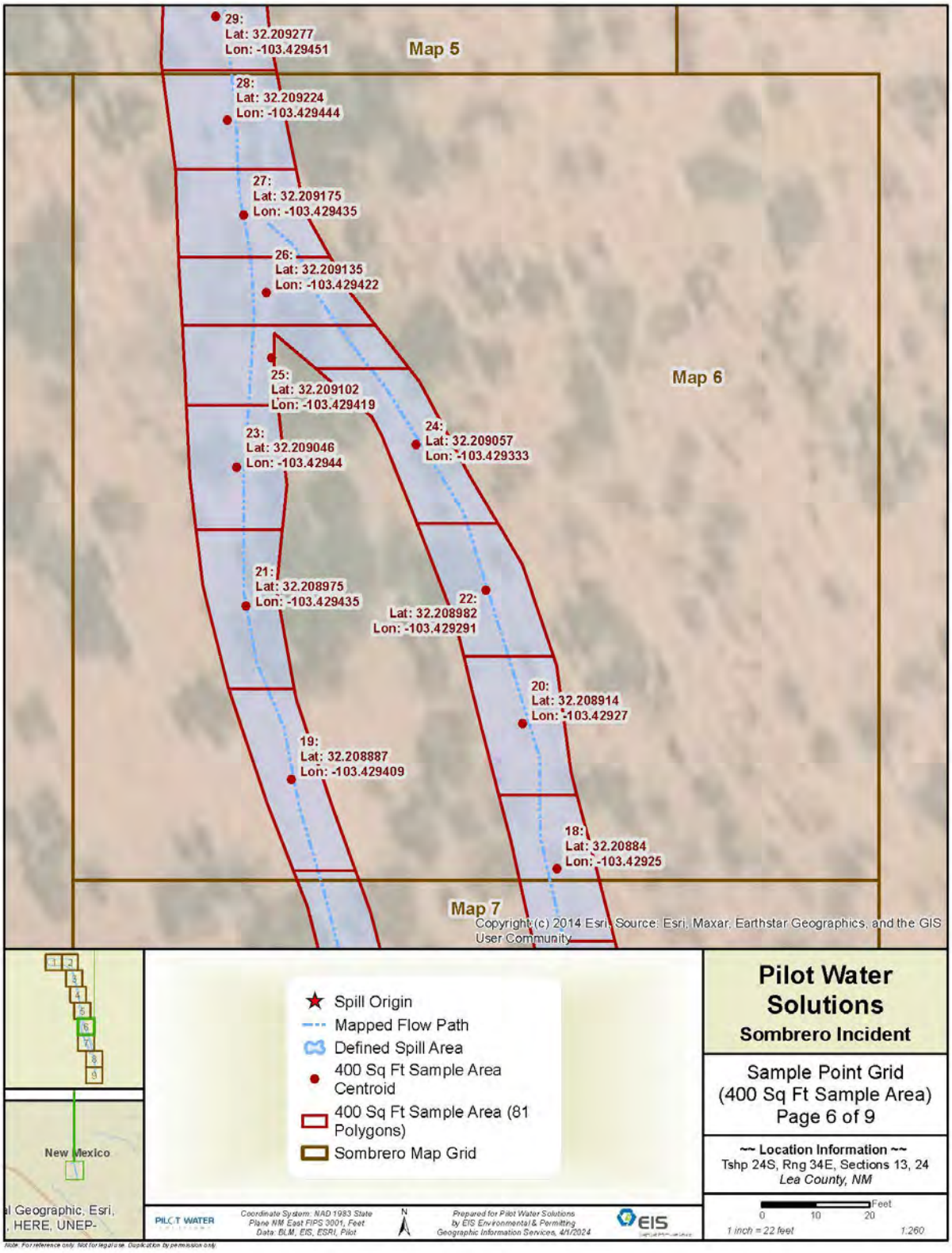


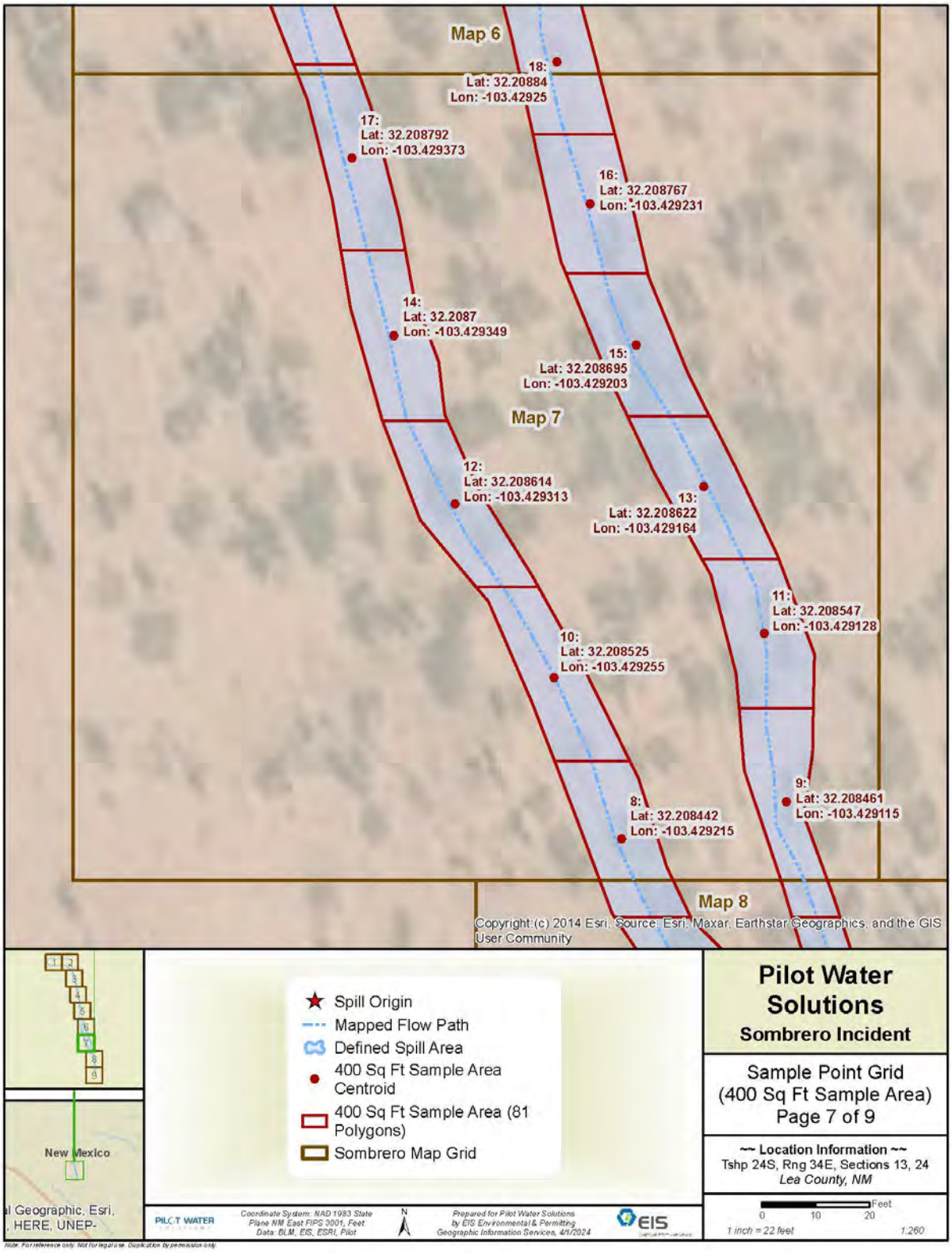

81:
Lat: 32.210768
Lon: -103.430025
82:
Lat: 32.210764
Lon: -103.429849
72:
Lat: 32.210727
Lon: -103.430021
74:
Lat: 32.210726
Lon: -103.429888
73:
Lat: 32.210727
Lon: -103.429954
75:
Lat: 32.210726
Lon: -103.429822
76:
Lat: 32.210723
Lon: -103.429754
Map 2
61:
Lat: 32.210673
Lon: -103.430008
62:
Lat: 32.210673
Lon: -103.429942
63:
Lat: 32.210672
Lon: -103.429876
64:
Lat: 32.210672
Lon: -103.429809
65:
Lat: 32.210671
Lon: -103.429743
53:
Lat: 32.210617
Lon: -103.429805
54:
Lat: 32.210617
Lon: -103.42974
51:
Lat: 32.21063
Lon: -103.429963
52:
Lat: 32.210619
Lon: -103.42987
Map 1
46:
Lat: 32.21056
Lon: -103.429736
45:
Lat: 32.210569
Lon: -103.429804
44:
Lat: 32.2105
Lon: -103.429726
Map 3
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Spill Origin
Mapped Flow Path
Defined Spill Area
400 Sq Ft Sample Area Centroid
400 Sq Ft Sample Area (81 Polygons)
Sombrero Map Grid
New Mexico
Pilot Water Solutions
Sombrero Incident
Sample Point Grid
(400 Sq Ft Sample Area)
Page 2 of 9
~~ Location Information ~~
Tshp 24S, Rng 34E, Sections 13, 24
Lea County, NM
Feet
0 10 20
1 inch = 22 feet
1:260
Coordinate System: NAD 1983 State Plane NM East FIPS 3001, Feet
Data: BLM, EIS, ESRI, Pilot
Prepared for Pilot Water Solutions by EIS Environmental & Permitting Geographic Information Services, 4/1/2024
EIS

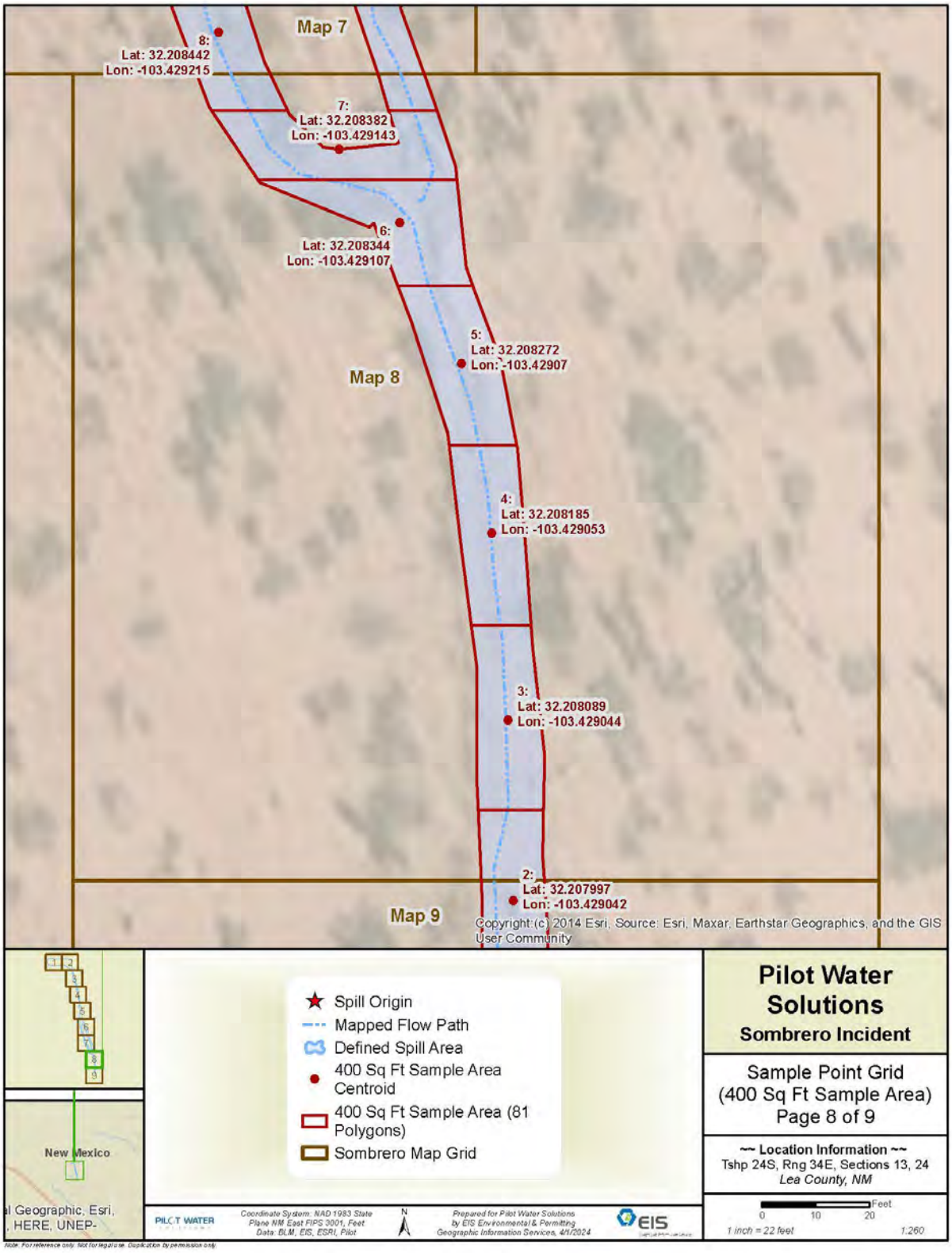

Map 2
44:
Lat: 32.2105
Lon: -103.429726
43:
Lat: 32.21042
Lon: -103.42969
42:
Lat: 32.210322
Lon: -103.429664
Map 3
41:
Lat: 32.210225
Lon: -103.429635
40:
Lat: 32.210129
Lon: -103.429595
Map 4
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Spill Origin
Mapped Flow Path
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400 Sq Ft Sample Area Centroid
400 Sq Ft Sample Area (81 Polygons)
Sombrero Map Grid
New Mexico
Pilot Water Solutions
Sombrero Incident
Sample Point Grid (400 Sq Ft Sample Area)
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Feet
0
10
20
1 inch = 22 feet
1:260

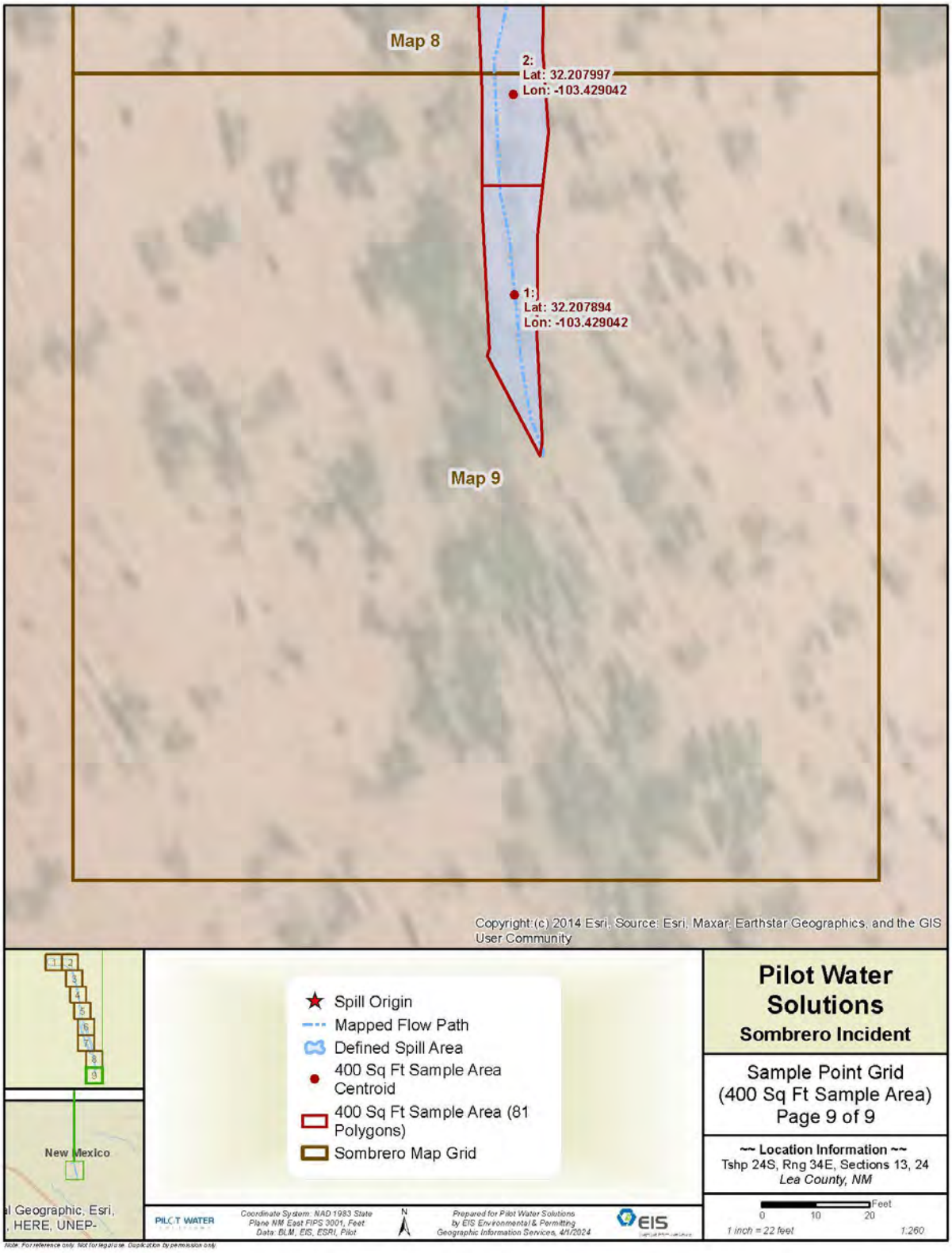

Map 3
39:
Lat: 32.210031
Lon: -103.429564
38:
Lat: 32.209939
Lon: -103.429544
Map 4
37:
Lat: 32.209841
Lon: -103.429522
36:
Lat: 32.209719
Lon: -103.4295
Map 5
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Mapped Flow Path
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400 Sq Ft Sample Area Centroid
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Map 4
35:
Lat: 32.209602
Lon: -103.429487
34:
Lat: 32.209523
Lon: -103.429466
Map 5
33:
Lat: 32.20947
Lon: -103.429443
32:
Lat: 32.209425
Lon: -103.429435
31:
Lat: 32.209381
Lon: -103.429442
30:
Lat: 32.209333
Lon: -103.429449
29:
Lat: 32.209277
Lon: -103.429451
Map 6
28:
Lat: 32.209224
Lon: -103.429444
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Spill Origin
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400 Sq Ft Sample Area Centroid
400 Sq Ft Sample Area (81 Polygons)
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29:
Lat: 32.209277
Lon: -103.429451
Map 5
28:
Lat: 32.209224
Lon: -103.429444
27:
Lat: 32.209175
Lon: -103.429435
26:
Lat: 32.209135
Lon: -103.429422
25:
Lat: 32.209102
Lon: -103.429419
Map 6
24:
Lat: 32.209057
Lon: -103.429333
23:
Lat: 32.209046
Lon: -103.42944
21:
Lat: 32.208975
Lon: -103.429435
22:
Lat: 32.208982
Lon: -103.429291
20:
Lat: 32.208914
Lon: -103.42927
19:
Lat: 32.208887
Lon: -103.429409
18:
Lat: 32.20884
Lon: -103.42925
Map 7
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New Mexico
Spill Origin
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400 Sq Ft Sample Area Centroid
400 Sq Ft Sample Area (81 Polygons)
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EIS


Map 6
18:
Lat: 32.20884
Lon: -103.42925
17:
Lat: 32.208792
Lon: -103.429373
16:
Lat: 32.208767
Lon: -103.429231
14:
Lat: 32.2087
Lon: -103.429349
15:
Lat: 32.208695
Lon: -103.429203
Map 7
12:
Lat: 32.208614
Lon: -103.429313
13:
Lat: 32.208622
Lon: -103.429164
11:
Lat: 32.208547
Lon: -103.429128
10:
Lat: 32.208525
Lon: -103.429255
9:
Lat: 32.208461
Lon: -103.429115
8:
Lat: 32.208442
Lon: -103.429215
Map 8
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Spill Origin
Mapped Flow Path
Defined Spill Area
400 Sq Ft Sample Area Centroid
400 Sq Ft Sample Area (81 Polygons)
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Sombrero Incident
Sample Point Grid (400 Sq Ft Sample Area)
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Feet
0 10 20
1 inch = 22 feet
1:260


Map 7
8:
Lat: 32.208442
Lon: -103.429215
7:
Lat: 32.208382
Lon: -103.429143
6:
Lat: 32.208344
Lon: -103.429107
5:
Lat: 32.208272
Lon: -103.42907
Map 8
4:
Lat: 32.208185
Lon: -103.429053
3:
Lat: 32.208089
Lon: -103.429044
2:
Lat: 32.207997
Lon: -103.429042
Map 9
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New Mexico
Spill Origin
Mapped Flow Path
Defined Spill Area
400 Sq Ft Sample Area Centroid
400 Sq Ft Sample Area (81 Polygons)
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Feet
0 10 20
1 inch = 22 feet
1:260


Map 8
2:
Lat: 32.207997
Lon: -103.429042
1:
Lat: 32.207894
Lon: -103.429042
Map 9
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New Mexico
Spill Origin
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400 Sq Ft Sample Area (81 Polygons)
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1:260

Sante Fe Main Office
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 543678

QUESTIONS

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 543678
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2405746227**
Incident Name	**NAPP2405746227 COG SOMBRERO HEADER @ M-13-24S-34E 193S 575W**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**

Location of Release Source *Please answer all the questions in this group.*	
Site Name	COG SOMBRERO HEADER
Date Release Discovered	02/25/2024
Surface Owner	Private

Incident Details *Please answer all the questions in this group.*	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release *Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Injection Header | Produced Water | Released: 35 BBL | Recovered: 0 BBL | Lost: 35 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 543678
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	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	On 2/27/2024 crews will be onsite to establish berms and collect all free liquids and remove all visibly contaminated soils.

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: Ethan Sessums Title: Environmental Regulatory Director NM Email: Ethan.Sessums@standardtx.com Date: 01/15/2026

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QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 543678
	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 100 and 500 (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	Zero feet, overlying, or within area
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 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (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	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

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)	37500
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	549
GRO+DRO (EPA SW-846 Method 8015M)	264
BTEX (EPA SW-846 Method 8021B or 8260B)	0.1
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	05/26/2025
On what date will (or did) the final sampling or liner inspection occur	08/08/2025
On what date will (or was) the remediation complete(d)	09/05/2025
What is the estimated surface area (in square feet) that will be reclaimed	40000
What is the estimated volume (in cubic yards) that will be reclaimed	5780
What is the estimated surface area (in square feet) that will be remediated	40000
What is the estimated volume (in cubic yards) that will be remediated	5780
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: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 543678
	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	No
OR is the **off-site** disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
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: Ethan Sessums Title: Environmental Regulatory Director NM Email: Ethan.Sessums@standardtx.com Date: 01/15/2026
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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Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 543678
	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: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 543678
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QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**492017**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**08/11/2025**
What was the (estimated) number of samples that were to be gathered	**50**
What was the sampling surface area in square feet	**4600**

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	40000
What was the total volume (cubic yards) remediated	5780
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	45000
What was the total volume (in cubic yards) reclaimed	5780
Summarize any additional remediation activities not included by answers (above)	Reclamation area was larger than remediation area due to backfill staging. All areas that were affected during the remediation process will be reclaimed and seeded.

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: Ethan Sessums Title: Environmental Regulatory Director NM Email: Ethan.Sessums@standardtx.com Date: 01/15/2026

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QUESTIONS (continued)

Operator:	OGRID:
OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	308339
	Action Number: 543678
	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: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 543678
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Final remediation closure report is approved. Variance to forgo Table I of 19.15.29.12 NMAC is acceptable below four (4) feet below grade for chlorides. Released resolved.	3/9/2026