

Released Volume Calculation

Length	154 feet
Width	31 feet
Thickness	0.5 in

2,387 gal = 57 Est. Total Bbls Released

Volume = L*W*T

Total Released Volume = 2,387 gallons (US, dry)
57 Bbls

Release volume is unknown but is estimated based on size of barren area.



Remediation Summary and Closure Request

October 11, 2025

**Bagley SWD #004, Area 8
API 30-025-01015
Historical Produced Water Release
Incident No. nAPP2509980836
Lea County, New Mexico**

Prepared For:

BXP Operating, LLC
11757 Katy Freeway, Suite 475
Houston, Texas 77079

Prepared By:

Crain Environmental
2925 East 17th Street
Odessa, Texas 79761

A handwritten signature in blue ink that reads 'Cynthia K. Crain'.

Cynthia K. Crain, P.G.



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1.0 Introduction

Crain Environmental (CE), on behalf of BXP Operating, LLC (BXP), has prepared this Remediation Summary and Closure Report for the produced water release at Bagley SWD #004, Area 8 (Site), located in in Unit Letter N, Section 35, Township 11 South, Range 33 East, Lea County, New Mexico, at Global Positioning Coordinates (GPS) 33.316191, -103.587944. The property surface rights are owned by the State of New Mexico.

The Bagley SWD #004 is located approximately 17 miles northwest of Tatum, New Mexico, in an area of oil and gas activity, cattle grazing, and sparse vegetation.

The site can be accessed by traveling west from Tatum, New Mexico on Highway 380 for 15.23 miles to County Road 457. Travel south on 457 for 1.23 miles and west for 0.82 miles to Bagley Field Road. Continue west on Bagley Field Road for 0.64 miles to the site on the north side of the road. There are no locked gates or other access issues. Figure 1 shows the site location.

2.0 Background

On October 21, 2024, BXP received an email from the New Mexico State Land Office (NMSLO) Environmental Compliance Office (ECO) stating there was an open Incident (#nDEV1776) from 1993 with the New Mexico Oil Conservation Division (NMOCD), and an NMOCD compliance inspection (cEZB2328943265) from October 2023 that indicated spills and releases at the site that had not been resolved. A Site Assessment Workplan was submitted to the ECO on October 28, 2024, and was approved on November 6, 2024. Site assessment activities were conducted in the tank battery and eight barren areas of the Lease on November 20, 2024, and sample results were submitted to ECO via email on December 16, 2024.

Notifications of Release (NOR) for each of the nine areas were submitted to the NMOCD on April 9, 2025, and the following Incident numbers were assigned:

- nAPP2509976410 (Area 1)
- nAPP2509977675 (Area 2)
- nAPP2509978375 (Area 3)
- nDEV1776 (Area 4)
- nAPP2509978939 (Area 5)
- nAPP2509979883 (Area 6)
- nAPP2509980372 (Area 7)
- nAPP2509980836 (Area 8)
- nAPP2509974572 (Area 9)



Figure 2 shows the areas of investigation with the respective Incident numbers.

A Site Characterization Report and Remediation Workplan was submitted to the NMOCD on April 10, 2025, for Incident #nDEV1776, and was denied on April 22, 2025, for the following reasons:

- Horizontal delineation submitted was incomplete and did not meet requirements of 19.15.29.11 NMAC.
- Incident nDEV1776 (Area 4) has not been fully delineated, horizontally or vertically.
- The current samples within Area 4, nDEV1776, do not meet 19.15.29.11 NMAC for horizontal and vertical delineation.
- Deferral request for nDEV1776 (Area 4) will not be granted. Depth to groundwater is at 43 feet.
- If P&A activities are going to impact remediation activities for nDEV1776, Area 4, address how activities will be coordinated in the remediation workplan. Provide a detailed timeline when remediation is to begin and conclude.
- Submit a remediation workplan via the OCD permitting portal by July 21, 2025.

A Revised Site Characterization Report and Remediation Workplan was prepared in accordance with 19.15.29.11 New Mexico Administrative Code (NMAC) and was submitted to the NMOCD on April 26, 2025. As horizontal and vertical delineation activities during excavation/remediation activities are commonly approved by the NMOCD, BXP elected to conduct horizontal and vertical delineation activities during excavation/remediation. As BXP does not have a definite timeline for plugging and abandonment (P&A) of the Bagley SWD #004 well, and the tank battery is being used for other wells in addition to the Bagley SWD #004, references to P&A and deferral of remediation at the tank battery were removed from the Revised Workplan (Workplan).

As remediation of each Incident # included in the Workplan will be completed in sequential order, each has the same Closure Criteria, remediation at each will be conducted by dig and haul methods, and horizontal and vertical delineation will be completed at each Incident during excavation/remediation, all Incidents associated with the Bagley SWD #004 were included in the Revised Site Characterization Report and Remediation Workplan, and on April 26, 2025, the Revised Workplan was submitted to the NMOCD for each Incident listed above.

The Revised Workplan was approved by the NMOCD on May 6, 2025, and reports were requested to be submitted by August 4, 2025. On August 2, 2025, an 180-day extension to submit Closure Reports for Areas 1, 2, 4, 7, 8, and 9 was submitted to the NMOCD. On August 4, 2025, the NMOCD approved a 90-day extension until November 3, 2025. A copy of the NMOCD correspondence is included in Appendix A.



This Remediation Summary and Closure Report for Area 8, Incident #nAPP2509980836, has been prepared in accordance with 19.15.29.11 NMAC and is being submitted prior to the NMOCD due date.

3.0 NMOCD Closure Criteria

Cleanup standards for produced water spills are provided in 19.15.29 NMAC. The cleanup standards (described in the rule as “Closure Criteria”) are based primarily on depth to groundwater but are also based on other criteria. Three different Closure Criteria are provided in the rule. The most stringent apply to sites where groundwater is found within 50 feet of the ground surface or if the release occurred within one of the following areas:

- Within 300 feet of any continuously flowing watercourse or any other significant watercourse.
- Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary highwater mark).
- Within 300 feet from an occupied permanent residence, school, hospital, institution or church.
- Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes.
- Within 1,000 feet of any fresh water well or spring.
- Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to Section 3-27-3 NMSA 1978 as amended.
- Within 300 feet of a wetland.
- Within the area overlying a subsurface mine.
- Within an unstable area such as a karst formation.
- Within a 100-year floodplain.

CE reviewed available information to determine the Closure Criteria for the Site. The findings of this evaluation are summarized below.

3.1 Groundwater Evaluation

A review of the New Mexico Office of the State Engineer (NMOSE) records indicated several water wells located within a 0.5-mile radius of the Site with depth to groundwater provided; however, each well was drilled in the 1950's. CE was able to locate well L-01327 and measured a depth to groundwater of 43.1' below ground surface (bgs) on March 28, 2025. Based on the depth to groundwater in well L-01327, the most stringent NMOCD Closure Criteria will apply to each Incident at the Site. Figure 3 provides a wellhead protection area map that shows the



location of water wells within a 0.5-mile radius of the Site, as recorded with NMOSE. NMOSE water well records with depth to groundwater listed are provided in Appendix B.

3.2 Surface Features and Other Development

CE reviewed recent aerial photographs, topographic maps, the NMOSE Point of Discharge (POD) GIS website, and information available from the Lea County, New Mexico Central Appraisal District website. As shown on Figure 1, the Site is not located:

- Within 300 feet of any continuously flowing watercourse or any other significant watercourse.
 - No continuously flowing watercourses (rivers, streams, arroyos, etc.) are apparent within 300 feet of the Site in the aerial map (Figure 3).
- Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary highwater mark).
 - The aerial map (Figure 3) indicates there is not a lakebed, sinkhole or playa lake located within 200 feet of the Site.
- Within 300 feet from an occupied permanent residence, school, hospital, institution or church.
 - The Site Location Map (Figure 1) and information available from the Lea County, New Mexico Central Appraisal District do not show or list any permanent residence, school, hospital, institution or church located within 300 feet of the Site.
- Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes.
 - No wells or springs located within 500 feet of the Site appear in any of the NMOSE records reviewed by CE.
- Within 1,000 feet of any fresh water well or spring.
 - No freshwater wells or springs located within 1,000 feet of the Site appear in any of the records reviewed by CE.
- Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to Section 3-27-3 NMSA 1978 as amended.
 - Based on the property and other records review by CE, the Site is not located in incorporated municipal boundaries or within a defined municipal fresh water well field.
- Within the area overlying a subsurface mine.
 - Based on the property and other records reviewed by CE, the Site is not located within an area overlying a subsurface mine.



3.3 Wetlands, Floodplain, and Karst Geology

A review of the United States Fish and Wildlife Service (USFWS) wetlands map indicated the Site is not located within 300 feet of a wetland. The New Mexico Bureau of Land Management (BLM) karst potential map indicates the Site is located within a “low karst potential” area. Finally, review of the Federal Emergency Management Act (FEMA) floodplain map indicates the release at the Site is located outside of a 100-year floodplain. Figures 4, 5, and 6 depict the USFWS map, the FEMA floodplain map, and the karst potential map, respectively.

3.4 Closure Criteria Currently Assumed Applicable to the Site

A review of the New NMOSE records indicated several water wells located within a 0.5-mile radius of the Site with depth to groundwater provided; however, each well was drilled in the 1950’s. CE was able to locate well L-01327 (located 1,279 feet west of Bagley SWD #004) and measured a depth to groundwater of 43.1’ bgs on March 28, 2025.

Based on the depth of groundwater in well L-01327, the most stringent NMOCD Closure Criteria associated with groundwater depths of less than 50 feet bgs will apply to each Incident at the Bagley SWD #004. A summary of the Closure Criteria is provided in the table below and in Table 1. Figure 3 provides a wellhead protection area map that shows the location of water wells within a 0.5-mile radius of the Site, as recorded with NMOSE. NMOSE water well records with depth to groundwater listed are provided in Appendix B.

NMOCD Closure Criteria

Constituent of Concern		Closure Criteria Based on Depth to Groundwater (mg/kg)		
		≤ 50 feet bgs	51 feet to 100 feet bgs	> 100 feet bgs
Chloride (EPA 300)		600	10,000	20,000
TPH (EPA 8015M)	GRO + DRO + MRO	100	2,500	2,500
	GRO + DRO	NA	1,000	1,000
Total BTEX (EPA 8021 or 8260)		50	50	50
Benzene (EPA 8021 or 8260)		10	10	10

Notes: NA = not applicable
 bgs = below ground surface
 mg/kg = milligrams per kilogram
 GRO = gasoline range organics
 DRO = diesel range organics
 MRO = motor oil range organics
 TPH = total petroleum hydrocarbons
 BTEX = benzene, toluene, ethylbenzene, and total xylenes
 Green highlighted cells denote applicable Closure Criteria.



4.0 Site Assessment/Characterization Results

As per 19.15.29.11 NMAC, a Site Characterization Report will have the components described in Sections 4.1 through 4.5 of this document.

4.1 Site Map

As required by 19.15.29.11 NMAC, a scaled diagram showing significant Site infrastructure, sample point locations, and known subsurface features such as utilities are provided on Figures 2 and 7.

4.2 Depth to Groundwater

As discussed in Section 3.1, a depth to groundwater of 43.1' bgs was measured in well L-01327 (located 1,279 feet west of Bagley SWD #004) on March 28, 2025.

4.3 Wellhead Protection Area

The 0.5-mile wellhead protection area is shown on Figure 3. There were no other water sources, springs, or other sources of freshwater extraction identified within 0.5-mile of the Site.

4.4 Distance to Nearest Significant Watercourse

The horizontal distance to the nearest significant watercourse as defined in Subsection P of 19.15.17.7 NMAC is greater than 0.5-mile from the Site.

4.5 Summary of Remediation Activities

As sample locations include areas located in previously disturbed areas, compliance with the Cultural Properties Protection (CPP) rule will apply, and an Archaeological Survey has been conducted. The Survey Cover Sheet for NMCRIS Activity Number 157575 is included as Appendix C.

A biological desktop review was conducted, and no critical habitats were found in proximity to the subject Site. A copy of the U.S. Fish & Wildlife Service database review is included as Appendix D.

Following approval of the *Revised Site Characterization Report and Remediation Workplan* on May 6, 2025, excavation was conducted until five-point composite samples were collected from the bottom (B-1 through B-17) and sidewalls (S-1 through S-24) of the excavation on August 4, 2025.



All confirmation samples were placed in laboratory prepared containers, properly labeled, immediately placed on ice, and hand delivered to Eurofins Environment Testing (Eurofins) in Midland, Texas for analysis of total petroleum hydrocarbons (TPH) by EPA Method 8015 Modified, benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chlorides by EPA Method 300.0.

Table 1 provides a summary of laboratory results. Figure 7 shows the sample locations. Appendix E provides a copy of the laboratory report and chain of custody documentation. Appendix F provides a photographic log of site assessment activities.

Referring to Table 1, concentrations of benzene, BTEX, TPH, and chlorides were reported below the test method detection limits or Closure Criteria in each sample.

The dimensions of the final excavation measured 145' x 20' and covered a surface area of 2,900 square feet. All samples collected at the bottom of the excavation were at a depth of 3' bgs. All affected soil has been excavated, and 260 cubic yards (cy) of soil were hauled to GM, Inc. for disposal from August 7 to August 11, 2025. Waste Manifests are provided in Appendix G.

4.6 Laboratory Analytical Data Quality Assurance/Quality Control Results

Laboratory data in Report Number 880-61154-1 generated by Eurofins, was reviewed to ensure that reported analytical results met data quality objectives. It was determined by quality control data associated with analytical results that reported concentrations of target analytes are defensible and that measurement data reliability is within the expected limits of sampling and analytical error. All analytical results are usable for characterization of soil at the Site. The laboratory analytical results are provided as Appendix E.

5.0 Closure Request

A total of 260 cy of soil was excavated and hauled to disposal at GM, Inc. All confirmation samples collected from the bottom and sidewalls of the excavation reported TPH, Benzene, BTEX, and chloride concentrations below the NMOCD Closure Criteria. The dimensions of the final excavation measured 145' x 20' and covered a surface area of 2,900 square feet.

Upon NMOCD and ECO approval of this Closure Report, the excavation will be backfilled to grade with non-impacted similar material obtained from a landowner pit. A five-point composite sample will be collected from the backfill material, and will be analyzed for TPH, BTEX, and chlorides.



Pursuant to 19.15.29.13 NMAC, the impacted surface areas will be restored to pre-release conditions. Surface grading will be performed to near original conditions and contoured to prevent erosion and ponding, promote stability, and preserve storm water flow patterns.

Seeding of the backfilled excavation will be conducted during the next favorable growing season. The remediated areas will be re-seeded by seed drill method using the NMSLO Coarse Seed Mix (planted in the amount specified in the pounds live seed (PLS) per acre), and fresh water will be applied for two consecutive weeks following re-seeding.

BXP respectfully requests the closure of Incident #nAPP2509980836.

6.0 Distribution

Copy 1: Mike Bratcher
New Mexico Energy, Minerals, and Natural Resources Department
Oil Conservation Division, District 2
811 S. First Street
Artesia, New Mexico 88210

Copy 2: Environmental Compliance Office
ECO@nmslo.gov



TABLE

Table 1
Summary of Soil Sample Analyses
BXP Operating, LLC
Bagley SWD #004
Area 8 - Incident #nAPP2509980836

Sample ID	Sample Date	Sample Depth (feet bgs)	Soil Status	TPH (GRO)	TPH (DRO)	TPH (MRO)	Total TPH	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Chloride
				milligrams per kilogram (mg/kg)									
NMOCD Closure Criteria				-	-	-	100	10	-	-	-	50	600
S-16 (0-6")	11/20/24	0-6"	In Situ	<14.5	<15.1	<15.1	<15.1	<0.00139	<0.00200	<0.00109	<0.00228	<0.00228	1,980
S-16 (1.5')	11/20/24	1.5'	In Situ	<14.5	<15.1	<15.1	<15.1	<0.00139	<0.00200	<0.00109	<0.00229	<0.00229	1,880
S-17 (0-6")	11/20/24	0-6"	In Situ	<14.5	<15.1	<15.1	<15.1	<0.00139	<0.00199	<0.00108	<0.00228	<0.00228	210
S-17 (1.5')	11/20/24	1.5'	In Situ	<14.5	<15.1	<15.1	<15.1	<0.00140	<0.00201	<0.00109	<0.00229	<0.00229	2,420 F1
Confirmation Samples From Sidewalls of Excavation													
S-1	08/04/25	0-3'	In Situ	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<0.396
S-2	08/04/25	0-3'	In Situ	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3.81 J
S-3	08/04/25	0-3'	In Situ	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	4.51 J
S-4	08/04/25	0-3'	In Situ	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<0.394
S-5	08/04/25	0-3'	In Situ	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	3.81 J
S-6	08/04/25	0-3'	In Situ	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3.87 J
S-7	08/04/25	0-3'	In Situ	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	3.88 J
S-8	08/04/25	0-3'	In Situ	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<0.396
S-9	08/04/25	0-3'	In Situ	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	4.91 J
S-10	08/04/25	0-3'	In Situ	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	5.02 J
S-11	08/04/25	0-3'	In Situ	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<0.397
S-12	08/04/25	0-3'	In Situ	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<0.393
S-13	08/04/25	0-3'	In Situ	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	4.31 J
S-14	08/04/25	0-3'	In Situ	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<0.397
S-15	08/04/25	0-3'	In Situ	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<0.397
S-16	08/04/25	0-3'	In Situ	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<0.393
S-17	08/04/25	0-3'	In Situ	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	3.69 J
S-18	08/04/25	0-3'	In Situ	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<0.397
S-19	08/04/25	0-3'	In Situ	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	4.62 J
S-20	08/04/25	0-3'	In Situ	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	4.93 J
S-21	08/04/25	0-3'	In Situ	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5.34 J
S-22	08/04/25	0-3'	In Situ	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	4.25 J
S-23	08/04/25	0-3'	In Situ	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<0.391
S-24	08/04/25	0-3'	In Situ	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3.37 J
Confirmation Samples From Bottom of Excavation													
B-1	08/04/25	3'	In Situ	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	3.57 J
B-2	08/04/25	3'	In Situ	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2.59 J
B-3	08/04/25	3'	In Situ	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	0.00216	<0.00404	<0.00404	<0.394
B-4	08/04/25	3'	In Situ	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3.06 J
B-5	08/04/25	3'	In Situ	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	0.00213	<0.00400	<0.00400	<0.396
B-6	08/04/25	3'	In Situ	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	3.70 J
B-7	08/04/25	3'	In Situ	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	2.70 J
B-8	08/04/25	3'	In Situ	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3.97 J
B-9	08/04/25	3'	In Situ	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	0.00205	<0.00398	<0.00398	2.82 J
B-10	08/04/25	3'	In Situ	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<0.398
B-11	08/04/25	3'	In Situ	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	3.24 J

Table 1
Summary of Soil Sample Analyses
BXP Operating, LLC
Bagley SWD #004
Area 8 - Incident #nAPP2509980836

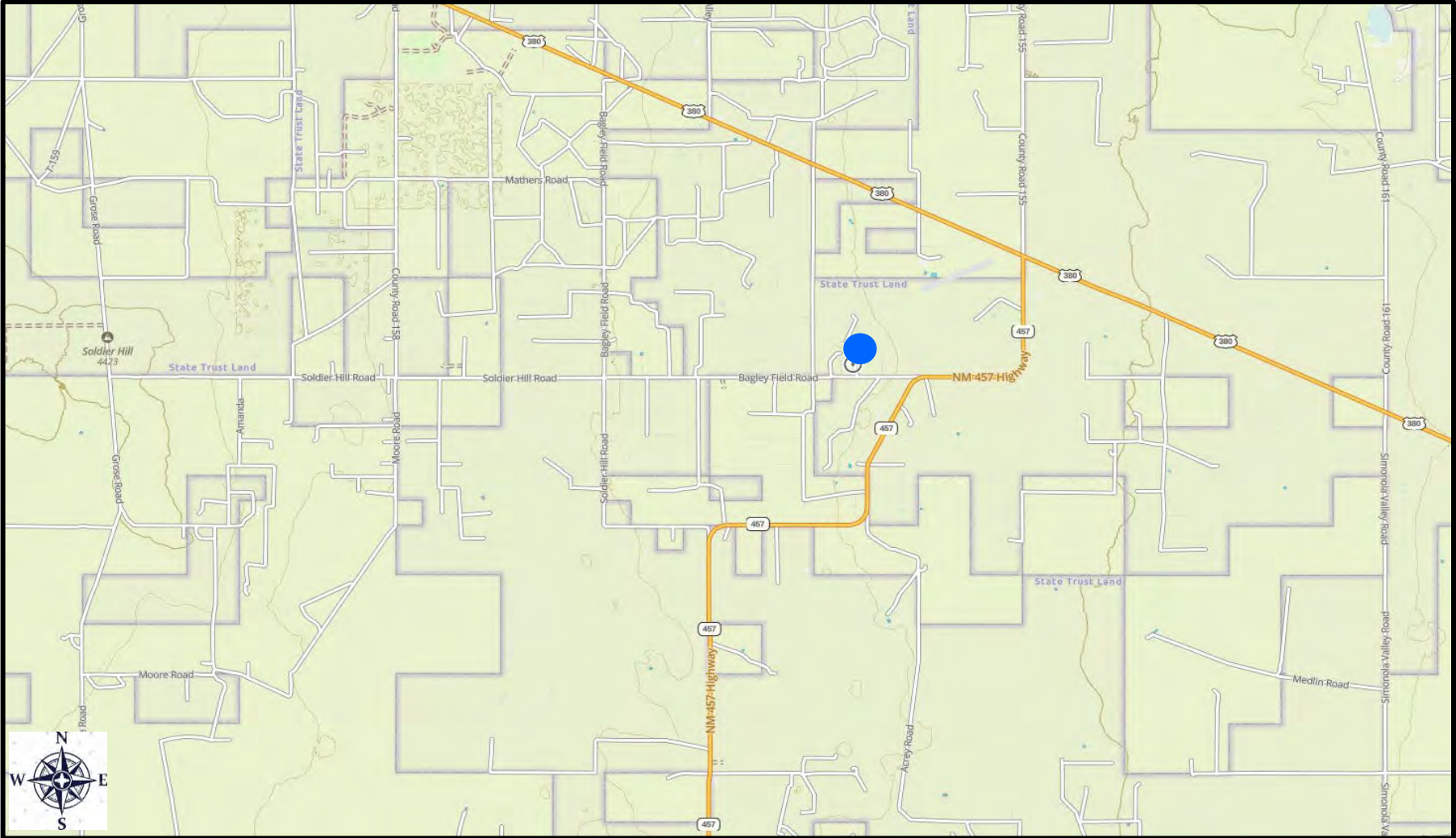
Sample ID	Sample Date	Sample Depth (feet bgs)	Soil Status	TPH (GRO)	TPH (DRO)	TPH (MRO)	Total TPH	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Chloride
				milligrams per kilogram (mg/kg)									
NMOCD Closure Criteria				-	-	-	100	10	-	-	-	50	600
B-12	08/04/25	3'	In Situ	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2.59 J
B-13	08/04/25	3'	In Situ	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	4.14 J
B-14	08/04/25	3'	In Situ	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	5.26 J
B-15	08/04/25	3'	In Situ	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	0.00242	<0.00396	<0.00396	4.20 J
B-16	08/04/25	3'	In Situ	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	4.41 J
B-17	08/04/25	3'	In Situ	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	3.35 J

Notes:

1. GRO: Gasoline Range Organics
2. DRO: Diesel Range Organics
3. MRO: Motor Oil Range Organics
4. bgs: below ground surface
5. Bold and highlighting indicates the COC was detected above the NMOCD Closure Criteria.
6. < indicates the COC was below the appropriate laboratory method/sample detection limit
7. Yellow highlighting indicates the COC concentration exceeds the NMOCD Closure Criteria
8. Green highlighting indicates soil was excavated and disposed.
9. F1: MS and/or MSD recovery exceeds control limits.
10. J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.



FIGURES



LEGEND:

 Site Location

Base Map from GAIA GPS

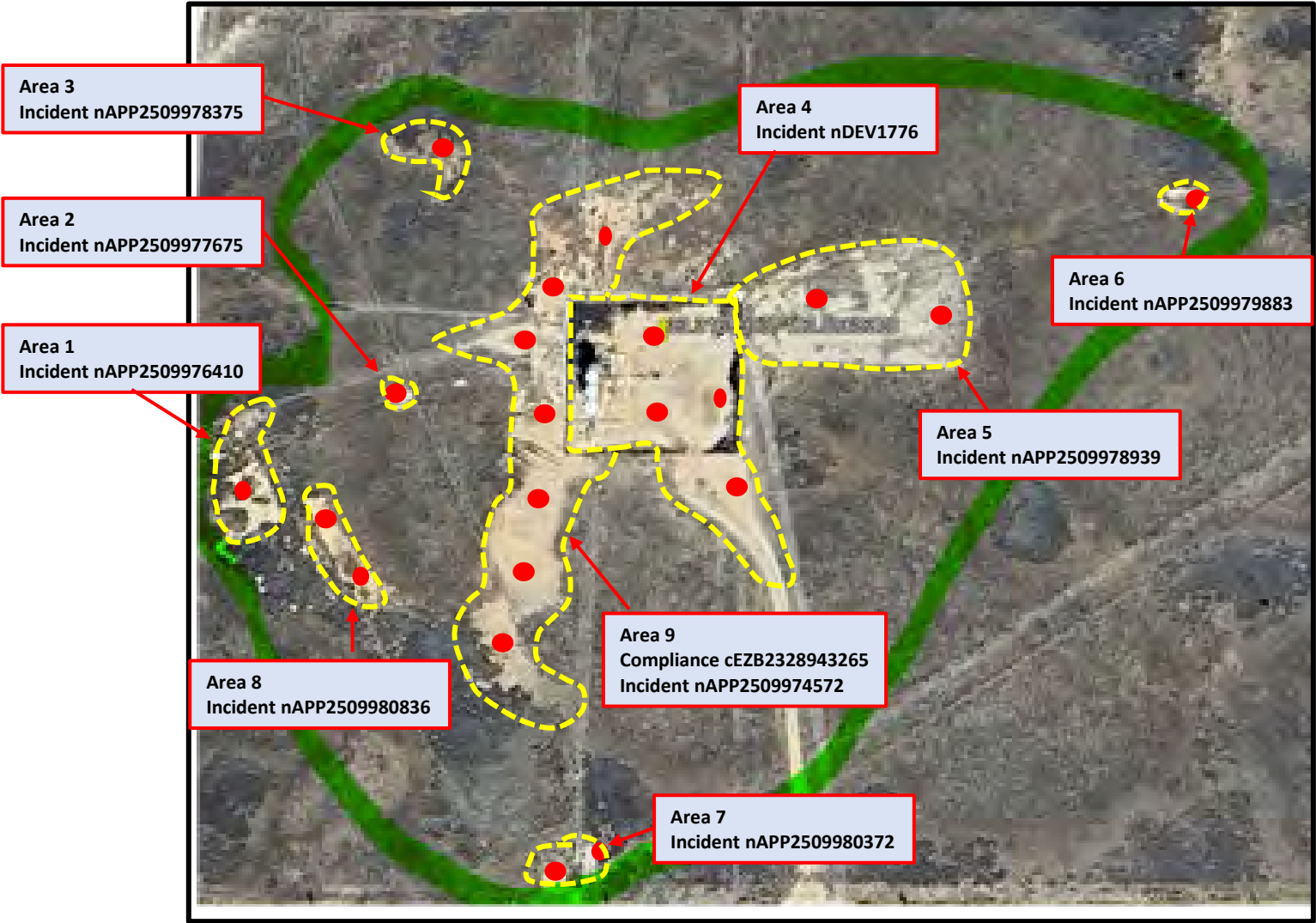
Figure 1
Site Location Map
BXP Operating, LLC
Bagley SWD #004
Lea County, New Mexico

Drafted by: CC | Checked by: CC

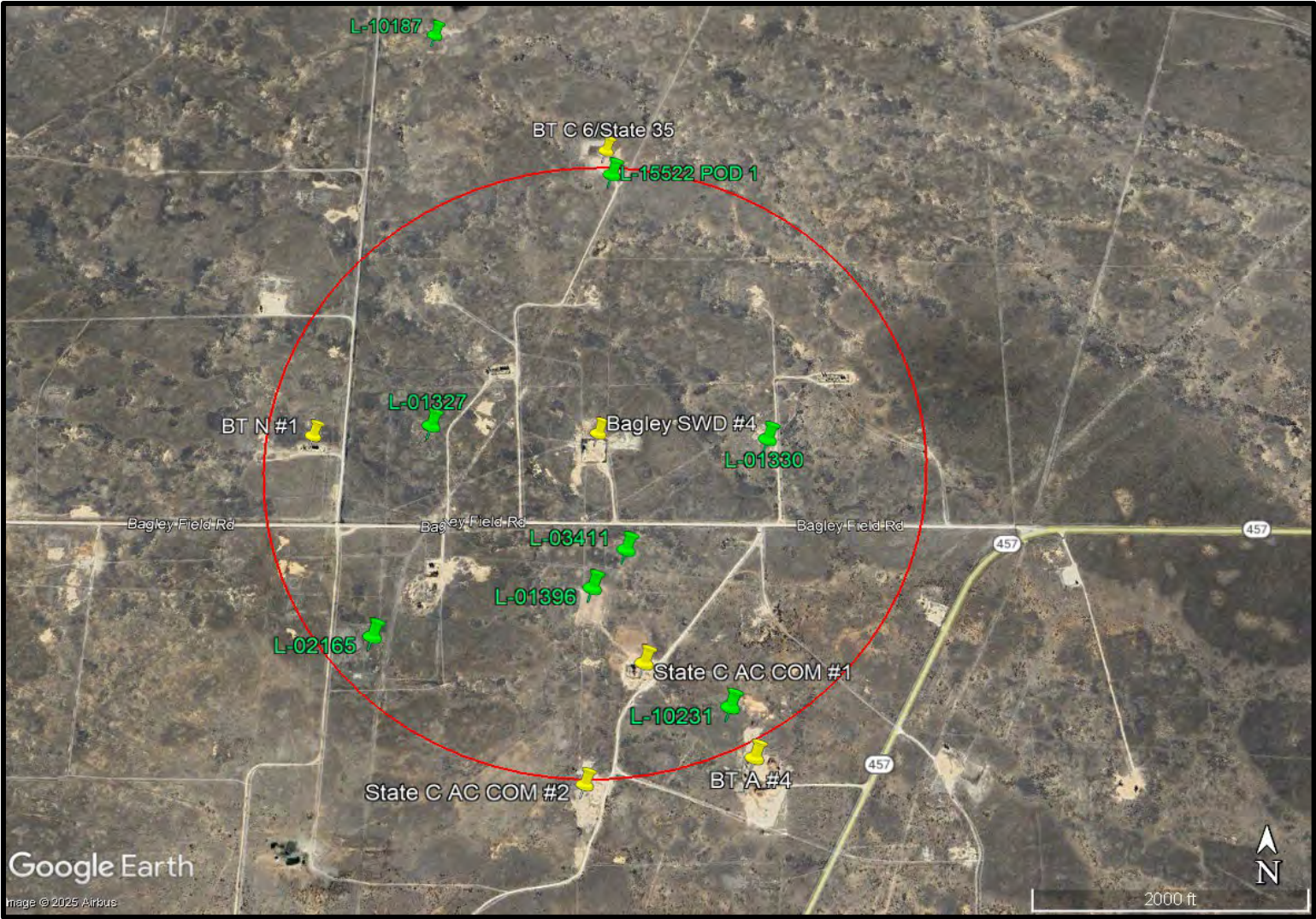
Draft: October 4, 2025

GPS: 33.316191° -103.587944°

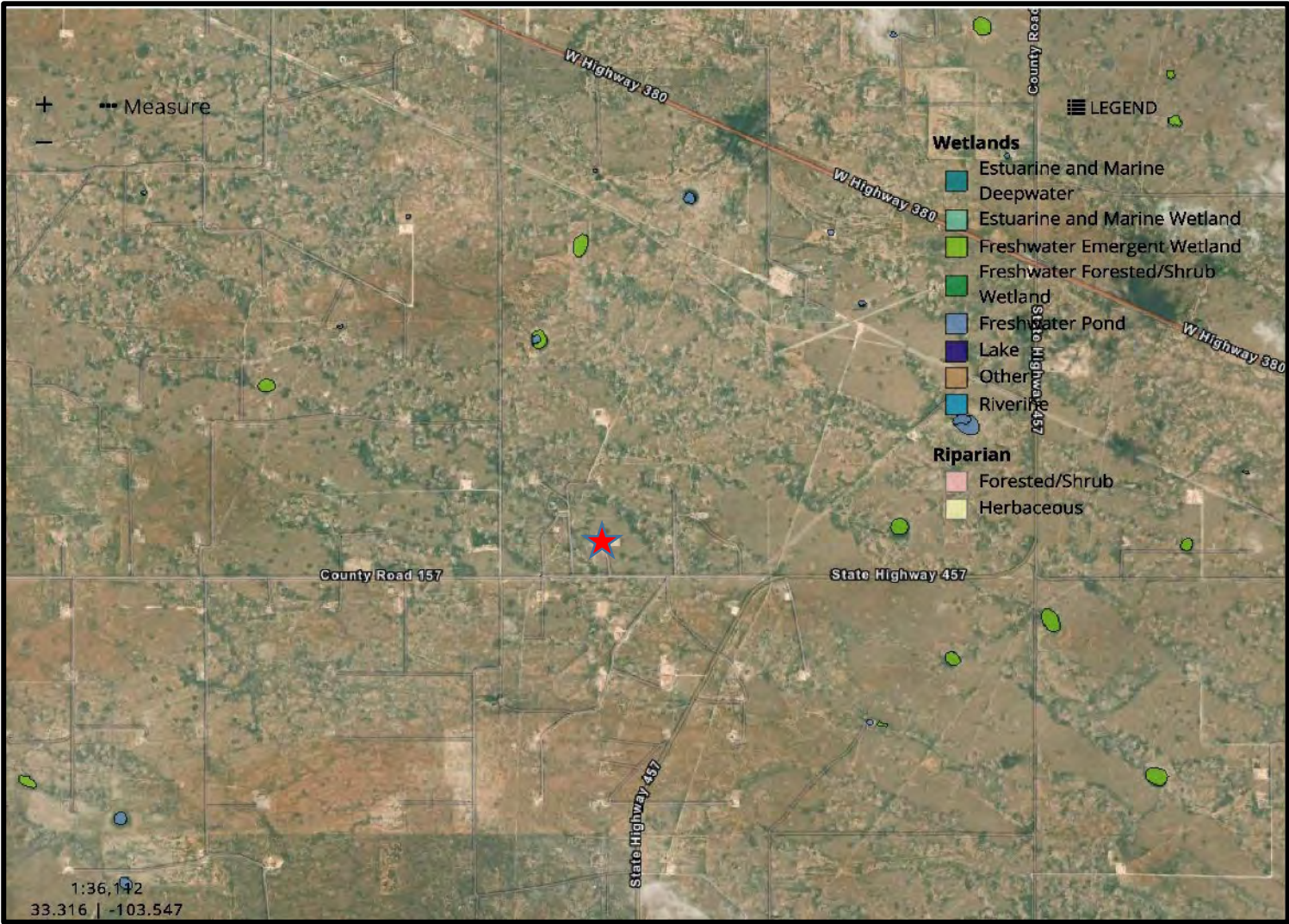




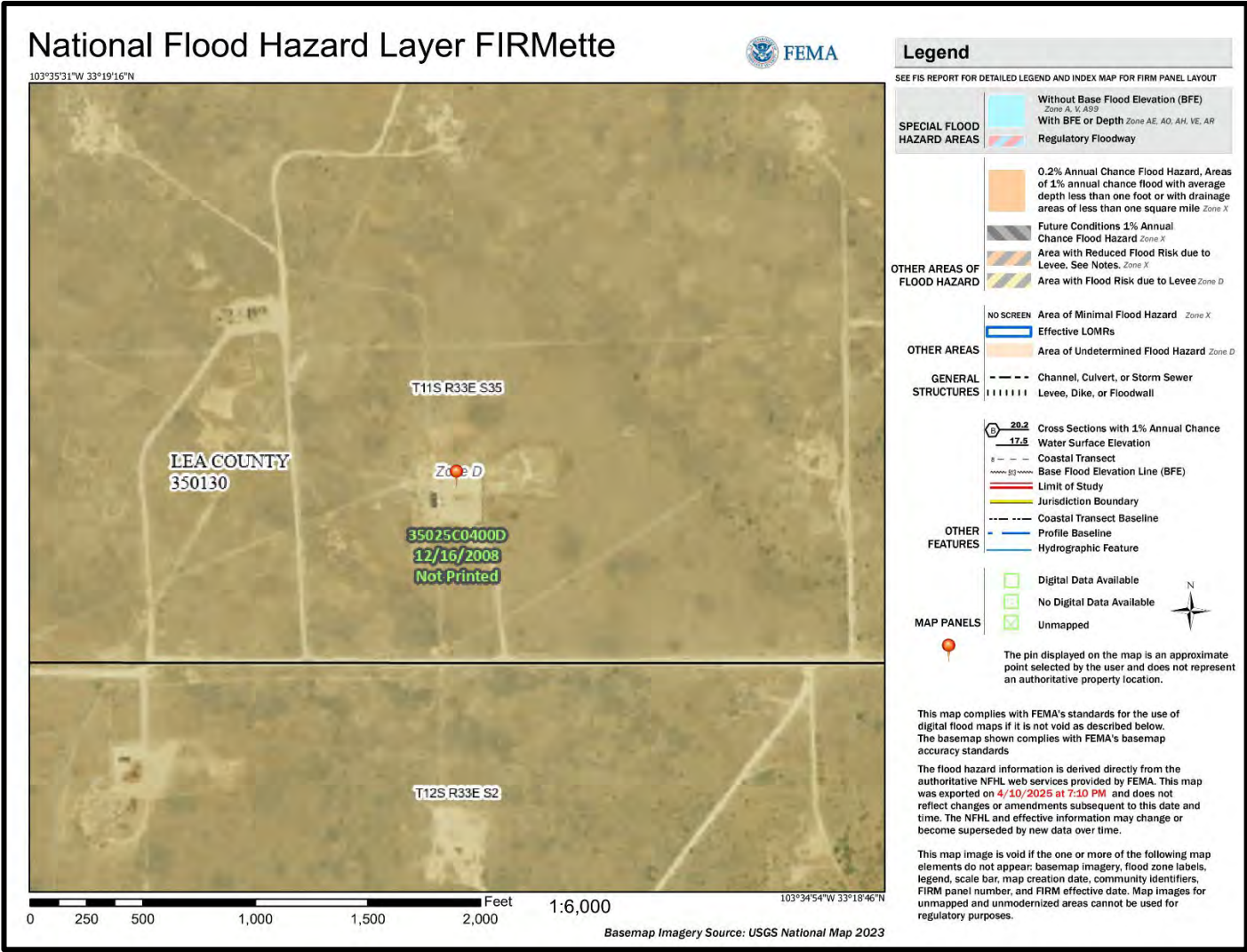
LEGEND:		Figure 2 Estimated Remediation Area Boundaries BXP Operating, LLC Bagley SWD #004 Lea County, New Mexico				
	Investigation Sample Location		Drafted by: CC Checked by: CC			
	ECO Investigation Boundary		Draft: Oct. 3, 2025			
	Estimated Remediation Area Boundaries with Area and Incident Number		GPS: 33.316191° -103.587944°			
Base Map from Google Earth Pro						



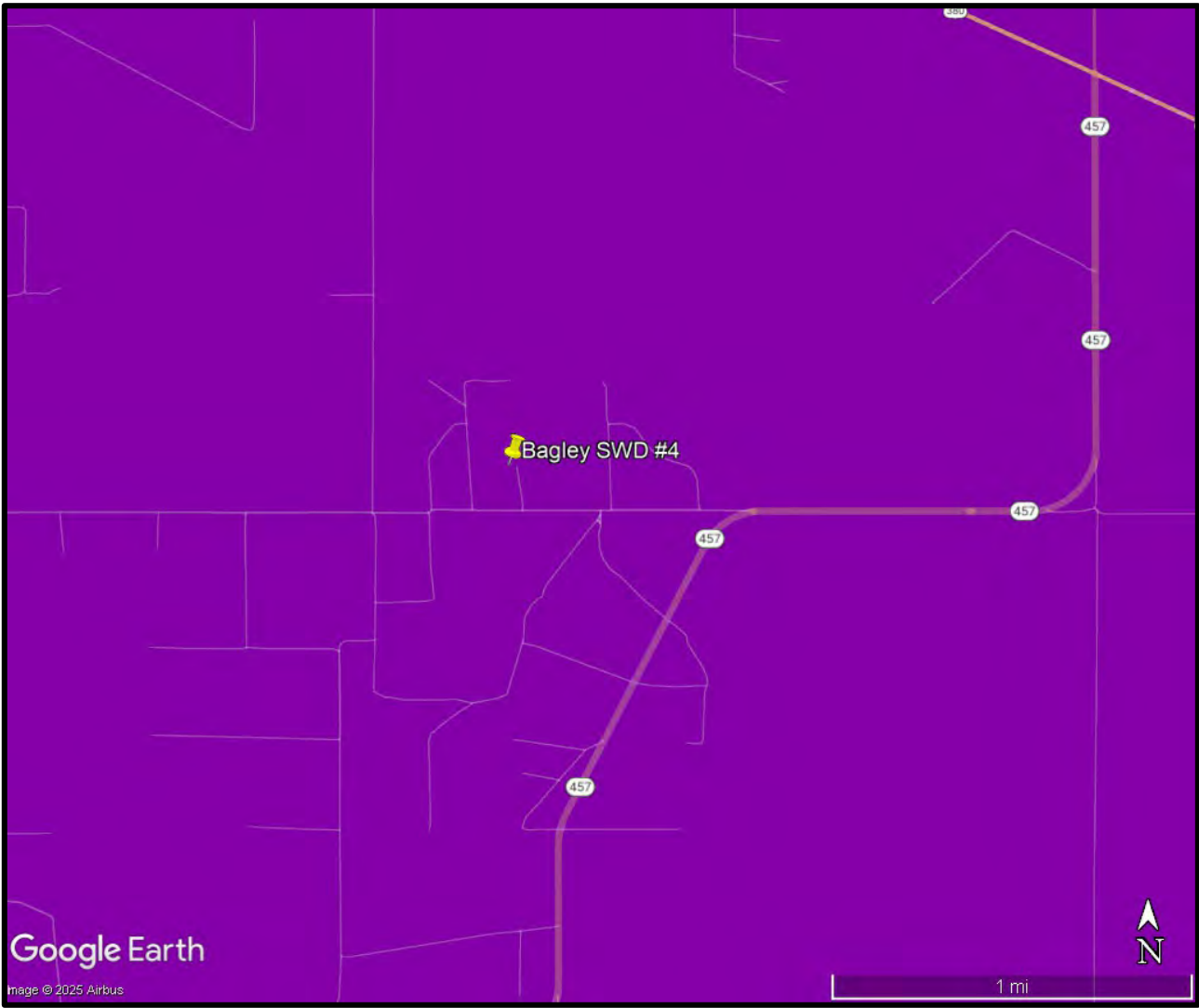
LEGEND:  Site and Well Location Base Map from Google Earth Pro	Figure 3 Wellhead Protection Area Map Site Location Map BXP Operating, LLC Bagley SWD #004 Lea County, New Mexico		
		Drafted by: CC Checked by: CC	
		Draft: Oct. 3, 2025	
		GPS: 33.316191° -103.587944°	



LEGEND:  Site Location Base Map from US Fish & Wildlife Service	Figure 4 National Wetlands Inventory Map Site Location Map BXP Operating, LLC Bagley SWD #004 Lea County, New Mexico		
		Drafted by: CC Checked by: CC	
		Draft: Oct. 3, 2025	
		GPS: 33.316191° -103.587944°	



LEGEND: Site Location Base Map from FEMA	Figure 5 FEMA Floodplain Map Site Location Map BXP Operating, LLC Bagley SWD #004 Lea County, New Mexico		
		Drafted by: CC Checked by: CC	
		Draft: Oct. 3, 2025	
		GPS: 33.316191° -103.587944°	



LEGEND: Low Karst Potential Medium Karst Potential High Karst Potential Base Map from Google Earth Pro and BLM	Figure 6 Karst Potential Map Site Location Map BXP Operating, LLC Bagley SWD #004 Lea County, New Mexico			
		Drafted by: CC Checked by: CC		
		Draft: Oct. 3, 2025		
		GPS:		33.316191° -103.587944°



LEGEND:		Figure 7 Sample Location Map BXP Operating, LLC Bagley SWD #004 - Area 8 Lea County, New Mexico			
B-1	Sample Location with Sample Number		Drafted by: CC Checked by: CC		
	Excavation Boundary		Draft: Oct. 11, 2025		
	Highlighting Indicates Soil was Excavated and Disposed		GPS: 33.316191° -103.587944°		
	Highlighting Indicates Concentrations Above the Closure Criteria				
			Base Map from Google Earth Pro		



Appendix A: NMOCD Communication



Cindy Crain <cindy.crain@gmail.com>

BXP Operating - Bagley SWD #4 - Request for Extension

5 messages

Cindy Crain <cindy.crain@gmail.com>

Sat, Aug 2, 2025 at 5:13 PM

To: "Maxwell, Ashley, EMNRD" <ashley.maxwell@emnrd.nm.gov>

Cc: "Bratcher, Michael, EMNRD" <mike.bratcher@emnrd.nm.gov>, OCD@emnrd.nm.gov, "Romero, Rosa, Emnrd" <rosam.romero@emnrd.nm.gov>

Hi Ashley,

Remediation has been completed at Area 6 (Incident #nAPP2509979883), Area 5 (Incident #nAPP2509978939), and Area 3 (Incident #nAPP2509978375) at the Bagley SWD #4, and Remediation Summary and Closure Requests for each of those 3 Incidents will be submitted to the fee portal by tomorrow (8/3/25).

Remediation has been conducted at Area 1 (Incident #nAPP2509976410), Area 2 (Incident #nAPP2509977675), and Area 8 (Incident #nAPP250990836), and confirmation samples are scheduled to be collected on 8/4/25.

As NMOCD has requested reports for each of the 9 areas by August 4, 2025, BXP respectfully requests a 180-day extension to continue remediation and submit Closure Reports for the remaining areas.

Please let me know if you have any questions or need additional information.

Thank you,
Cindy Crain

--

Crain Environmental
2925 East 17th Street
Odessa, TX 79761
(575) 441-7244

Cindy Crain <cindy.crain@gmail.com>

Sat, Aug 2, 2025 at 10:37 PM

To: "Maxwell, Ashley, EMNRD" <ashley.maxwell@emnrd.nm.gov>

Cc: "Bratcher, Michael, EMNRD" <mike.bratcher@emnrd.nm.gov>, OCD@emnrd.nm.gov, "Romero, Rosa, Emnrd" <rosam.romero@emnrd.nm.gov>

Ashley,

I submitted the Remediation Summary and Closure Report for Area 6 (Incident #nAPP2509979883) earlier today, and just realized that I forgot to add my signature.

Is there any way you can replace the submitted report with the attached corrected report?

Thank you,
Cindy Crain

[Quoted text hidden]

 **+Bagley 4 SWD_Area 6_Closure Report_8.2.25_reduced.pdf**
6005K

Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Mon, Aug 4, 2025 at 5:10 PM

To: Cindy Crain <cindy.crain@gmail.com>

Cc: "Bratcher, Michael, EMNRD" <mike.bratcher@emnrd.nm.gov>, "Romero, Rosa, EMNRD" <RosaM.Romero@emnrd.nm.gov>

Good afternoon Cindy,

A 90-day extension request is approved for the following incidents at the Bagley SWD #004: nAPP2509976410, nAPP2509977675, nAPP2509980836, nDEV1776, nAPP2509974572, and NAPP2509980372. Remediation closure report(s) must be submitted to the OCD no later than November 3, 2025. Please include a copy of this and all notifications in the report to ensure the notifications are documented in the project file.

Sincerely,

Shelly

Shelly Wells * Environmental Specialist-Advanced

Environmental Bureau

EMNRD-Oil Conservation Division

1220 S. St. Francis Drive|Santa Fe, NM 87505

(505)469-7520 Shelly.Wells@emnrd.nm.gov

<http://www.emnrd.state.nm.us/OCD/>

From: Cindy Crain <cindy.crain@gmail.com>

Sent: Saturday, August 2, 2025 9:38 PM

To: Maxwell, Ashley, EMNRD <Ashley.Maxwell@emnrd.nm.gov>

Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; OCD@emnrd.nm.gov; Romero, Rosa, EMNRD <RosaM.Romero@emnrd.nm.gov>

Subject: [EXTERNAL] Re: BXP Operating - Bagley SWD #4 - Request for Extension

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

[Quoted text hidden]

Cindy Crain <cindy.crain@gmail.com>

Wed, Aug 6, 2025 at 10:51 AM

To: "Wells, Shelly, EMNRD" <Shelly.Wells@emnrd.nm.gov>

Cc: "Bratcher, Michael, EMNRD" <mike.bratcher@emnrd.nm.gov>, "Romero, Rosa, EMNRD" <RosaM.Romero@emnrd.nm.gov>

Bcc: Doug Brown <dbrown@bxpltd.com>, mymerch@penrocoil.com, Bianca Guerrero <bguerrero@bxpltd.com>

Thank you, Shelly!

Cindy Crain

[Quoted text hidden]

Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Wed, Aug 6, 2025 at 10:52 AM

To: Cindy Crain <cindy.crain@gmail.com>

You are welcome, Cindy.

[Quoted text hidden]



Appendix B: NMOSE Water Well Records

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 Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
	L 01327		SW	SW	35	11S	33E	631143.0	3687301.0 *	

* UTM location was derived from PLSS - see Help

Driller License:	33	Driller Company:	TATUM CLAUDE E.		
Driller Name:	TATUM, CLAUDE E.				
Drill Start Date:	1951-12-17	Drill Finish Date:	1951-12-18	Plug Date:	1954-07-10
Log File Date:	1952-02-18	PCW Rcv Date:	1953-02-20	Source:	Shallow
Pump Type:		Pipe Discharge Size:		Estimated Yield:	
Casing Size:	7.00	Depth Well:	115	Depth Water:	55

Water Bearing Stratifications:

Top	Bottom	Description
55	115	Sandstone/Gravel/Conglomerate

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.

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 Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
	L 01330		SW	SE	35	11S	33E	631947.0	3687312.0 *	

* UTM location was derived from PLSS - see [Help](#)

Driller License:	33	Driller Company:	TATUM CLAUDE E.		
Driller Name:	TATUM, CLAUDE E.				
Drill Start Date:	1951-12-20	Drill Finish Date:	1951-12-21	Plug Date:	1954-08-31
Log File Date:	1952-02-18	PCW Rcv Date:	1953-02-24	Source:	Shallow
Pump Type:		Pipe Discharge Size:		Estimated Yield:	
Casing Size:	6.63	Depth Well:	115	Depth Water:	55

Water Bearing Stratifications:

Top	Bottom	Description
25	55	Sandstone/Gravel/Conglomerate
55	110	Sandstone/Gravel/Conglomerate
110	115	Sandstone/Gravel/Conglomerate

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.

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 Nbr	Q64	Q16	Q4	Sec	Tw	Rng	X	Y	Map
	L 06949	NW	NW	NW	35	11S	33E	631025.0	3688607.0 *	

* UTM location was derived from PLSS - see Help

Driller License:	46	Driller Company:	ABBOTT BROTHERS COMPANY		
Driller Name:	MURRELL ABBOTT				
Drill Start Date:	1972-06-02	Drill Finish Date:	1972-06-04	Plug Date:	1973-01-19
Log File Date:	1972-06-09	PCW Rcv Date:		Source:	Shallow
Pump Type:		Pipe Discharge Size:		Estimated Yield:	
Casing Size:	7.00	Depth Well:	135	Depth Water:	80

Water Bearing Stratifications:

Top	Bottom	Description
127	135	Sandstone/Gravel/Conglomerate

Casing Perforations:

Top	Bottom
75	135

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.



Appendix C: NMSLO Cultural Resources Cover Sheet



Stephanie Garcia Richard, Commissioner of Public Lands
State of New Mexico

NMSLO Cultural Resources Cover Sheet Exhibit

NMCRIS Activity Number:

(if applicable)

Exhibit Type (select one)

ARMS Inspection/Review - Summarize the results (select one):

- (A) The entire area of potential effect or project area has been previously surveyed to current standards and **no cultural properties** were found within the survey area.
- (B) The entire area of potential effect or project area has been previously surveyed to current standards and **cultural properties were found** within the survey area.
- (C) The entire area of potential effect or project area has **not** been previously surveyed or **has not been surveyed** to current standards. A complete archaeological survey will be conducted and submitted for review.

Archaeological Survey

Findings:

Negative - No further archaeological review is required.

Positive - Have avoidance and protection measures been devised? Select one:

Comments:

Project Details:

NMSLO Lease Number (if available):

Cultural Resources Consultant:

Project Proponent (Applicant):

Project Title/Description:

Project Location:

County(ies):

PLSS/Section/Township/Range):

For NMSLO Agency Use Only:

NMSLO Lease Number:

Acknowledgment-Only:

Lease Analyst:

Date Exhibit Routed to Cultural Resources Office:

No person may alter the wording of the questions or layout of the cover sheet. The completion of this cover sheet by itself does not authorize anyone to engage in new surface disturbing activity before the review and approvals required by the Cultural Properties Protections Rule.

Form Revised 12 22



Appendix D: Biological Desktop Review

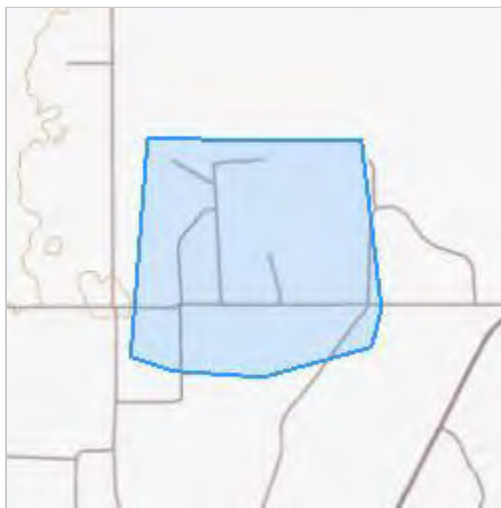
Project code: 2025-0081805

04/10/2025 20:04:51 UTC

PROJECT SUMMARY

Project Code: 2025-0081805
Project Name: Bagley SWD #004
Project Type: Non-NPL Site Remediation
Project Description: Soil remediation
Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@33.31675815,-103.58720367585516,14z>



Counties: Lea County, New Mexico

Project code: 2025-0081805

04/10/2025 20:04:51 UTC

BIRDS

NAME	STATUS
Lesser Prairie-chicken <i>Tympanuchus pallidicinctus</i> Population: Southern DPS No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1924	Endangered
Northern Aplomado Falcon <i>Falco femoralis septentrionalis</i> Population: U.S.A (AZ, NM) No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1923	Experimental Population, Non- Essential

INSECTS

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> There is proposed critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/9743	Proposed Threatened

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.



Appendix E: Laboratory Report and Chain-of-Custody Documentation



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Cindy Crain
Crain Environmental
2925 E. 17th St.
Odessa, Texas 79761

Generated 9/22/2025 2:17:57 PM Revision 1

JOB DESCRIPTION

Bagley #4 SWD Area 8
Lea Co., NM

JOB NUMBER

880-61154-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701



Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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

Authorization



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

Generated
9/22/2025 2:17:57 PM
Revision 1

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Laboratory Job ID: 880-61154-1
SDG: Lea Co., NM

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Definitions/Glossary

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
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: Crain Environmental
Project: Bagley #4 SWD Area 8

Job ID: 880-61154-1

Job ID: 880-61154-1

Eurofins Midland

Job Narrative
880-61154-1

REVISION

The report being provided is a revision of the original report sent on 8/12/2025. The report (revision 1) is being revised due to Per client email, requesting data reported to the RL.

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

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

Receipt

The samples were received on 8/5/2025 2:43 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 -1.9°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (880-61154-1), S-2 (880-61154-2), S-3 (880-61154-3), S-4 (880-61154-4), S-5 (880-61154-5), S-6 (880-61154-6), S-7 (880-61154-7), S-8 (880-61154-8), S-9 (880-61154-9), S-10 (880-61154-10), S-11 (880-61154-11), S-12 (880-61154-12), S-13 (880-61154-13), S-14 (880-61154-14), S-15 (880-61154-15), S-16 (880-61154-16), S-17 (880-61154-17), S-18 (880-61154-18), S-19 (880-61154-19), S-20 (880-61154-20), S-21 (880-61154-21), S-22 (880-61154-22), S-23 (880-61154-23), S-24 (880-61154-24), B-1 (880-61154-25), B-2 (880-61154-26), B-3 (880-61154-27), B-4 (880-61154-28), B-5 (880-61154-29), B-6 (880-61154-30), B-7 (880-61154-31), B-8 (880-61154-32), B-9 (880-61154-33), B-10 (880-61154-34), B-11 (880-61154-35), B-12 (880-61154-36), B-13 (880-61154-37), B-14 (880-61154-38), B-15 (880-61154-39), B-16 (880-61154-40) and B-17 (880-61154-41).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-115882 and 880-115945 and analytical batch 880-115929 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: B-17 (880-61154-41), (880-60970-A-16-A MB) and (880-60970-A-16-B MDLV). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-115945 and analytical batch 880-115929 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-115929 recovered under the lower control limit for Ethylbenzene. The samples associated with this CCV were ran within 12 hours of passing CCV; therefore, the data have been reported

Method 8021B: The laboratory control sample duplicate (LCSD) for preparation batch 880-115953 and analytical batch 880-116038 recovered outside control limits for the following analytes: Ethylbenzene and m-Xylene & p-Xylene. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (LCSD 880-115953/2-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Eurofins Midland

Case Narrative

Client: Crain Environmental
Project: Bagley #4 SWD Area 8

Job ID: 880-61154-1

Job ID: 880-61154-1 (Continued)**Eurofins Midland**

Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-61154-A-21-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-23 (880-61154-23), B-1 (880-61154-25), B-2 (880-61154-26), B-3 (880-61154-27), B-4 (880-61154-28), B-5 (880-61154-29), B-6 (880-61154-30), B-10 (880-61154-34), B-11 (880-61154-35), B-12 (880-61154-36), B-13 (880-61154-37), B-14 (880-61154-38), B-15 (880-61154-39) and B-16 (880-61154-40). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Spike compounds were inadvertently omitted during the extraction process for the matrix spike duplicate (MSD); therefore, matrix spike recoveries are unavailable for preparation batch 880-115954 and analytical batch 880-116039. The associated laboratory control sample duplicate (LCSD) met acceptance criteria.

Method 8021B: The laboratory control sample (LCS) for preparation batch 880-115954 and analytical batch 880-116039 recovered outside control limits for the following analytes: o-Xylene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8021B: The matrix spike (MS) recoveries for preparation batch 880-115954 and analytical batch 880-116039 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample duplicate (LCSD) recovery was within acceptance limits.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-116039 recovered above the upper control limit for o-Xylene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is: (CCV 880-116039/2).

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-115954 and analytical batch 880-116039 was outside the upper control limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-115975, 880-116191 and 880-116192 and analytical batch 880-116181 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-15 (880-61154-15), S-19 (880-61154-19), S-20 (880-61154-20), (890-8587-A-1-C), (890-8587-A-1-A MS), (890-8587-A-1-B MSD) and (880-60972-A-17 MDLV). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-116192 and analytical batch 880-116181 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 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-116191 and analytical batch 880-116181 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 8021B: The laboratory control sample (LCS) associated with analytical batch 880-116181 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

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 method blank for preparation batch 880-115922 and analytical batch 880-116303 contained Diesel Range Organics (Over C10-C28) and Oil Range Organics (Over C28-C36) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-115923/2-A) and (LCSD 880-115922/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Eurofins Midland

Case Narrative

Client: Crain Environmental
Project: Bagley #4 SWD Area 8

Job ID: 880-61154-1

Job ID: 880-61154-1 (Continued)

Eurofins Midland

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-115923/3-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: (LCS 880-115924/2-A) and (LCSD 880-115924/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC

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

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: S-1

Lab Sample ID: 880-61154-1

Date Collected: 08/04/25 14:45

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

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		08/06/25 09:40	08/07/25 13:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/06/25 09:40	08/07/25 13:28	1
Ethylbenzene	<0.00200	U *+ *1	0.00200		mg/Kg		08/06/25 09:40	08/07/25 13:28	1
m-Xylene & p-Xylene	<0.00399	U *+	0.00399		mg/Kg		08/06/25 09:40	08/07/25 13:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/06/25 09:40	08/07/25 13:28	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		08/06/25 09:40	08/07/25 13:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	08/06/25 09:40	08/07/25 13:28	1
1,4-Difluorobenzene (Surr)	77		70 - 130	08/06/25 09:40	08/07/25 13:28	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			08/07/25 13:28	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			08/10/25 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	<49.9	U	49.9		mg/Kg		08/06/25 07:57	08/10/25 02:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/06/25 07:57	08/10/25 02:08	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/06/25 07:57	08/10/25 02:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	08/06/25 07:57	08/10/25 02:08	1
o-Terphenyl	112		70 - 130	08/06/25 07:57	08/10/25 02:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.396	U	10.0	0.396	mg/Kg			08/07/25 04:25	1

Client Sample ID: S-2

Lab Sample ID: 880-61154-2

Date Collected: 08/04/25 14:48

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

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		08/06/25 09:40	08/07/25 13:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/06/25 09:40	08/07/25 13:49	1
Ethylbenzene	<0.00201	U *+ *1	0.00201		mg/Kg		08/06/25 09:40	08/07/25 13:49	1
m-Xylene & p-Xylene	<0.00402	U *+	0.00402		mg/Kg		08/06/25 09:40	08/07/25 13:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/06/25 09:40	08/07/25 13:49	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		08/06/25 09:40	08/07/25 13:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	08/06/25 09:40	08/07/25 13:49	1

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: S-2

Lab Sample ID: 880-61154-2

Date Collected: 08/04/25 14:48

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	107		70 - 130	08/06/25 09:40	08/07/25 13:49	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			08/07/25 13:49	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			08/10/25 02:22	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	<50.0	U	50.0		mg/Kg		08/06/25 07:57	08/10/25 02:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/06/25 07:57	08/10/25 02:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/06/25 07:57	08/10/25 02:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				08/06/25 07:57	08/10/25 02:22	1
o-Terphenyl	113		70 - 130				08/06/25 07:57	08/10/25 02:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.81	J	9.90	0.391	mg/Kg			08/07/25 04:31	1

Client Sample ID: S-3

Lab Sample ID: 880-61154-3

Date Collected: 08/04/25 14:51

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

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		08/06/25 09:40	08/07/25 14:24	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/06/25 09:40	08/07/25 14:24	1
Ethylbenzene	<0.00202	U ** *1	0.00202		mg/Kg		08/06/25 09:40	08/07/25 14:24	1
m-Xylene & p-Xylene	<0.00404	U **	0.00404		mg/Kg		08/06/25 09:40	08/07/25 14:24	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/06/25 09:40	08/07/25 14:24	1
Xylenes, Total	<0.00404	U **	0.00404		mg/Kg		08/06/25 09:40	08/07/25 14:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	08/06/25 09:40	08/07/25 14:24	1
1,4-Difluorobenzene (Surr)	87		70 - 130	08/06/25 09:40	08/07/25 14:24	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/07/25 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			08/10/25 02:37	1

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: S-3

Lab Sample ID: 880-61154-3

Date Collected: 08/04/25 14:51

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

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		08/06/25 07:57	08/10/25 02:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/06/25 07:57	08/10/25 02:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/06/25 07:57	08/10/25 02:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				08/06/25 07:57	08/10/25 02:37	1
o-Terphenyl	118		70 - 130				08/06/25 07:57	08/10/25 02:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.51	J	9.94	0.393	mg/Kg			08/07/25 04:37	1

Client Sample ID: S-4

Lab Sample ID: 880-61154-4

Date Collected: 08/04/25 14:54

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

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		08/06/25 09:40	08/07/25 14:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/06/25 09:40	08/07/25 14:44	1
Ethylbenzene	<0.00199	U *+ *1	0.00199		mg/Kg		08/06/25 09:40	08/07/25 14:44	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		08/06/25 09:40	08/07/25 14:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/06/25 09:40	08/07/25 14:44	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		08/06/25 09:40	08/07/25 14:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				08/06/25 09:40	08/07/25 14:44	1
1,4-Difluorobenzene (Surr)	86		70 - 130				08/06/25 09:40	08/07/25 14:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/07/25 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			08/10/25 02:51	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		08/06/25 07:57	08/10/25 02:51	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/06/25 07:57	08/10/25 02:51	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/06/25 07:57	08/10/25 02:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				08/06/25 07:57	08/10/25 02:51	1
o-Terphenyl	117		70 - 130				08/06/25 07:57	08/10/25 02:51	1

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: S-4

Lab Sample ID: 880-61154-4

Date Collected: 08/04/25 14:54

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.394	U	9.98	0.394	mg/Kg	-		08/07/25 04:42	1

Client Sample ID: S-5

Lab Sample ID: 880-61154-5

Date Collected: 08/04/25 14:57

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

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	-	08/06/25 09:40	08/07/25 15:05	1
Toluene	<0.00198	U	0.00198		mg/Kg	-	08/06/25 09:40	08/07/25 15:05	1
Ethylbenzene	<0.00198	U *+ *1	0.00198		mg/Kg	-	08/06/25 09:40	08/07/25 15:05	1
m-Xylene & p-Xylene	<0.00396	U *+	0.00396		mg/Kg	-	08/06/25 09:40	08/07/25 15:05	1
o-Xylene	<0.00198	U	0.00198		mg/Kg	-	08/06/25 09:40	08/07/25 15:05	1
Xylenes, Total	<0.00396	U *+	0.00396		mg/Kg	-	08/06/25 09:40	08/07/25 15:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				08/06/25 09:40	08/07/25 15:05	1
1,4-Difluorobenzene (Surr)	81		70 - 130				08/06/25 09:40	08/07/25 15:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg	-		08/07/25 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	<50.0	U	50.0		mg/Kg	-		08/10/25 03:06	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	<50.0	U	50.0		mg/Kg	-	08/06/25 07:57	08/10/25 03:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg	-	08/06/25 07:57	08/10/25 03:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg	-	08/06/25 07:57	08/10/25 03:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				08/06/25 07:57	08/10/25 03:06	1
o-Terphenyl	115		70 - 130				08/06/25 07:57	08/10/25 03:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.81	J	10.0	0.396	mg/Kg	-		08/07/25 04:59	1

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: S-6

Lab Sample ID: 880-61154-6

Date Collected: 08/04/25 15:00

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

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		08/06/25 09:40	08/07/25 15:25	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/06/25 09:40	08/07/25 15:25	1
Ethylbenzene	<0.00201	U *+ *1	0.00201		mg/Kg		08/06/25 09:40	08/07/25 15:25	1
m-Xylene & p-Xylene	<0.00402	U *+	0.00402		mg/Kg		08/06/25 09:40	08/07/25 15:25	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/06/25 09:40	08/07/25 15:25	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		08/06/25 09:40	08/07/25 15:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	08/06/25 09:40	08/07/25 15:25	1
1,4-Difluorobenzene (Surr)	84		70 - 130	08/06/25 09:40	08/07/25 15:25	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			08/07/25 15:25	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			08/10/25 03:21	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	<50.0	U	50.0		mg/Kg		08/06/25 07:57	08/10/25 03:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/06/25 07:57	08/10/25 03:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/06/25 07:57	08/10/25 03:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	08/06/25 07:57	08/10/25 03:21	1
o-Terphenyl	117		70 - 130	08/06/25 07:57	08/10/25 03:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.87	J	10.0	0.397	mg/Kg			08/07/25 05:05	1

Client Sample ID: S-7

Lab Sample ID: 880-61154-7

Date Collected: 08/04/25 15:03

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

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		08/06/25 09:40	08/07/25 15:46	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/06/25 09:40	08/07/25 15:46	1
Ethylbenzene	<0.00202	U *+ *1	0.00202		mg/Kg		08/06/25 09:40	08/07/25 15:46	1
m-Xylene & p-Xylene	<0.00404	U *+	0.00404		mg/Kg		08/06/25 09:40	08/07/25 15:46	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/06/25 09:40	08/07/25 15:46	1
Xylenes, Total	<0.00404	U *+	0.00404		mg/Kg		08/06/25 09:40	08/07/25 15:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	08/06/25 09:40	08/07/25 15:46	1

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: S-7

Lab Sample ID: 880-61154-7

Date Collected: 08/04/25 15:03

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	92		70 - 130	08/06/25 09:40	08/07/25 15:46	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			08/07/25 15:46	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			08/10/25 05:22	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	<50.0	U	50.0		mg/Kg		08/06/25 08:00	08/10/25 05:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/06/25 08:00	08/10/25 05:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/06/25 08:00	08/10/25 05:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				08/06/25 08:00	08/10/25 05:22	1
o-Terphenyl	109		70 - 130				08/06/25 08:00	08/10/25 05:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.88	J	10.1	0.397	mg/Kg			08/07/25 05:11	1

Client Sample ID: S-8

Lab Sample ID: 880-61154-8

Date Collected: 08/04/25 15:06

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

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		08/06/25 09:40	08/07/25 16:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/06/25 09:40	08/07/25 16:17	1
Ethylbenzene	<0.00199	U ** *1	0.00199		mg/Kg		08/06/25 09:40	08/07/25 16:17	1
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		08/06/25 09:40	08/07/25 16:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/06/25 09:40	08/07/25 16:17	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		08/06/25 09:40	08/07/25 16:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	08/06/25 09:40	08/07/25 16:17	1
1,4-Difluorobenzene (Surr)	85		70 - 130	08/06/25 09:40	08/07/25 16:17	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			08/07/25 16:17	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			08/10/25 06:07	1

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: S-8

Lab Sample ID: 880-61154-8

Date Collected: 08/04/25 15:06

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

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		08/06/25 08:00	08/10/25 06:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/06/25 08:00	08/10/25 06:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/06/25 08:00	08/10/25 06:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				08/06/25 08:00	08/10/25 06:07	1
o-Terphenyl	112		70 - 130				08/06/25 08:00	08/10/25 06:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.396	U	10.0	0.396	mg/Kg			08/07/25 05:16	1

Client Sample ID: S-9

Lab Sample ID: 880-61154-9

Date Collected: 08/04/25 15:09

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

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		08/06/25 09:40	08/07/25 16:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/06/25 09:40	08/07/25 16:37	1
Ethylbenzene	<0.00200	U *+ *1	0.00200		mg/Kg		08/06/25 09:40	08/07/25 16:37	1
m-Xylene & p-Xylene	<0.00400	U *+	0.00400		mg/Kg		08/06/25 09:40	08/07/25 16:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/06/25 09:40	08/07/25 16:37	1
Xylenes, Total	<0.00400	U *+	0.00400		mg/Kg		08/06/25 09:40	08/07/25 16:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				08/06/25 09:40	08/07/25 16:37	1
1,4-Difluorobenzene (Surr)	109		70 - 130				08/06/25 09:40	08/07/25 16:37	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			08/07/25 16:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/10/25 06:23	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	<49.9	U	49.9		mg/Kg		08/06/25 08:00	08/10/25 06:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/06/25 08:00	08/10/25 06:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/06/25 08:00	08/10/25 06:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				08/06/25 08:00	08/10/25 06:23	1
o-Terphenyl	115		70 - 130				08/06/25 08:00	08/10/25 06:23	1

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: S-9

Lab Sample ID: 880-61154-9

Date Collected: 08/04/25 15:09

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.91	J	9.96	0.393	mg/Kg			08/07/25 05:22	1

Client Sample ID: S-10

Lab Sample ID: 880-61154-10

Date Collected: 08/04/25 15:12

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

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		08/06/25 09:40	08/07/25 16:58	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/06/25 09:40	08/07/25 16:58	1
Ethylbenzene	<0.00198	U *+ *1	0.00198		mg/Kg		08/06/25 09:40	08/07/25 16:58	1
m-Xylene & p-Xylene	<0.00397	U *+	0.00397		mg/Kg		08/06/25 09:40	08/07/25 16:58	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/06/25 09:40	08/07/25 16:58	1
Xylenes, Total	<0.00397	U *+	0.00397		mg/Kg		08/06/25 09:40	08/07/25 16:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				08/06/25 09:40	08/07/25 16:58	1
1,4-Difluorobenzene (Surr)	79		70 - 130				08/06/25 09:40	08/07/25 16:58	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			08/07/25 16:58	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			08/10/25 06:37	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		08/06/25 08:00	08/10/25 06:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/06/25 08:00	08/10/25 06:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/06/25 08:00	08/10/25 06:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				08/06/25 08:00	08/10/25 06:37	1
o-Terphenyl	116		70 - 130				08/06/25 08:00	08/10/25 06:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.02	J	9.98	0.394	mg/Kg			08/07/25 05:28	1

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: S-11

Lab Sample ID: 880-61154-11

Date Collected: 08/04/25 15:15

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

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		08/06/25 09:40	08/07/25 20:28	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/06/25 09:40	08/07/25 20:28	1
Ethylbenzene	<0.00198	U *+ *1	0.00198		mg/Kg		08/06/25 09:40	08/07/25 20:28	1
m-Xylene & p-Xylene	<0.00396	U *+	0.00396		mg/Kg		08/06/25 09:40	08/07/25 20:28	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/06/25 09:40	08/07/25 20:28	1
Xylenes, Total	<0.00396	U *+	0.00396		mg/Kg		08/06/25 09:40	08/07/25 20:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	08/06/25 09:40	08/07/25 20:28	1
1,4-Difluorobenzene (Surr)	87		70 - 130	08/06/25 09:40	08/07/25 20:28	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			08/07/25 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	<50.0	U	50.0		mg/Kg			08/10/25 06:53	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		08/06/25 08:00	08/10/25 06:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/06/25 08:00	08/10/25 06:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/06/25 08:00	08/10/25 06:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	08/06/25 08:00	08/10/25 06:53	1
o-Terphenyl	101		70 - 130	08/06/25 08:00	08/10/25 06:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.397	U	10.0	0.397	mg/Kg			08/07/25 05:45	1

Client Sample ID: S-12

Lab Sample ID: 880-61154-12

Date Collected: 08/04/25 15:18

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

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		08/06/25 09:40	08/07/25 20:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/06/25 09:40	08/07/25 20:48	1
Ethylbenzene	<0.00201	U *+ *1	0.00201		mg/Kg		08/06/25 09:40	08/07/25 20:48	1
m-Xylene & p-Xylene	<0.00402	U *+	0.00402		mg/Kg		08/06/25 09:40	08/07/25 20:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/06/25 09:40	08/07/25 20:48	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		08/06/25 09:40	08/07/25 20:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	08/06/25 09:40	08/07/25 20:48	1

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: S-12

Lab Sample ID: 880-61154-12

Date Collected: 08/04/25 15:18

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	88		70 - 130	08/06/25 09:40	08/07/25 20:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/07/25 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			08/10/25 07:07	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		08/06/25 08:00	08/10/25 07:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/06/25 08:00	08/10/25 07:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/06/25 08:00	08/10/25 07:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				08/06/25 08:00	08/10/25 07:07	1
o-Terphenyl	112		70 - 130				08/06/25 08:00	08/10/25 07:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.393	U	9.94	0.393	mg/Kg			08/07/25 05:50	1

Client Sample ID: S-13

Lab Sample ID: 880-61154-13

Date Collected: 08/04/25 15:21

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

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		08/06/25 09:40	08/08/25 08:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/06/25 09:40	08/08/25 08:00	1
Ethylbenzene	<0.00199	U *+ *1	0.00199		mg/Kg		08/06/25 09:40	08/08/25 08:00	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		08/06/25 09:40	08/08/25 08:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/06/25 09:40	08/08/25 08:00	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		08/06/25 09:40	08/08/25 08:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	08/06/25 09:40	08/08/25 08:00	1
1,4-Difluorobenzene (Surr)	103		70 - 130	08/06/25 09:40	08/08/25 08:00	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			08/08/25 08:00	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			08/10/25 07:22	1

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: S-13

Date Collected: 08/04/25 15:21

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

Lab Sample ID: 880-61154-13

Matrix: Solid

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		08/06/25 08:00	08/10/25 07:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/06/25 08:00	08/10/25 07:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/06/25 08:00	08/10/25 07:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				08/06/25 08:00	08/10/25 07:22	1
o-Terphenyl	112		70 - 130				08/06/25 08:00	08/10/25 07:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.31	J	9.96	0.393	mg/Kg			08/07/25 06:07	1

Client Sample ID: S-14

Date Collected: 08/04/25 15:24

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

Lab Sample ID: 880-61154-14

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		08/08/25 09:11	08/09/25 08:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/08/25 09:11	08/09/25 08:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/08/25 09:11	08/09/25 08:18	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/08/25 09:11	08/09/25 08:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/08/25 09:11	08/09/25 08:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/08/25 09:11	08/09/25 08:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				08/08/25 09:11	08/09/25 08:18	1
1,4-Difluorobenzene (Surr)	93		70 - 130				08/08/25 09:11	08/09/25 08:18	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			08/09/25 08:18	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			08/10/25 07:36	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		08/06/25 08:00	08/10/25 07:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/06/25 08:00	08/10/25 07:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/06/25 08:00	08/10/25 07:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				08/06/25 08:00	08/10/25 07:36	1
o-Terphenyl	116		70 - 130				08/06/25 08:00	08/10/25 07:36	1

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: S-14

Date Collected: 08/04/25 15:24

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

Lab Sample ID: 880-61154-14

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.397	U	10.1	0.397	mg/Kg			08/07/25 08:19	1

Client Sample ID: S-15

Date Collected: 08/04/25 15:27

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

Lab Sample ID: 880-61154-15

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		08/08/25 09:11	08/09/25 08:38	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/08/25 09:11	08/09/25 08:38	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/08/25 09:11	08/09/25 08:38	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/08/25 09:11	08/09/25 08:38	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/08/25 09:11	08/09/25 08:38	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/08/25 09:11	08/09/25 08:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130				08/08/25 09:11	08/09/25 08:38	1
1,4-Difluorobenzene (Surr)	100		70 - 130				08/08/25 09:11	08/09/25 08:38	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			08/09/25 08:38	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			08/10/25 07:51	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		08/06/25 08:00	08/10/25 07:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/06/25 08:00	08/10/25 07:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/06/25 08:00	08/10/25 07:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				08/06/25 08:00	08/10/25 07:51	1
o-Terphenyl	114		70 - 130				08/06/25 08:00	08/10/25 07:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.397	U	10.0	0.397	mg/Kg			08/07/25 06:14	1

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: S-16

Lab Sample ID: 880-61154-16

Date Collected: 08/04/25 15:30

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

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		08/08/25 09:11	08/09/25 08:59	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/08/25 09:11	08/09/25 08:59	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/08/25 09:11	08/09/25 08:59	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/08/25 09:11	08/09/25 08:59	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/08/25 09:11	08/09/25 08:59	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/08/25 09:11	08/09/25 08:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	08/08/25 09:11	08/09/25 08:59	1
1,4-Difluorobenzene (Surr)	95		70 - 130	08/08/25 09:11	08/09/25 08:59	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			08/09/25 08:59	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			08/10/25 08:06	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		08/06/25 08:00	08/10/25 08:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/06/25 08:00	08/10/25 08:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/06/25 08:00	08/10/25 08:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	08/06/25 08:00	08/10/25 08:06	1
o-Terphenyl	115		70 - 130	08/06/25 08:00	08/10/25 08:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.393	U	9.96	0.393	mg/Kg			08/07/25 06:20	1

Client Sample ID: S-17

Lab Sample ID: 880-61154-17

Date Collected: 08/04/25 15:33

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

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		08/08/25 09:08	08/09/25 17:32	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/08/25 09:08	08/09/25 17:32	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/08/25 09:08	08/09/25 17:32	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/08/25 09:08	08/09/25 17:32	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/08/25 09:08	08/09/25 17:32	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/08/25 09:08	08/09/25 17:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	08/08/25 09:08	08/09/25 17:32	1

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Client Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: S-17

Lab Sample ID: 880-61154-17

Date Collected: 08/04/25 15:33

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	102		70 - 130	08/08/25 09:08	08/09/25 17:32	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			08/09/25 17:32	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			08/10/25 08:35	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	<50.0	U	50.0		mg/Kg		08/06/25 08:00	08/10/25 08:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/06/25 08:00	08/10/25 08:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/06/25 08:00	08/10/25 08:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				08/06/25 08:00	08/10/25 08:35	1
o-Terphenyl	114		70 - 130				08/06/25 08:00	08/10/25 08:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.69	J	9.96	0.393	mg/Kg			08/07/25 23:52	1

Client Sample ID: S-18

Lab Sample ID: 880-61154-18

Date Collected: 08/04/25 15:36

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

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		08/08/25 09:08	08/09/25 17:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/08/25 09:08	08/09/25 17:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/08/25 09:08	08/09/25 17:52	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/08/25 09:08	08/09/25 17:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/08/25 09:08	08/09/25 17:52	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/08/25 09:08	08/09/25 17:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	08/08/25 09:08	08/09/25 17:52	1
1,4-Difluorobenzene (Surr)	106		70 - 130	08/08/25 09:08	08/09/25 17:52	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			08/09/25 17:52	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			08/10/25 08:51	1

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Client Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: S-18

Lab Sample ID: 880-61154-18

Date Collected: 08/04/25 15:36

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

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		08/06/25 08:00	08/10/25 08:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/06/25 08:00	08/10/25 08:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/06/25 08:00	08/10/25 08:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				08/06/25 08:00	08/10/25 08:51	1
o-Terphenyl	115		70 - 130				08/06/25 08:00	08/10/25 08:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.397	U	10.0	0.397	mg/Kg			08/08/25 00:15	1

Client Sample ID: S-19

Lab Sample ID: 880-61154-19

Date Collected: 08/04/25 15:39

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

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		08/08/25 09:08	08/09/25 18:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/08/25 09:08	08/09/25 18:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/08/25 09:08	08/09/25 18:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/08/25 09:08	08/09/25 18:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/08/25 09:08	08/09/25 18:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/08/25 09:08	08/09/25 18:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130				08/08/25 09:08	08/09/25 18:13	1
1,4-Difluorobenzene (Surr)	114		70 - 130				08/08/25 09:08	08/09/25 18:13	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			08/09/25 18:13	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			08/10/25 09:06	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		08/06/25 08:00	08/10/25 09:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/06/25 08:00	08/10/25 09:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/06/25 08:00	08/10/25 09:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				08/06/25 08:00	08/10/25 09:06	1
o-Terphenyl	115		70 - 130				08/06/25 08:00	08/10/25 09:06	1

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: S-19

Lab Sample ID: 880-61154-19

Date Collected: 08/04/25 15:39

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.62	J	9.98	0.394	mg/Kg			08/08/25 00:22	1

Client Sample ID: S-20

Lab Sample ID: 880-61154-20

Date Collected: 08/04/25 15:42

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

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		08/08/25 09:08	08/09/25 18:33	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/08/25 09:08	08/09/25 18:33	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/08/25 09:08	08/09/25 18:33	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/08/25 09:08	08/09/25 18:33	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/08/25 09:08	08/09/25 18:33	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/08/25 09:08	08/09/25 18:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130				08/08/25 09:08	08/09/25 18:33	1
1,4-Difluorobenzene (Surr)	108		70 - 130				08/08/25 09:08	08/09/25 18:33	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			08/09/25 18:33	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			08/10/25 09:21	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	<49.9	U	49.9		mg/Kg		08/06/25 08:00	08/10/25 09:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/06/25 08:00	08/10/25 09:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/06/25 08:00	08/10/25 09:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				08/06/25 08:00	08/10/25 09:21	1
o-Terphenyl	107		70 - 130				08/06/25 08:00	08/10/25 09:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.93	J	10.0	0.397	mg/Kg			08/07/25 19:25	1

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: S-21

Lab Sample ID: 880-61154-21

Date Collected: 08/04/25 15:45

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		08/06/25 09:42	08/07/25 17:06	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		08/06/25 09:42	08/07/25 17:06	1
Ethylbenzene	<0.00200	U F1 F2	0.00200		mg/Kg		08/06/25 09:42	08/07/25 17:06	1
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.00399		mg/Kg		08/06/25 09:42	08/07/25 17:06	1
o-Xylene	<0.00200	U *+ F1 F2	0.00200		mg/Kg		08/06/25 09:42	08/07/25 17:06	1
Xylenes, Total	<0.00399	U F1 F2	0.00399		mg/Kg		08/06/25 09:42	08/07/25 17:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	08/06/25 09:42	08/07/25 17:06	1
1,4-Difluorobenzene (Surr)	104		70 - 130	08/06/25 09:42	08/07/25 17:06	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			08/07/25 17:06	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			08/10/25 09:36	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		08/06/25 08:00	08/10/25 09:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/06/25 08:00	08/10/25 09:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/06/25 08:00	08/10/25 09:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	08/06/25 08:00	08/10/25 09:36	1
o-Terphenyl	110		70 - 130	08/06/25 08:00	08/10/25 09:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.34	J	9.98	0.394	mg/Kg			08/07/25 19:48	1

Client Sample ID: S-22

Lab Sample ID: 880-61154-22

Date Collected: 08/04/25 15:48

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

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		08/06/25 09:42	08/07/25 17:26	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/06/25 09:42	08/07/25 17:26	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/06/25 09:42	08/07/25 17:26	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/06/25 09:42	08/07/25 17:26	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		08/06/25 09:42	08/07/25 17:26	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/06/25 09:42	08/07/25 17:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	08/06/25 09:42	08/07/25 17:26	1

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: S-22

Lab Sample ID: 880-61154-22

Date Collected: 08/04/25 15:48

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	111		70 - 130	08/06/25 09:42	08/07/25 17:26	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			08/07/25 17:26	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			08/10/25 09:51	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		08/06/25 08:00	08/10/25 09:51	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/06/25 08:00	08/10/25 09:51	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/06/25 08:00	08/10/25 09:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				08/06/25 08:00	08/10/25 09:51	1
o-Terphenyl	117		70 - 130				08/06/25 08:00	08/10/25 09:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.25	J	10.1	0.397	mg/Kg			08/07/25 19:56	1

Client Sample ID: S-23

Lab Sample ID: 880-61154-23

Date Collected: 08/04/25 15:52

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

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		08/06/25 09:42	08/07/25 17:47	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/06/25 09:42	08/07/25 17:47	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/06/25 09:42	08/07/25 17:47	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/06/25 09:42	08/07/25 17:47	1
o-Xylene	<0.00202	U *	0.00202		mg/Kg		08/06/25 09:42	08/07/25 17:47	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/06/25 09:42	08/07/25 17:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130	08/06/25 09:42	08/07/25 17:47	1
1,4-Difluorobenzene (Surr)	108		70 - 130	08/06/25 09:42	08/07/25 17:47	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			08/07/25 17:47	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			08/10/25 10:06	1

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: S-23

Date Collected: 08/04/25 15:52

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

Lab Sample ID: 880-61154-23

Matrix: Solid

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		08/06/25 08:00	08/10/25 10:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/06/25 08:00	08/10/25 10:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/06/25 08:00	08/10/25 10:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				08/06/25 08:00	08/10/25 10:06	1
o-Terphenyl	112		70 - 130				08/06/25 08:00	08/10/25 10:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.391	U	9.90	0.391	mg/Kg			08/07/25 20:03	1

Client Sample ID: S-24

Date Collected: 08/04/25 15:55

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

Lab Sample ID: 880-61154-24

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		08/06/25 09:42	08/07/25 18:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/06/25 09:42	08/07/25 18:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/06/25 09:42	08/07/25 18:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/06/25 09:42	08/07/25 18:07	1
o-Xylene	<0.00199	U *	0.00199		mg/Kg		08/06/25 09:42	08/07/25 18:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/06/25 09:42	08/07/25 18:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				08/06/25 09:42	08/07/25 18:07	1
1,4-Difluorobenzene (Surr)	103		70 - 130				08/06/25 09:42	08/07/25 18:07	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			08/07/25 18:07	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			08/10/25 10:22	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	<49.8	U	49.8		mg/Kg		08/06/25 08:00	08/10/25 10:22	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/06/25 08:00	08/10/25 10:22	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/06/25 08:00	08/10/25 10:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				08/06/25 08:00	08/10/25 10:22	1
o-Terphenyl	113		70 - 130				08/06/25 08:00	08/10/25 10:22	1

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: S-24

Date Collected: 08/04/25 15:55

Date Received: 08/05/25 14:43

Sample Depth: 0-3'

Lab Sample ID: 880-61154-24

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.37	J	10.1	0.397	mg/Kg			08/07/25 20:11	1

Client Sample ID: B-1

Date Collected: 08/04/25 16:00

Date Received: 08/05/25 14:43

Sample Depth: 3'

Lab Sample ID: 880-61154-25

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		08/06/25 09:42	08/07/25 18:28	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/06/25 09:42	08/07/25 18:28	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/06/25 09:42	08/07/25 18:28	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/06/25 09:42	08/07/25 18:28	1
o-Xylene	<0.00198	U *	0.00198		mg/Kg		08/06/25 09:42	08/07/25 18:28	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/06/25 09:42	08/07/25 18:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				08/06/25 09:42	08/07/25 18:28	1
1,4-Difluorobenzene (Surr)	107		70 - 130				08/06/25 09:42	08/07/25 18:28	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			08/07/25 18:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/10/25 10:37	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	<49.7	U	49.7		mg/Kg		08/06/25 08:00	08/10/25 10:37	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/06/25 08:00	08/10/25 10:37	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/06/25 08:00	08/10/25 10:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				08/06/25 08:00	08/10/25 10:37	1
o-Terphenyl	117		70 - 130				08/06/25 08:00	08/10/25 10:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.57	J	9.90	0.391	mg/Kg			08/07/25 20:34	1

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: B-2

Lab Sample ID: 880-61154-26

Date Collected: 08/04/25 16:03

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 3'

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		08/06/25 09:42	08/07/25 18:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/06/25 09:42	08/07/25 18:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/06/25 09:42	08/07/25 18:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/06/25 09:42	08/07/25 18:48	1
o-Xylene	<0.00201	U *	0.00201		mg/Kg		08/06/25 09:42	08/07/25 18:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/06/25 09:42	08/07/25 18:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130	08/06/25 09:42	08/07/25 18:48	1
1,4-Difluorobenzene (Surr)	113		70 - 130	08/06/25 09:42	08/07/25 18:48	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			08/07/25 18:48	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			08/10/25 10:52	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		08/06/25 08:00	08/10/25 10:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/06/25 08:00	08/10/25 10:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/06/25 08:00	08/10/25 10:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	08/06/25 08:00	08/10/25 10:52	1
o-Terphenyl	112		70 - 130	08/06/25 08:00	08/10/25 10:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.59	J	10.1	0.397	mg/Kg			08/07/25 20:41	1

Client Sample ID: B-3

Lab Sample ID: 880-61154-27

Date Collected: 08/04/25 16:06

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 3'

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		08/06/25 09:42	08/07/25 19:09	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/06/25 09:42	08/07/25 19:09	1
Ethylbenzene	0.00216		0.00202		mg/Kg		08/06/25 09:42	08/07/25 19:09	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/06/25 09:42	08/07/25 19:09	1
o-Xylene	<0.00202	U *	0.00202		mg/Kg		08/06/25 09:42	08/07/25 19:09	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/06/25 09:42	08/07/25 19:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	08/06/25 09:42	08/07/25 19:09	1

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: B-3

Lab Sample ID: 880-61154-27

Date Collected: 08/04/25 16:06

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 3'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	108		70 - 130	08/06/25 09:42	08/07/25 19:09	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			08/07/25 19:09	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			08/07/25 00:24	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		08/04/25 15:43	08/07/25 00:24	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/04/25 15:43	08/07/25 00:24	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/04/25 15:43	08/07/25 00:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				08/04/25 15:43	08/07/25 00:24	1
o-Terphenyl	82		70 - 130				08/04/25 15:43	08/07/25 00:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.394	U	9.98	0.394	mg/Kg			08/07/25 20:49	1

Client Sample ID: B-4

Lab Sample ID: 880-61154-28

Date Collected: 08/04/25 16:09

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 3'

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		08/06/25 09:42	08/07/25 19:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/06/25 09:42	08/07/25 19:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/06/25 09:42	08/07/25 19:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/06/25 09:42	08/07/25 19:29	1
o-Xylene	<0.00199	U *	0.00199		mg/Kg		08/06/25 09:42	08/07/25 19:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/06/25 09:42	08/07/25 19:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	08/06/25 09:42	08/07/25 19:29	1
1,4-Difluorobenzene (Surr)	112		70 - 130	08/06/25 09:42	08/07/25 19:29	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			08/07/25 19:29	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			08/11/25 21:26	1

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: B-4

Lab Sample ID: 880-61154-28

Date Collected: 08/04/25 16:09

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 3'

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		08/06/25 08:07	08/11/25 21:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/06/25 08:07	08/11/25 21:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/06/25 08:07	08/11/25 21:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				08/06/25 08:07	08/11/25 21:26	1
o-Terphenyl	115		70 - 130				08/06/25 08:07	08/11/25 21:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.06	J	10.1	0.399	mg/Kg			08/07/25 20:57	1

Client Sample ID: B-5

Lab Sample ID: 880-61154-29

Date Collected: 08/04/25 16:12

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 3'

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		08/06/25 09:42	08/07/25 19:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/06/25 09:42	08/07/25 19:49	1
Ethylbenzene	0.00213		0.00200		mg/Kg		08/06/25 09:42	08/07/25 19:49	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/06/25 09:42	08/07/25 19:49	1
o-Xylene	<0.00200	U *	0.00200		mg/Kg		08/06/25 09:42	08/07/25 19:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/06/25 09:42	08/07/25 19:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	149	S1+	70 - 130				08/06/25 09:42	08/07/25 19:49	1
1,4-Difluorobenzene (Surr)	122		70 - 130				08/06/25 09:42	08/07/25 19:49	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			08/07/25 19:49	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			08/11/25 22:10	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		08/06/25 08:07	08/11/25 22:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/06/25 08:07	08/11/25 22:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/06/25 08:07	08/11/25 22:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				08/06/25 08:07	08/11/25 22:10	1
o-Terphenyl	109		70 - 130				08/06/25 08:07	08/11/25 22:10	1

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: B-5

Date Collected: 08/04/25 16:12

Date Received: 08/05/25 14:43

Sample Depth: 3'

Lab Sample ID: 880-61154-29

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.396	U	10.0	0.396	mg/Kg			08/07/25 21:04	1

Client Sample ID: B-6

Date Collected: 08/04/25 16:15

Date Received: 08/05/25 14:43

Sample Depth: 3'

Lab Sample ID: 880-61154-30

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		08/06/25 09:42	08/07/25 20:10	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/06/25 09:42	08/07/25 20:10	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/06/25 09:42	08/07/25 20:10	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/06/25 09:42	08/07/25 20:10	1
o-Xylene	<0.00198	U *	0.00198		mg/Kg		08/06/25 09:42	08/07/25 20:10	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/06/25 09:42	08/07/25 20:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	156	S1+	70 - 130	08/06/25 09:42	08/07/25 20:10	1
1,4-Difluorobenzene (Surr)	116		70 - 130	08/06/25 09:42	08/07/25 20:10	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			08/07/25 20:10	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			08/11/25 22:24	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		08/06/25 08:07	08/11/25 22:24	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/06/25 08:07	08/11/25 22:24	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/06/25 08:07	08/11/25 22:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	08/06/25 08:07	08/11/25 22:24	1
o-Terphenyl	109		70 - 130	08/06/25 08:07	08/11/25 22:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.70	J	9.96	0.393	mg/Kg			08/07/25 21:12	1

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: B-7

Lab Sample ID: 880-61154-31

Date Collected: 08/04/25 16:18

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 3'

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		08/06/25 09:42	08/07/25 22:00	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/06/25 09:42	08/07/25 22:00	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/06/25 09:42	08/07/25 22:00	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/06/25 09:42	08/07/25 22:00	1
o-Xylene	<0.00198	U *	0.00198		mg/Kg		08/06/25 09:42	08/07/25 22:00	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/06/25 09:42	08/07/25 22:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	08/06/25 09:42	08/07/25 22:00	1
1,4-Difluorobenzene (Surr)	98		70 - 130	08/06/25 09:42	08/07/25 22:00	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			08/07/25 22:00	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			08/11/25 22:38	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		08/06/25 08:07	08/11/25 22:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/06/25 08:07	08/11/25 22:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/06/25 08:07	08/11/25 22:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	08/06/25 08:07	08/11/25 22:38	1
o-Terphenyl	108		70 - 130	08/06/25 08:07	08/11/25 22:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.70	J	10.1	0.398	mg/Kg			08/07/25 21:35	1

Client Sample ID: B-8

Lab Sample ID: 880-61154-32

Date Collected: 08/04/25 16:21

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 3'

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		08/06/25 09:42	08/07/25 22:21	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/06/25 09:42	08/07/25 22:21	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/06/25 09:42	08/07/25 22:21	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/06/25 09:42	08/07/25 22:21	1
o-Xylene	<0.00201	U *	0.00201		mg/Kg		08/06/25 09:42	08/07/25 22:21	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/06/25 09:42	08/07/25 22:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	08/06/25 09:42	08/07/25 22:21	1

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: B-8

Lab Sample ID: 880-61154-32

Date Collected: 08/04/25 16:21

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 3'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	110		70 - 130	08/06/25 09:42	08/07/25 22:21	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			08/07/25 22:21	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			08/11/25 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		08/06/25 08:07	08/11/25 22:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/06/25 08:07	08/11/25 22:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/06/25 08:07	08/11/25 22:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				08/06/25 08:07	08/11/25 22:53	1
o-Terphenyl	112		70 - 130				08/06/25 08:07	08/11/25 22:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.97	J	10.1	0.397	mg/Kg			08/07/25 21:42	1

Client Sample ID: B-9

Lab Sample ID: 880-61154-33

Date Collected: 08/04/25 16:24

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 3'

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		08/06/25 09:42	08/07/25 22:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/06/25 09:42	08/07/25 22:41	1
Ethylbenzene	0.00205		0.00199		mg/Kg		08/06/25 09:42	08/07/25 22:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/06/25 09:42	08/07/25 22:41	1
o-Xylene	<0.00199	U *	0.00199		mg/Kg		08/06/25 09:42	08/07/25 22:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/06/25 09:42	08/07/25 22:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	08/06/25 09:42	08/07/25 22:41	1
1,4-Difluorobenzene (Surr)	100		70 - 130	08/06/25 09:42	08/07/25 22:41	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			08/07/25 22:41	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			08/11/25 23:07	1

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: B-9

Lab Sample ID: 880-61154-33

Date Collected: 08/04/25 16:24

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 3'

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		08/06/25 08:07	08/11/25 23:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/06/25 08:07	08/11/25 23:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/06/25 08:07	08/11/25 23:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				08/06/25 08:07	08/11/25 23:07	1
o-Terphenyl	108		70 - 130				08/06/25 08:07	08/11/25 23:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.82	J	9.98	0.394	mg/Kg			08/07/25 22:05	1

Client Sample ID: B-10

Lab Sample ID: 880-61154-34

Date Collected: 08/04/25 16:27

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 3'

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		08/06/25 09:42	08/07/25 23:01	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/06/25 09:42	08/07/25 23:01	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/06/25 09:42	08/07/25 23:01	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/06/25 09:42	08/07/25 23:01	1
o-Xylene	<0.00202	U *	0.00202		mg/Kg		08/06/25 09:42	08/07/25 23:01	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/06/25 09:42	08/07/25 23:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130				08/06/25 09:42	08/07/25 23:01	1
1,4-Difluorobenzene (Surr)	112		70 - 130				08/06/25 09:42	08/07/25 23:01	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			08/07/25 23:01	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			08/11/25 23:23	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		08/06/25 08:07	08/11/25 23:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/06/25 08:07	08/11/25 23:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/06/25 08:07	08/11/25 23:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				08/06/25 08:07	08/11/25 23:23	1
o-Terphenyl	111		70 - 130				08/06/25 08:07	08/11/25 23:23	1

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: B-10

Lab Sample ID: 880-61154-34

Date Collected: 08/04/25 16:27

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 3'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.398	U	10.1	0.398	mg/Kg			08/07/25 22:13	1

Client Sample ID: B-11

Lab Sample ID: 880-61154-35

Date Collected: 08/04/25 16:30

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 3'

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		08/06/25 09:42	08/07/25 23:22	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/06/25 09:42	08/07/25 23:22	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/06/25 09:42	08/07/25 23:22	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/06/25 09:42	08/07/25 23:22	1
o-Xylene	<0.00202	U *	0.00202		mg/Kg		08/06/25 09:42	08/07/25 23:22	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/06/25 09:42	08/07/25 23:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130				08/06/25 09:42	08/07/25 23:22	1
1,4-Difluorobenzene (Surr)	115		70 - 130				08/06/25 09:42	08/07/25 23:22	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			08/07/25 23:22	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			08/11/25 23:37	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		08/06/25 08:07	08/11/25 23:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/06/25 08:07	08/11/25 23:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/06/25 08:07	08/11/25 23:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				08/06/25 08:07	08/11/25 23:37	1
o-Terphenyl	110		70 - 130				08/06/25 08:07	08/11/25 23:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.24	J	10.1	0.397	mg/Kg			08/07/25 22:20	1

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: B-12

Lab Sample ID: 880-61154-36

Date Collected: 08/04/25 16:33

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 3'

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		08/06/25 09:42	08/07/25 23:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/06/25 09:42	08/07/25 23:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/06/25 09:42	08/07/25 23:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/06/25 09:42	08/07/25 23:42	1
o-Xylene	<0.00199	U *	0.00199		mg/Kg		08/06/25 09:42	08/07/25 23:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/06/25 09:42	08/07/25 23:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	08/06/25 09:42	08/07/25 23:42	1
1,4-Difluorobenzene (Surr)	108		70 - 130	08/06/25 09:42	08/07/25 23:42	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			08/07/25 23:42	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			08/11/25 23:53	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	<49.8	U	49.8		mg/Kg		08/06/25 08:07	08/11/25 23:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/06/25 08:07	08/11/25 23:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/06/25 08:07	08/11/25 23:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	08/06/25 08:07	08/11/25 23:53	1
o-Terphenyl	111		70 - 130	08/06/25 08:07	08/11/25 23:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.59	J	9.98	0.394	mg/Kg			08/07/25 22:28	1

Client Sample ID: B-13

Lab Sample ID: 880-61154-37

Date Collected: 08/04/25 16:36

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 3'

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		08/06/25 09:42	08/08/25 00:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/06/25 09:42	08/08/25 00:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/06/25 09:42	08/08/25 00:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/06/25 09:42	08/08/25 00:03	1
o-Xylene	<0.00200	U *	0.00200		mg/Kg		08/06/25 09:42	08/08/25 00:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/06/25 09:42	08/08/25 00:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	08/06/25 09:42	08/08/25 00:03	1

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Client Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: B-13

Lab Sample ID: 880-61154-37

Date Collected: 08/04/25 16:36

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 3'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	111		70 - 130	08/06/25 09:42	08/08/25 00:03	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			08/08/25 00:03	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			08/12/25 00:07	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		08/06/25 08:07	08/12/25 00:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/06/25 08:07	08/12/25 00:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/06/25 08:07	08/12/25 00:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				08/06/25 08:07	08/12/25 00:07	1
o-Terphenyl	108		70 - 130				08/06/25 08:07	08/12/25 00:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.14	J	9.96	0.393	mg/Kg			08/07/25 09:35	1

Client Sample ID: B-14

Lab Sample ID: 880-61154-38

Date Collected: 08/04/25 16:39

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 3'

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		08/06/25 09:42	08/08/25 00:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/06/25 09:42	08/08/25 00:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/06/25 09:42	08/08/25 00:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/06/25 09:42	08/08/25 00:23	1
o-Xylene	<0.00200	U *	0.00200		mg/Kg		08/06/25 09:42	08/08/25 00:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/06/25 09:42	08/08/25 00:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130	08/06/25 09:42	08/08/25 00:23	1
1,4-Difluorobenzene (Surr)	106		70 - 130	08/06/25 09:42	08/08/25 00:23	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			08/08/25 00:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/12/25 00:37	1

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: B-14

Date Collected: 08/04/25 16:39

Date Received: 08/05/25 14:43

Sample Depth: 3'

Lab Sample ID: 880-61154-38

Matrix: Solid

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		08/06/25 08:07	08/12/25 00:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/06/25 08:07	08/12/25 00:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/06/25 08:07	08/12/25 00:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				08/06/25 08:07	08/12/25 00:37	1
o-Terphenyl	110		70 - 130				08/06/25 08:07	08/12/25 00:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.26	J	10.0	0.396	mg/Kg			08/07/25 09:52	1

Client Sample ID: B-15

Date Collected: 08/04/25 16:42

Date Received: 08/05/25 14:43

Sample Depth: 3'

Lab Sample ID: 880-61154-39

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		08/06/25 09:42	08/08/25 00:44	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/06/25 09:42	08/08/25 00:44	1
Ethylbenzene	0.00242		0.00198		mg/Kg		08/06/25 09:42	08/08/25 00:44	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/06/25 09:42	08/08/25 00:44	1
o-Xylene	<0.00198	U *	0.00198		mg/Kg		08/06/25 09:42	08/08/25 00:44	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/06/25 09:42	08/08/25 00:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130				08/06/25 09:42	08/08/25 00:44	1
1,4-Difluorobenzene (Surr)	111		70 - 130				08/06/25 09:42	08/08/25 00:44	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			08/08/25 00:44	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			08/12/25 00:53	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		08/06/25 08:07	08/12/25 00:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/06/25 08:07	08/12/25 00:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/06/25 08:07	08/12/25 00:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				08/06/25 08:07	08/12/25 00:53	1
o-Terphenyl	111		70 - 130				08/06/25 08:07	08/12/25 00:53	1

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: B-15

Date Collected: 08/04/25 16:42

Date Received: 08/05/25 14:43

Sample Depth: 3'

Lab Sample ID: 880-61154-39

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.20	J	9.98	0.394	mg/Kg			08/07/25 09:58	1

Client Sample ID: B-16

Date Collected: 08/04/25 16:45

Date Received: 08/05/25 14:43

Sample Depth: 3'

Lab Sample ID: 880-61154-40

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		08/06/25 09:42	08/08/25 01:04	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/06/25 09:42	08/08/25 01:04	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/06/25 09:42	08/08/25 01:04	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/06/25 09:42	08/08/25 01:04	1
o-Xylene	<0.00198	U *	0.00198		mg/Kg		08/06/25 09:42	08/08/25 01:04	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/06/25 09:42	08/08/25 01:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	151	S1+	70 - 130				08/06/25 09:42	08/08/25 01:04	1
1,4-Difluorobenzene (Surr)	110		70 - 130				08/06/25 09:42	08/08/25 01:04	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			08/08/25 01:04	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			08/12/25 01:08	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		08/06/25 08:07	08/12/25 01:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/06/25 08:07	08/12/25 01:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/06/25 08:07	08/12/25 01:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				08/06/25 08:07	08/12/25 01:08	1
o-Terphenyl	110		70 - 130				08/06/25 08:07	08/12/25 01:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.41	J	10.1	0.397	mg/Kg			08/07/25 10:03	1

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: B-17

Lab Sample ID: 880-61154-41

Date Collected: 08/04/25 16:50

Matrix: Solid

Date Received: 08/05/25 14:43

Sample Depth: 3'

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		08/06/25 09:19	08/07/25 07:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/06/25 09:19	08/07/25 07:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/06/25 09:19	08/07/25 07:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/06/25 09:19	08/07/25 07:34	1
o-Xylene	<0.00200	U *	0.00200		mg/Kg		08/06/25 09:19	08/07/25 07:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/06/25 09:19	08/07/25 07:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	146	S1+	70 - 130	08/06/25 09:19	08/07/25 07:34	1
1,4-Difluorobenzene (Surr)	111		70 - 130	08/06/25 09:19	08/07/25 07:34	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			08/07/25 07:34	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			08/12/25 01:24	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		08/06/25 08:07	08/12/25 01:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/06/25 08:07	08/12/25 01:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/06/25 08:07	08/12/25 01:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	08/06/25 08:07	08/12/25 01:24	1
o-Terphenyl	102		70 - 130	08/06/25 08:07	08/12/25 01:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.35	J	9.96	0.393	mg/Kg			08/07/25 10:09	1

Eurofins Midland

Surrogate Summary

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-61152-A-1-E MS	Matrix Spike	116	99
880-61152-A-1-F MSD	Matrix Spike Duplicate	114	99
880-61154-1	S-1	87	77
880-61154-1 MS	S-1	102	90
880-61154-1 MSD	S-1	103	97
880-61154-2	S-2	99	107
880-61154-3	S-3	110	87
880-61154-4	S-4	100	86
880-61154-5	S-5	91	81
880-61154-6	S-6	101	84
880-61154-7	S-7	90	92
880-61154-8	S-8	108	85
880-61154-9	S-9	107	109
880-61154-10	S-10	96	79
880-61154-11	S-11	96	87
880-61154-12	S-12	85	88
880-61154-13	S-13	91	103
880-61154-14	S-14	121	93
880-61154-15	S-15	136 S1+	100
880-61154-16	S-16	118	95
880-61154-17	S-17	115	102
880-61154-18	S-18	127	106
880-61154-19	S-19	145 S1+	114
880-61154-20	S-20	141 S1+	108
880-61154-21	S-21	100	104
880-61154-21 MS	S-21	124	97
880-61154-21 MSD	S-21	316 S1+	167 S1+
880-61154-22	S-22	128	111
880-61154-23	S-23	133 S1+	108
880-61154-24	S-24	125	103
880-61154-25	B-1	131 S1+	107
880-61154-26	B-2	138 S1+	113
880-61154-27	B-3	139 S1+	108
880-61154-28	B-4	141 S1+	112
880-61154-29	B-5	149 S1+	122
880-61154-30	B-6	156 S1+	116
880-61154-31	B-7	98	98
880-61154-32	B-8	126	110
880-61154-33	B-9	115	100
880-61154-34	B-10	135 S1+	112
880-61154-35	B-11	139 S1+	115
880-61154-36	B-12	131 S1+	108
880-61154-37	B-13	139 S1+	111
880-61154-38	B-14	134 S1+	106
880-61154-39	B-15	141 S1+	111
880-61154-40	B-16	151 S1+	110
880-61154-41	B-17	146 S1+	111
890-8587-A-1-A MS	Matrix Spike	135 S1+	96
890-8587-A-1-B MSD	Matrix Spike Duplicate	218 S1+	124

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Surrogate Summary

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

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)
890-8589-A-1-A MS	Matrix Spike	125	100
890-8589-A-1-B MSD	Matrix Spike Duplicate	122	94
LCS 880-115945/1-A	Lab Control Sample	116	103
LCS 880-115953/1-A	Lab Control Sample	109	96
LCS 880-115954/1-A	Lab Control Sample	115	98
LCS 880-116191/1-A	Lab Control Sample	116	101
LCS 880-116192/1-A	Lab Control Sample	109	96
LCSD 880-115945/2-A	Lab Control Sample Dup	121	98
LCSD 880-115953/2-A	Lab Control Sample Dup	131 S1+	108
LCSD 880-115954/2-A	Lab Control Sample Dup	125	98
LCSD 880-116191/2-A	Lab Control Sample Dup	118	94
LCSD 880-116192/2-A	Lab Control Sample Dup	111	99
MB 880-115882/5-A	Method Blank	167 S1+	92
MB 880-115945/5-A	Method Blank	196 S1+	99
MB 880-115953/5-A	Method Blank	78	97
MB 880-115954/5-A	Method Blank	287 S1+	153 S1+
MB 880-115975/5-A	Method Blank	167 S1+	86
MB 880-116191/5-A	Method Blank	156 S1+	82
MB 880-116192/5-A	Method Blank	180 S1+	99

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-61067-A-23-D MS	Matrix Spike	81	88
880-61067-A-23-E MSD	Matrix Spike Duplicate	98	88
880-61152-A-1-B MS	Matrix Spike	107	110
880-61152-A-1-C MSD	Matrix Spike Duplicate	108	111
880-61154-1	S-1	101	112
880-61154-2	S-2	103	113
880-61154-3	S-3	104	118
880-61154-4	S-4	103	117
880-61154-5	S-5	102	115
880-61154-6	S-6	103	117
880-61154-7	S-7	98	109
880-61154-7 MS	S-7	109	110
880-61154-7 MSD	S-7	110	109
880-61154-8	S-8	99	112
880-61154-9	S-9	102	115
880-61154-10	S-10	101	116
880-61154-11	S-11	90	101
880-61154-12	S-12	101	112
880-61154-13	S-13	98	112
880-61154-14	S-14	100	116
880-61154-15	S-15	99	114

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Surrogate Summary

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-61154-16	S-16	101	115
880-61154-17	S-17	103	114
880-61154-18	S-18	100	115
880-61154-19	S-19	100	115
880-61154-20	S-20	96	107
880-61154-21	S-21	100	110
880-61154-22	S-22	101	117
880-61154-23	S-23	97	112
880-61154-24	S-24	102	113
880-61154-25	B-1	102	117
880-61154-26	B-2	98	112
880-61154-27	B-3	83	82
880-61154-28	B-4	101	115
880-61154-28 MS	B-4	101	104
880-61154-28 MSD	B-4	103	106
880-61154-29	B-5	94	109
880-61154-30	B-6	94	109
880-61154-31	B-7	94	108
880-61154-32	B-8	98	112
880-61154-33	B-9	95	108
880-61154-34	B-10	97	111
880-61154-35	B-11	99	110
880-61154-36	B-12	98	111
880-61154-37	B-13	94	108
880-61154-38	B-14	97	110
880-61154-39	B-15	96	111
880-61154-40	B-16	100	110
880-61154-41	B-17	90	102
LCS 880-115794/2-A	Lab Control Sample	108	102
LCS 880-115922/2-A	Lab Control Sample	121	129
LCS 880-115923/2-A	Lab Control Sample	129	135 S1+
LCS 880-115924/2-A	Lab Control Sample	130	138 S1+
LCSD 880-115794/3-A	Lab Control Sample Dup	113	105
LCSD 880-115922/3-A	Lab Control Sample Dup	126	131 S1+
LCSD 880-115923/3-A	Lab Control Sample Dup	131 S1+	136 S1+
LCSD 880-115924/3-A	Lab Control Sample Dup	130	138 S1+
MB 880-115794/1-A	Method Blank	91	93
MB 880-115922/1-A	Method Blank	100	119
MB 880-115923/1-A	Method Blank	70	82
MB 880-115924/1-A	Method Blank	77	89

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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QC Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-115882/5-A

Matrix: Solid

Analysis Batch: 115929

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 115882

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/05/25 13:07	08/06/25 12:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/25 13:07	08/06/25 12:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/25 13:07	08/06/25 12:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/05/25 13:07	08/06/25 12:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/25 13:07	08/06/25 12:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/05/25 13:07	08/06/25 12:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	167	S1+	70 - 130	08/05/25 13:07	08/06/25 12:10	1
1,4-Difluorobenzene (Surr)	92		70 - 130	08/05/25 13:07	08/06/25 12:10	1

Lab Sample ID: MB 880-115945/5-A

Matrix: Solid

Analysis Batch: 115929

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 115945

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/06/25 09:19	08/06/25 23:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/06/25 09:19	08/06/25 23:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/06/25 09:19	08/06/25 23:48	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/06/25 09:19	08/06/25 23:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/06/25 09:19	08/06/25 23:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/06/25 09:19	08/06/25 23:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	196	S1+	70 - 130	08/06/25 09:19	08/06/25 23:48	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/06/25 09:19	08/06/25 23:48	1

Lab Sample ID: LCS 880-115945/1-A

Matrix: Solid

Analysis Batch: 115929

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 115945

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1030		mg/Kg		103	70 - 130
Toluene	0.100	0.09641		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.09514		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	0.200	0.2389		mg/Kg		119	70 - 130
o-Xylene	0.100	0.1315	*+	mg/Kg		131	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-115945/2-A

Matrix: Solid

Analysis Batch: 115929

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 115945

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1033		mg/Kg		103	70 - 130	0	35

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QC Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

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

Lab Sample ID: LCSD 880-115945/2-A

Matrix: Solid

Analysis Batch: 115929

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 115945

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.09374		mg/Kg		94	70 - 130	3	35
Ethylbenzene	0.100	0.1022		mg/Kg		102	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.2474		mg/Kg		124	70 - 130	3	35
o-Xylene	0.100	0.1365	*+	mg/Kg		136	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-61152-A-1-E MS

Matrix: Solid

Analysis Batch: 115929

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 115945

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09860		mg/Kg		99	70 - 130
Toluene	<0.00200	U	0.100	0.09817		mg/Kg		98	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09203		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2269		mg/Kg		113	70 - 130
o-Xylene	<0.00200	U *+	0.100	0.1247		mg/Kg		125	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-61152-A-1-F MSD

Matrix: Solid

Analysis Batch: 115929

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 115945

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	0.09705		mg/Kg		97	70 - 130	2	35
Toluene	<0.00200	U	0.100	0.09045		mg/Kg		90	70 - 130	8	35
Ethylbenzene	<0.00200	U	0.100	0.07749		mg/Kg		77	70 - 130	17	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1888		mg/Kg		94	70 - 130	18	35
o-Xylene	<0.00200	U *+	0.100	0.1199		mg/Kg		120	70 - 130	4	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-115953/5-A

Matrix: Solid

Analysis Batch: 116038

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 115953

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/06/25 09:40	08/07/25 13:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/06/25 09:40	08/07/25 13:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/06/25 09:40	08/07/25 13:06	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/06/25 09:40	08/07/25 13:06	1

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QC Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

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

Lab Sample ID: MB 880-115953/5-A

Matrix: Solid

Analysis Batch: 116038

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 115953

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/06/25 09:40	08/07/25 13:06	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/06/25 09:40	08/07/25 13:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130	08/06/25 09:40	08/07/25 13:06	1
1,4-Difluorobenzene (Surr)	97		70 - 130	08/06/25 09:40	08/07/25 13:06	1

Lab Sample ID: LCS 880-115953/1-A

Matrix: Solid

Analysis Batch: 116038

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 115953

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1095		mg/Kg		109	70 - 130
Toluene	0.100	0.1019		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.09417		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1872		mg/Kg		94	70 - 130
o-Xylene	0.100	0.08823		mg/Kg		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-115953/2-A

Matrix: Solid

Analysis Batch: 116038

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 115953

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09912		mg/Kg		99	70 - 130	10	35
Toluene	0.100	0.1084		mg/Kg		108	70 - 130	6	35
Ethylbenzene	0.100	0.1419	*+ *1	mg/Kg		142	70 - 130	40	35
m-Xylene & p-Xylene	0.200	0.2675	*+	mg/Kg		134	70 - 130	35	35
o-Xylene	0.100	0.1256		mg/Kg		126	70 - 130	35	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 880-61154-1 MS

Matrix: Solid

Analysis Batch: 116038

Client Sample ID: S-1

Prep Type: Total/NA

Prep Batch: 115953

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08340		mg/Kg		83	70 - 130
Toluene	<0.00200	U	0.100	0.09265		mg/Kg		93	70 - 130
Ethylbenzene	<0.00200	U *+ *1	0.100	0.1009		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	<0.00399	U *+	0.200	0.1864		mg/Kg		93	70 - 130
o-Xylene	<0.00200	U	0.100	0.08852		mg/Kg		89	70 - 130

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QC Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

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

Lab Sample ID: 880-61154-1 MS

Matrix: Solid

Analysis Batch: 116038

Client Sample ID: S-1

Prep Type: Total/NA

Prep Batch: 115953

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

Lab Sample ID: 880-61154-1 MSD

Matrix: Solid

Analysis Batch: 116038

Client Sample ID: S-1

Prep Type: Total/NA

Prep Batch: 115953

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	0.09767		mg/Kg		98	70 - 130	16	35
Toluene	<0.00200	U	0.100	0.08572		mg/Kg		86	70 - 130	8	35
Ethylbenzene	<0.00200	U *+ *1	0.100	0.08623		mg/Kg		86	70 - 130	16	35
m-Xylene & p-Xylene	<0.00399	U *+	0.200	0.2029		mg/Kg		101	70 - 130	8	35
o-Xylene	<0.00200	U	0.100	0.09817		mg/Kg		98	70 - 130	10	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: MB 880-115954/5-A

Matrix: Solid

Analysis Batch: 116039

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 115954

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/06/25 09:42	08/07/25 16:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/06/25 09:42	08/07/25 16:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/06/25 09:42	08/07/25 16:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/06/25 09:42	08/07/25 16:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/06/25 09:42	08/07/25 16:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/06/25 09:42	08/07/25 16:37	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	287	S1+	70 - 130	08/06/25 09:42	08/07/25 16:37	1			
1,4-Difluorobenzene (Surr)	153	S1+	70 - 130	08/06/25 09:42	08/07/25 16:37	1			

Lab Sample ID: LCS 880-115954/1-A

Matrix: Solid

Analysis Batch: 116039

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 115954

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1056		mg/Kg		106	70 - 130
Toluene	0.100	0.1033		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.09390		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.2412		mg/Kg		121	70 - 130
o-Xylene	0.100	0.1314	*+	mg/Kg		131	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130

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QC Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

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

Lab Sample ID: LCS 880-115954/1-A

Matrix: Solid

Analysis Batch: 116039

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 115954

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

Lab Sample ID: LCSD 880-115954/2-A

Matrix: Solid

Analysis Batch: 116039

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 115954

	LCS	LCS									
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1013		mg/Kg		101	70 - 130	4	35
Toluene			0.100	0.1024		mg/Kg		102	70 - 130	1	35
Ethylbenzene			0.100	0.1055		mg/Kg		106	70 - 130	12	35
m-Xylene & p-Xylene			0.200	0.2489		mg/Kg		124	70 - 130	3	35
o-Xylene			0.100	0.1252		mg/Kg		125	70 - 130	5	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	125		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-61154-21 MS

Matrix: Solid

Analysis Batch: 116039

Client Sample ID: S-21

Prep Type: Total/NA

Prep Batch: 115954

	Sample	Sample	Spike	MS	MS						
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U F1	0.100	0.09681		mg/Kg		97	70 - 130		
Toluene	<0.00200	U F1	0.100	0.09609		mg/Kg		96	70 - 130		
Ethylbenzene	<0.00200	U F1 F2	0.100	0.1037		mg/Kg		102	70 - 130		
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.200	0.2528		mg/Kg		126	70 - 130		
o-Xylene	<0.00200	U *+ F1 F2	0.100	0.1349	F1	mg/Kg		135	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	124		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-61154-21 MSD

Matrix: Solid

Analysis Batch: 116039

Client Sample ID: S-21

Prep Type: Total/NA

Prep Batch: 115954

	Sample	Sample	Spike	MSD	MSD						
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35
Toluene	<0.00200	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35
Ethylbenzene	<0.00200	U F1 F2	0.100	0.002254	F1 F2	mg/Kg		0.7	70 - 130	191	35
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.200	0.007617	F1 F2	mg/Kg		4	70 - 130	188	35
o-Xylene	<0.00200	U *+ F1 F2	0.100	0.003037	F1 F2	mg/Kg		3	70 - 130	191	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	316	S1+	70 - 130
1,4-Difluorobenzene (Surr)	167	S1+	70 - 130

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QC Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-115975/5-A

Matrix: Solid

Analysis Batch: 116181

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 115975

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/06/25 17:00	08/08/25 12:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/06/25 17:00	08/08/25 12:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/06/25 17:00	08/08/25 12:54	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/06/25 17:00	08/08/25 12:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/06/25 17:00	08/08/25 12:54	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/06/25 17:00	08/08/25 12:54	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	167	S1+	70 - 130	08/06/25 17:00	08/08/25 12:54	1
1,4-Difluorobenzene (Surr)	86		70 - 130	08/06/25 17:00	08/08/25 12:54	1

Lab Sample ID: MB 880-116191/5-A

Matrix: Solid

Analysis Batch: 116181

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 116191

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/08/25 09:08	08/09/25 12:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/08/25 09:08	08/09/25 12:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/08/25 09:08	08/09/25 12:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/08/25 09:08	08/09/25 12:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/08/25 09:08	08/09/25 12:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/08/25 09:08	08/09/25 12:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	156	S1+	70 - 130	08/08/25 09:08	08/09/25 12:08	1
1,4-Difluorobenzene (Surr)	82		70 - 130	08/08/25 09:08	08/09/25 12:08	1

Lab Sample ID: LCS 880-116191/1-A

Matrix: Solid

Analysis Batch: 116181

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 116191

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1081		mg/Kg		108	70 - 130
Toluene	0.100	0.1034		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1036		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	0.200	0.2332		mg/Kg		117	70 - 130
o-Xylene	0.100	0.1225		mg/Kg		122	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-116191/2-A

Matrix: Solid

Analysis Batch: 116181

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 116191

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1025		mg/Kg		102	70 - 130	5	35

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QC Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

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

Lab Sample ID: LCSD 880-116191/2-A

Matrix: Solid

Analysis Batch: 116181

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 116191

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.1037		mg/Kg		104	70 - 130	0	35
Ethylbenzene	0.100	0.09993		mg/Kg		100	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.2388		mg/Kg		119	70 - 130	2	35
o-Xylene	0.100	0.1302		mg/Kg		130	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 890-8587-A-1-A MS

Matrix: Solid

Analysis Batch: 116181

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 116191

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08610		mg/Kg		86	70 - 130
Toluene	<0.00200	U F1	0.100	0.07822		mg/Kg		78	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.06078	F1	mg/Kg		59	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.2201		mg/Kg		110	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.1269		mg/Kg		127	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 890-8587-A-1-B MSD

Matrix: Solid

Analysis Batch: 116181

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 116191

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	0.09150		mg/Kg		91	70 - 130	6	35
Toluene	<0.00200	U F1	0.100	0.05887	F1	mg/Kg		59	70 - 130	28	35
Ethylbenzene	<0.00200	U F1	0.100	0.06096	F1	mg/Kg		59	70 - 130	0	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.2898	F1	mg/Kg		145	70 - 130	27	35
o-Xylene	<0.00200	U F1	0.100	0.1781	F1	mg/Kg		178	70 - 130	34	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	218	S1+	70 - 130
1,4-Difluorobenzene (Surr)	124		70 - 130

Lab Sample ID: MB 880-116192/5-A

Matrix: Solid

Analysis Batch: 116181

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 116192

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/08/25 09:11	08/09/25 00:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/08/25 09:11	08/09/25 00:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/08/25 09:11	08/09/25 00:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/08/25 09:11	08/09/25 00:32	1

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QC Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

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

Lab Sample ID: MB 880-116192/5-A

Matrix: Solid

Analysis Batch: 116181

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 116192

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/08/25 09:11	08/09/25 00:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/08/25 09:11	08/09/25 00:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	180	S1+	70 - 130	08/08/25 09:11	08/09/25 00:32	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/08/25 09:11	08/09/25 00:32	1

Lab Sample ID: LCS 880-116192/1-A

Matrix: Solid

Analysis Batch: 116181

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 116192

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1032		mg/Kg		103	70 - 130
Toluene	0.100	0.1031		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.09487		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	0.200	0.2348		mg/Kg		117	70 - 130
o-Xylene	0.100	0.1302		mg/Kg		130	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-116192/2-A

Matrix: Solid

Analysis Batch: 116181

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 116192

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1056		mg/Kg		106	70 - 130	2	35
Toluene	0.100	0.1056		mg/Kg		106	70 - 130	2	35
Ethylbenzene	0.100	0.09812		mg/Kg		98	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2304		mg/Kg		115	70 - 130	2	35
o-Xylene	0.100	0.1257		mg/Kg		126	70 - 130	3	35

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

Lab Sample ID: 890-8589-A-1-A MS

Matrix: Solid

Analysis Batch: 116181

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 116192

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1056		mg/Kg		106	70 - 130
Toluene	<0.00200	U	0.100	0.09772		mg/Kg		98	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1018		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2100		mg/Kg		105	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.1429	F1	mg/Kg		143	70 - 130

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QC Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

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

Lab Sample ID: 890-8589-A-1-A MS

Matrix: Solid

Analysis Batch: 116181

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 116192

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	125		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-8589-A-1-B MSD

Matrix: Solid

Analysis Batch: 116181

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 116192

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	0.09933		mg/Kg		99	70 - 130	6	35
Toluene	<0.00200	U	0.100	0.09556		mg/Kg		96	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.100	0.09341		mg/Kg		92	70 - 130	9	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1783		mg/Kg		89	70 - 130	16	35
o-Xylene	<0.00200	U F1	0.100	0.1315	F1	mg/Kg		131	70 - 130	8	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	122		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

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

Lab Sample ID: MB 880-115794/1-A

Matrix: Solid

Analysis Batch: 115962

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 115794

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		08/04/25 15:43	08/06/25 17:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/04/25 15:43	08/06/25 17:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/04/25 15:43	08/06/25 17:51	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	91		70 - 130	08/04/25 15:43	08/06/25 17:51	1			
o-Terphenyl	93		70 - 130	08/04/25 15:43	08/06/25 17:51	1			

Lab Sample ID: LCS 880-115794/2-A

Matrix: Solid

Analysis Batch: 115962

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 115794

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	963.4		mg/Kg		96	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	923.7		mg/Kg		92	70 - 130		

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	108		70 - 130
o-Terphenyl	102		70 - 130

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QC Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

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

Lab Sample ID: LCSD 880-115794/3-A

Matrix: Solid

Analysis Batch: 115962

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 115794

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1049		mg/Kg		105	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	1000	998.8		mg/Kg		100	70 - 130	8	20
	LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	113		70 - 130						
o-Terphenyl	105		70 - 130						

Lab Sample ID: 880-61067-A-23-D MS

Matrix: Solid

Analysis Batch: 115962

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 115794

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	773.2		mg/Kg		77	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	998	895.5		mg/Kg		90	70 - 130		
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	81		70 - 130								
o-Terphenyl	88		70 - 130								

Lab Sample ID: 880-61067-A-23-E MSD

Matrix: Solid

Analysis Batch: 115962

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 115794

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	789.5		mg/Kg		79	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	868.1		mg/Kg		87	70 - 130	3	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	98		70 - 130								
o-Terphenyl	88		70 - 130								

Lab Sample ID: MB 880-115922/1-A

Matrix: Solid

Analysis Batch: 116303

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 115922

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		08/06/25 07:57	08/09/25 08:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/06/25 07:57	08/09/25 08:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/06/25 07:57	08/09/25 08:13	1

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QC Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

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

Lab Sample ID: MB 880-115922/1-A

Matrix: Solid

Analysis Batch: 116303

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 115922

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
1-Chlorooctane	100		70 - 130	08/06/25 07:57	08/09/25 08:13	1				
o-Terphenyl	119		70 - 130	08/06/25 07:57	08/09/25 08:13	1				

Lab Sample ID: LCS 880-115922/2-A

Matrix: Solid

Analysis Batch: 116303

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 115922

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1042		mg/Kg		104	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	986.2		mg/Kg		99	70 - 130		
Surrogate	LCS	LCS									
%Recovery	Qualifier	Limits									
1-Chlorooctane	121		70 - 130								
o-Terphenyl	129		70 - 130								

Lab Sample ID: LCSD 880-115922/3-A

Matrix: Solid

Analysis Batch: 116303

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 115922

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1064		mg/Kg		106	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1020		mg/Kg		102	70 - 130	3	20
Surrogate	LCSD	LCSD									
%Recovery	Qualifier	Limits									
1-Chlorooctane	126		70 - 130								
o-Terphenyl	131	S1+	70 - 130								

Lab Sample ID: 880-61152-A-1-B MS

Matrix: Solid

Analysis Batch: 116303

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 115922

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	837.7		mg/Kg		84	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	998	892.4		mg/Kg		89	70 - 130		
Surrogate	MS	MS									
%Recovery	Qualifier	Limits									
1-Chlorooctane	107		70 - 130								
o-Terphenyl	110		70 - 130								

Eurofins Midland

QC Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

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

Lab Sample ID: 880-61152-A-1-C MSD

Matrix: Solid

Analysis Batch: 116303

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 115922

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	998	868.9		mg/Kg		87	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	918.7		mg/Kg		92	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	108		70 - 130								
o-Terphenyl	111		70 - 130								

Lab Sample ID: MB 880-115923/1-A

Matrix: Solid

Analysis Batch: 116303

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 115923

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		08/06/25 08:00	08/10/25 04:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/06/25 08:00	08/10/25 04:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/06/25 08:00	08/10/25 04:36	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				08/06/25 08:00	08/10/25 04:36	1
o-Terphenyl	82		70 - 130				08/06/25 08:00	08/10/25 04:36	1

Lab Sample ID: LCS 880-115923/2-A

Matrix: Solid

Analysis Batch: 116303

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 115923

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1111		mg/Kg		111	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1051		mg/Kg		105	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	129		70 - 130						
o-Terphenyl	135	S1+	70 - 130						

Lab Sample ID: LCSD 880-115923/3-A

Matrix: Solid

Analysis Batch: 116303

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 115923

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1131		mg/Kg		113	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1033		mg/Kg		103	70 - 130	2	20

Eurofins Midland

QC Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

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

Lab Sample ID: LCSD 880-115923/3-A

Matrix: Solid

Analysis Batch: 116303

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 115923

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	131	S1+	70 - 130
o-Terphenyl	136	S1+	70 - 130

Lab Sample ID: 880-61154-7 MS

Matrix: Solid

Analysis Batch: 116303

Client Sample ID: S-7

Prep Type: Total/NA

Prep Batch: 115923

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	897.5		mg/Kg		90	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	997	900.8		mg/Kg		90	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	109		70 - 130						
o-Terphenyl	110		70 - 130						

Lab Sample ID: 880-61154-7 MSD

Matrix: Solid

Analysis Batch: 116303

Client Sample ID: S-7

Prep Type: Total/NA

Prep Batch: 115923

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	931.6		mg/Kg		93	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	933.1		mg/Kg		94	70 - 130	4	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	110		70 - 130								
o-Terphenyl	109		70 - 130								

Lab Sample ID: MB 880-115924/1-A

Matrix: Solid

Analysis Batch: 116377

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 115924

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		08/06/25 08:07	08/11/25 20:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/06/25 08:07	08/11/25 20:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/06/25 08:07	08/11/25 20:42	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				08/06/25 08:07	08/11/25 20:42	1
o-Terphenyl	89		70 - 130				08/06/25 08:07	08/11/25 20:42	1

Eurofins Midland

QC Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

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

Lab Sample ID: LCS 880-115924/2-A

Matrix: Solid

Analysis Batch: 116377

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 115924

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1014		mg/Kg		101	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	907.5		mg/Kg		91	70 - 130		
	LCS		LCS								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	130		70 - 130								
o-Terphenyl	138	S1+	70 - 130								

Lab Sample ID: LCSD 880-115924/3-A

Matrix: Solid

Analysis Batch: 116377

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 115924

Top Bottom: 100%											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1042		mg/Kg		104	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	935.3		mg/Kg		94	70 - 130	3	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
1-Chlorooctane	130		70 - 130								
o-Terphenyl	138	S1+	70 - 130								

Lab Sample ID: 880-61154-28 MS

Matrix: Solid

Analysis Batch: 116377

Client Sample ID: B-4

Prep Type: Total/NA

Prep Batch: 115924

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	798.8		mg/Kg		80	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	998	843.8		mg/Kg		85	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	101		70 - 130								
o-Terphenyl	104		70 - 130								

Lab Sample ID: 880-61154-28 MSD

Matrix: Solid

Analysis Batch: 116377

Client Sample ID: B-4

Prep Type: Total/NA

Prep Batch: 115924

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	833.0		mg/Kg	-	83	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	905.9		mg/Kg		91	70 - 130	7	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	103		70 - 130								

Eurofins Midland

QC Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

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

Lab Sample ID: 880-61154-28 MSD

Matrix: Solid

Analysis Batch: 116377

Client Sample ID: B-4

Prep Type: Total/NA

Prep Batch: 115924

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
o-Terphenyl	106		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-115982/1-A

Matrix: Solid

Analysis Batch: 116003

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier								
Chloride	<0.395	U		10.0	0.395	mg/Kg			08/07/25 03:51	1

Lab Sample ID: LCS 880-115982/2-A

Matrix: Solid

Analysis Batch: 116003

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte		Spike	LCS	LCS				%Rec	
		Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride		250	232.4		mg/Kg		93	90 - 110	

Lab Sample ID: LCSD 880-115982/3-A

Matrix: Solid

Analysis Batch: 116003

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte		Spike	LCSD	LCSD				%Rec		RPD
		Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride		250	233.4		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 880-61154-10 MS

Matrix: Solid

Analysis Batch: 116003

Client Sample ID: S-10

Prep Type: Soluble

Analyte	Sample	Sample	Spike	MS	MS			%Rec	
	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Chloride	5.02	J	250	243.1		mg/Kg		95	90 - 110

Lab Sample ID: 880-61154-10 MSD

Matrix: Solid

Analysis Batch: 116003

Client Sample ID: S-10

Prep Type: Soluble

Analyte	Sample	Sample	Spike	MSD	MSD			%Rec		RPD
	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD
Chloride	5.02	J	250	243.3		mg/Kg		95	90 - 110	0

Lab Sample ID: MB 880-116015/1-A

Matrix: Solid

Analysis Batch: 116034

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier								
Chloride	<0.395	U		10.0	0.395	mg/Kg			08/07/25 09:18	1

Eurofins Midland

QC Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-116015/2-A

Matrix: Solid

Analysis Batch: 116034

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	226.2		mg/Kg		90	90 - 110

Lab Sample ID: LCSD 880-116015/3-A

Matrix: Solid

Analysis Batch: 116034

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	227.4		mg/Kg		91	90 - 110	1	20

Lab Sample ID: 880-61154-37 MS

Matrix: Solid

Analysis Batch: 116034

Client Sample ID: B-13

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4.14	J	249	229.0		mg/Kg		90	90 - 110

Lab Sample ID: 880-61154-37 MSD

Matrix: Solid

Analysis Batch: 116034

Client Sample ID: B-13

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4.14	J	249	230.3		mg/Kg		91	90 - 110	1	20

Lab Sample ID: MB 880-116019/1-A

Matrix: Solid

Analysis Batch: 116118

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	10.0	0.395	mg/Kg			08/07/25 19:02	1

Lab Sample ID: LCS 880-116019/2-A

Matrix: Solid

Analysis Batch: 116118

Client Sample ID: Lab Control Sample

Prep Type: Soluble

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

Lab Sample ID: LCSD 880-116019/3-A

Matrix: Solid

Analysis Batch: 116118

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	240.6		mg/Kg		96	90 - 110	0	20

Lab Sample ID: 880-61154-20 MS

Matrix: Solid

Analysis Batch: 116118

Client Sample ID: S-20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4.93	J	251	255.6		mg/Kg		100	90 - 110

Eurofins Midland

QC Sample Results

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-61154-20 MSD

Matrix: Solid

Analysis Batch: 116118

Client Sample ID: S-20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4.93	J	251	253.6		mg/Kg		99	90 - 110	1	20

Lab Sample ID: 880-61154-30 MS

Matrix: Solid

Analysis Batch: 116118

Client Sample ID: B-6

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	3.70	J	249	253.3		mg/Kg		100	90 - 110		

Lab Sample ID: 880-61154-30 MSD

Matrix: Solid

Analysis Batch: 116118

Client Sample ID: B-6

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3.70	J	249	254.2		mg/Kg		101	90 - 110	0	20

Lab Sample ID: MB 880-116018/1-A

Matrix: Solid

Analysis Batch: 116123

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	10.0	0.395	mg/Kg			08/07/25 23:29	1

Lab Sample ID: LCS 880-116018/2-A

Matrix: Solid

Analysis Batch: 116123

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	246.8		mg/Kg		99	90 - 110		

Lab Sample ID: LCSD 880-116018/3-A

Matrix: Solid

Analysis Batch: 116123

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	243.2		mg/Kg		97	90 - 110	1	20

Lab Sample ID: 880-61154-17 MS

Matrix: Solid

Analysis Batch: 116123

Client Sample ID: S-17

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	3.69	J	249	254.5		mg/Kg		101	90 - 110		

Lab Sample ID: 880-61154-17 MSD

Matrix: Solid

Analysis Batch: 116123

Client Sample ID: S-17

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3.69	J	249	251.4		mg/Kg		99	90 - 110	1	20

Eurofins Midland

QC Association Summary

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

GC VOA

Prep Batch: 115882

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-115882/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 115929

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61154-41	B-17	Total/NA	Solid	8021B	115945
MB 880-115882/5-A	Method Blank	Total/NA	Solid	8021B	115882
MB 880-115945/5-A	Method Blank	Total/NA	Solid	8021B	115945
LCS 880-115945/1-A	Lab Control Sample	Total/NA	Solid	8021B	115945
LCSD 880-115945/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	115945
880-61152-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	115945
880-61152-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	115945

Prep Batch: 115945

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61154-41	B-17	Total/NA	Solid	5035	
MB 880-115945/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-115945/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-115945/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-61152-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
880-61152-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 115953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61154-1	S-1	Total/NA	Solid	5035	
880-61154-2	S-2	Total/NA	Solid	5035	
880-61154-3	S-3	Total/NA	Solid	5035	
880-61154-4	S-4	Total/NA	Solid	5035	
880-61154-5	S-5	Total/NA	Solid	5035	
880-61154-6	S-6	Total/NA	Solid	5035	
880-61154-7	S-7	Total/NA	Solid	5035	
880-61154-8	S-8	Total/NA	Solid	5035	
880-61154-9	S-9	Total/NA	Solid	5035	
880-61154-10	S-10	Total/NA	Solid	5035	
880-61154-11	S-11	Total/NA	Solid	5035	
880-61154-12	S-12	Total/NA	Solid	5035	
880-61154-13	S-13	Total/NA	Solid	5035	
MB 880-115953/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-115953/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-115953/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-61154-1 MS	S-1	Total/NA	Solid	5035	
880-61154-1 MSD	S-1	Total/NA	Solid	5035	

Prep Batch: 115954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61154-21	S-21	Total/NA	Solid	5035	
880-61154-22	S-22	Total/NA	Solid	5035	
880-61154-23	S-23	Total/NA	Solid	5035	
880-61154-24	S-24	Total/NA	Solid	5035	
880-61154-25	B-1	Total/NA	Solid	5035	
880-61154-26	B-2	Total/NA	Solid	5035	
880-61154-27	B-3	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

GC VOA (Continued)

Prep Batch: 115954 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61154-28	B-4	Total/NA	Solid	5035	
880-61154-29	B-5	Total/NA	Solid	5035	
880-61154-30	B-6	Total/NA	Solid	5035	
880-61154-31	B-7	Total/NA	Solid	5035	
880-61154-32	B-8	Total/NA	Solid	5035	
880-61154-33	B-9	Total/NA	Solid	5035	
880-61154-34	B-10	Total/NA	Solid	5035	
880-61154-35	B-11	Total/NA	Solid	5035	
880-61154-36	B-12	Total/NA	Solid	5035	
880-61154-37	B-13	Total/NA	Solid	5035	
880-61154-38	B-14	Total/NA	Solid	5035	
880-61154-39	B-15	Total/NA	Solid	5035	
880-61154-40	B-16	Total/NA	Solid	5035	
MB 880-115954/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-115954/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-115954/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-61154-21 MS	S-21	Total/NA	Solid	5035	
880-61154-21 MSD	S-21	Total/NA	Solid	5035	

Prep Batch: 115975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-115975/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 116038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61154-1	S-1	Total/NA	Solid	8021B	115953
880-61154-2	S-2	Total/NA	Solid	8021B	115953
880-61154-3	S-3	Total/NA	Solid	8021B	115953
880-61154-4	S-4	Total/NA	Solid	8021B	115953
880-61154-5	S-5	Total/NA	Solid	8021B	115953
880-61154-6	S-6	Total/NA	Solid	8021B	115953
880-61154-7	S-7	Total/NA	Solid	8021B	115953
880-61154-8	S-8	Total/NA	Solid	8021B	115953
880-61154-9	S-9	Total/NA	Solid	8021B	115953
880-61154-10	S-10	Total/NA	Solid	8021B	115953
880-61154-11	S-11	Total/NA	Solid	8021B	115953
880-61154-12	S-12	Total/NA	Solid	8021B	115953
880-61154-13	S-13	Total/NA	Solid	8021B	115953
MB 880-115953/5-A	Method Blank	Total/NA	Solid	8021B	115953
LCS 880-115953/1-A	Lab Control Sample	Total/NA	Solid	8021B	115953
LCSD 880-115953/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	115953
880-61154-1 MS	S-1	Total/NA	Solid	8021B	115953
880-61154-1 MSD	S-1	Total/NA	Solid	8021B	115953

Analysis Batch: 116039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61154-21	S-21	Total/NA	Solid	8021B	115954
880-61154-22	S-22	Total/NA	Solid	8021B	115954
880-61154-23	S-23	Total/NA	Solid	8021B	115954
880-61154-24	S-24	Total/NA	Solid	8021B	115954
880-61154-25	B-1	Total/NA	Solid	8021B	115954

Eurofins Midland

QC Association Summary

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

GC VOA (Continued)

Analysis Batch: 116039 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61154-26	B-2	Total/NA	Solid	8021B	115954
880-61154-27	B-3	Total/NA	Solid	8021B	115954
880-61154-28	B-4	Total/NA	Solid	8021B	115954
880-61154-29	B-5	Total/NA	Solid	8021B	115954
880-61154-30	B-6	Total/NA	Solid	8021B	115954
880-61154-31	B-7	Total/NA	Solid	8021B	115954
880-61154-32	B-8	Total/NA	Solid	8021B	115954
880-61154-33	B-9	Total/NA	Solid	8021B	115954
880-61154-34	B-10	Total/NA	Solid	8021B	115954
880-61154-35	B-11	Total/NA	Solid	8021B	115954
880-61154-36	B-12	Total/NA	Solid	8021B	115954
880-61154-37	B-13	Total/NA	Solid	8021B	115954
880-61154-38	B-14	Total/NA	Solid	8021B	115954
880-61154-39	B-15	Total/NA	Solid	8021B	115954
880-61154-40	B-16	Total/NA	Solid	8021B	115954
MB 880-115954/5-A	Method Blank	Total/NA	Solid	8021B	115954
LCS 880-115954/1-A	Lab Control Sample	Total/NA	Solid	8021B	115954
LCSD 880-115954/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	115954
880-61154-21 MS	S-21	Total/NA	Solid	8021B	115954
880-61154-21 MSD	S-21	Total/NA	Solid	8021B	115954

Analysis Batch: 116142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61154-1	S-1	Total/NA	Solid	Total BTEX	
880-61154-2	S-2	Total/NA	Solid	Total BTEX	
880-61154-3	S-3	Total/NA	Solid	Total BTEX	
880-61154-4	S-4	Total/NA	Solid	Total BTEX	
880-61154-5	S-5	Total/NA	Solid	Total BTEX	
880-61154-6	S-6	Total/NA	Solid	Total BTEX	
880-61154-7	S-7	Total/NA	Solid	Total BTEX	
880-61154-8	S-8	Total/NA	Solid	Total BTEX	
880-61154-9	S-9	Total/NA	Solid	Total BTEX	
880-61154-10	S-10	Total/NA	Solid	Total BTEX	
880-61154-11	S-11	Total/NA	Solid	Total BTEX	
880-61154-12	S-12	Total/NA	Solid	Total BTEX	
880-61154-13	S-13	Total/NA	Solid	Total BTEX	
880-61154-14	S-14	Total/NA	Solid	Total BTEX	
880-61154-15	S-15	Total/NA	Solid	Total BTEX	
880-61154-16	S-16	Total/NA	Solid	Total BTEX	
880-61154-17	S-17	Total/NA	Solid	Total BTEX	
880-61154-18	S-18	Total/NA	Solid	Total BTEX	
880-61154-19	S-19	Total/NA	Solid	Total BTEX	
880-61154-20	S-20	Total/NA	Solid	Total BTEX	
880-61154-21	S-21	Total/NA	Solid	Total BTEX	
880-61154-22	S-22	Total/NA	Solid	Total BTEX	
880-61154-23	S-23	Total/NA	Solid	Total BTEX	
880-61154-24	S-24	Total/NA	Solid	Total BTEX	
880-61154-25	B-1	Total/NA	Solid	Total BTEX	
880-61154-26	B-2	Total/NA	Solid	Total BTEX	
880-61154-27	B-3	Total/NA	Solid	Total BTEX	
880-61154-28	B-4	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

GC VOA (Continued)

Analysis Batch: 116142 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61154-29	B-5	Total/NA	Solid	Total BTEX	
880-61154-30	B-6	Total/NA	Solid	Total BTEX	
880-61154-31	B-7	Total/NA	Solid	Total BTEX	
880-61154-32	B-8	Total/NA	Solid	Total BTEX	
880-61154-33	B-9	Total/NA	Solid	Total BTEX	
880-61154-34	B-10	Total/NA	Solid	Total BTEX	
880-61154-35	B-11	Total/NA	Solid	Total BTEX	
880-61154-36	B-12	Total/NA	Solid	Total BTEX	
880-61154-37	B-13	Total/NA	Solid	Total BTEX	
880-61154-38	B-14	Total/NA	Solid	Total BTEX	
880-61154-39	B-15	Total/NA	Solid	Total BTEX	
880-61154-40	B-16	Total/NA	Solid	Total BTEX	
880-61154-41	B-17	Total/NA	Solid	Total BTEX	

Analysis Batch: 116181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61154-14	S-14	Total/NA	Solid	8021B	116192
880-61154-15	S-15	Total/NA	Solid	8021B	116192
880-61154-16	S-16	Total/NA	Solid	8021B	116192
880-61154-17	S-17	Total/NA	Solid	8021B	116191
880-61154-18	S-18	Total/NA	Solid	8021B	116191
880-61154-19	S-19	Total/NA	Solid	8021B	116191
880-61154-20	S-20	Total/NA	Solid	8021B	116191
MB 880-115975/5-A	Method Blank	Total/NA	Solid	8021B	115975
MB 880-116191/5-A	Method Blank	Total/NA	Solid	8021B	116191
MB 880-116192/5-A	Method Blank	Total/NA	Solid	8021B	116192
LCS 880-116191/1-A	Lab Control Sample	Total/NA	Solid	8021B	116191
LCS 880-116192/1-A	Lab Control Sample	Total/NA	Solid	8021B	116192
LCSD 880-116191/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	116191
LCSD 880-116192/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	116192
890-8587-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	116191
890-8587-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	116191
890-8589-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	116192
890-8589-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	116192

Prep Batch: 116191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61154-17	S-17	Total/NA	Solid	5035	
880-61154-18	S-18	Total/NA	Solid	5035	
880-61154-19	S-19	Total/NA	Solid	5035	
880-61154-20	S-20	Total/NA	Solid	5035	
MB 880-116191/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-116191/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-116191/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8587-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
890-8587-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 116192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61154-14	S-14	Total/NA	Solid	5035	
880-61154-15	S-15	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

GC VOA (Continued)

Prep Batch: 116192 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61154-16	S-16	Total/NA	Solid	5035	
MB 880-116192/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-116192/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-116192/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8589-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
890-8589-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 115794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61154-27	B-3	Total/NA	Solid	8015NM Prep	
MB 880-115794/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-115794/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-115794/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-61067-A-23-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-61067-A-23-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 115922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61154-1	S-1	Total/NA	Solid	8015NM Prep	
880-61154-2	S-2	Total/NA	Solid	8015NM Prep	
880-61154-3	S-3	Total/NA	Solid	8015NM Prep	
880-61154-4	S-4	Total/NA	Solid	8015NM Prep	
880-61154-5	S-5	Total/NA	Solid	8015NM Prep	
880-61154-6	S-6	Total/NA	Solid	8015NM Prep	
MB 880-115922/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-115922/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-115922/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-61152-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-61152-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 115923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61154-7	S-7	Total/NA	Solid	8015NM Prep	
880-61154-8	S-8	Total/NA	Solid	8015NM Prep	
880-61154-9	S-9	Total/NA	Solid	8015NM Prep	
880-61154-10	S-10	Total/NA	Solid	8015NM Prep	
880-61154-11	S-11	Total/NA	Solid	8015NM Prep	
880-61154-12	S-12	Total/NA	Solid	8015NM Prep	
880-61154-13	S-13	Total/NA	Solid	8015NM Prep	
880-61154-14	S-14	Total/NA	Solid	8015NM Prep	
880-61154-15	S-15	Total/NA	Solid	8015NM Prep	
880-61154-16	S-16	Total/NA	Solid	8015NM Prep	
880-61154-17	S-17	Total/NA	Solid	8015NM Prep	
880-61154-18	S-18	Total/NA	Solid	8015NM Prep	
880-61154-19	S-19	Total/NA	Solid	8015NM Prep	
880-61154-20	S-20	Total/NA	Solid	8015NM Prep	
880-61154-21	S-21	Total/NA	Solid	8015NM Prep	
880-61154-22	S-22	Total/NA	Solid	8015NM Prep	
880-61154-23	S-23	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

GC Semi VOA (Continued)

Prep Batch: 115923 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61154-24	S-24	Total/NA	Solid	8015NM Prep	
880-61154-25	B-1	Total/NA	Solid	8015NM Prep	
880-61154-26	B-2	Total/NA	Solid	8015NM Prep	
MB 880-115923/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-115923/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-115923/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-61154-7 MS	S-7	Total/NA	Solid	8015NM Prep	
880-61154-7 MSD	S-7	Total/NA	Solid	8015NM Prep	

Prep Batch: 115924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61154-28	B-4	Total/NA	Solid	8015NM Prep	
880-61154-29	B-5	Total/NA	Solid	8015NM Prep	
880-61154-30	B-6	Total/NA	Solid	8015NM Prep	
880-61154-31	B-7	Total/NA	Solid	8015NM Prep	
880-61154-32	B-8	Total/NA	Solid	8015NM Prep	
880-61154-33	B-9	Total/NA	Solid	8015NM Prep	
880-61154-34	B-10	Total/NA	Solid	8015NM Prep	
880-61154-35	B-11	Total/NA	Solid	8015NM Prep	
880-61154-36	B-12	Total/NA	Solid	8015NM Prep	
880-61154-37	B-13	Total/NA	Solid	8015NM Prep	
880-61154-38	B-14	Total/NA	Solid	8015NM Prep	
880-61154-39	B-15	Total/NA	Solid	8015NM Prep	
880-61154-40	B-16	Total/NA	Solid	8015NM Prep	
880-61154-41	B-17	Total/NA	Solid	8015NM Prep	
MB 880-115924/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-115924/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-115924/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-61154-28 MS	B-4	Total/NA	Solid	8015NM Prep	
880-61154-28 MSD	B-4	Total/NA	Solid	8015NM Prep	

Analysis Batch: 115962

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61154-27	B-3	Total/NA	Solid	8015B NM	115794
MB 880-115794/1-A	Method Blank	Total/NA	Solid	8015B NM	115794
LCS 880-115794/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	115794
LCSD 880-115794/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	115794
880-61067-A-23-D MS	Matrix Spike	Total/NA	Solid	8015B NM	115794
880-61067-A-23-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	115794

Analysis Batch: 116093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61154-1	S-1	Total/NA	Solid	8015 NM	
880-61154-2	S-2	Total/NA	Solid	8015 NM	
880-61154-3	S-3	Total/NA	Solid	8015 NM	
880-61154-4	S-4	Total/NA	Solid	8015 NM	
880-61154-5	S-5	Total/NA	Solid	8015 NM	
880-61154-6	S-6	Total/NA	Solid	8015 NM	
880-61154-7	S-7	Total/NA	Solid	8015 NM	
880-61154-8	S-8	Total/NA	Solid	8015 NM	
880-61154-9	S-9	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

GC Semi VOA (Continued)

Analysis Batch: 116093 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61154-10	S-10	Total/NA	Solid	8015 NM	
880-61154-11	S-11	Total/NA	Solid	8015 NM	
880-61154-12	S-12	Total/NA	Solid	8015 NM	
880-61154-13	S-13	Total/NA	Solid	8015 NM	
880-61154-14	S-14	Total/NA	Solid	8015 NM	
880-61154-15	S-15	Total/NA	Solid	8015 NM	
880-61154-16	S-16	Total/NA	Solid	8015 NM	
880-61154-17	S-17	Total/NA	Solid	8015 NM	
880-61154-18	S-18	Total/NA	Solid	8015 NM	
880-61154-19	S-19	Total/NA	Solid	8015 NM	
880-61154-20	S-20	Total/NA	Solid	8015 NM	
880-61154-21	S-21	Total/NA	Solid	8015 NM	
880-61154-22	S-22	Total/NA	Solid	8015 NM	
880-61154-23	S-23	Total/NA	Solid	8015 NM	
880-61154-24	S-24	Total/NA	Solid	8015 NM	
880-61154-25	B-1	Total/NA	Solid	8015 NM	
880-61154-26	B-2	Total/NA	Solid	8015 NM	
880-61154-27	B-3	Total/NA	Solid	8015 NM	
880-61154-28	B-4	Total/NA	Solid	8015 NM	
880-61154-29	B-5	Total/NA	Solid	8015 NM	
880-61154-30	B-6	Total/NA	Solid	8015 NM	
880-61154-31	B-7	Total/NA	Solid	8015 NM	
880-61154-32	B-8	Total/NA	Solid	8015 NM	
880-61154-33	B-9	Total/NA	Solid	8015 NM	
880-61154-34	B-10	Total/NA	Solid	8015 NM	
880-61154-35	B-11	Total/NA	Solid	8015 NM	
880-61154-36	B-12	Total/NA	Solid	8015 NM	
880-61154-37	B-13	Total/NA	Solid	8015 NM	
880-61154-38	B-14	Total/NA	Solid	8015 NM	
880-61154-39	B-15	Total/NA	Solid	8015 NM	
880-61154-40	B-16	Total/NA	Solid	8015 NM	
880-61154-41	B-17	Total/NA	Solid	8015 NM	

Analysis Batch: 116303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61154-1	S-1	Total/NA	Solid	8015B NM	115922
880-61154-2	S-2	Total/NA	Solid	8015B NM	115922
880-61154-3	S-3	Total/NA	Solid	8015B NM	115922
880-61154-4	S-4	Total/NA	Solid	8015B NM	115922
880-61154-5	S-5	Total/NA	Solid	8015B NM	115922
880-61154-6	S-6	Total/NA	Solid	8015B NM	115922
880-61154-7	S-7	Total/NA	Solid	8015B NM	115923
880-61154-8	S-8	Total/NA	Solid	8015B NM	115923
880-61154-9	S-9	Total/NA	Solid	8015B NM	115923
880-61154-10	S-10	Total/NA	Solid	8015B NM	115923
880-61154-11	S-11	Total/NA	Solid	8015B NM	115923
880-61154-12	S-12	Total/NA	Solid	8015B NM	115923
880-61154-13	S-13	Total/NA	Solid	8015B NM	115923
880-61154-14	S-14	Total/NA	Solid	8015B NM	115923
880-61154-15	S-15	Total/NA	Solid	8015B NM	115923
880-61154-16	S-16	Total/NA	Solid	8015B NM	115923

Eurofins Midland

QC Association Summary

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

GC Semi VOA (Continued)

Analysis Batch: 116303 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61154-17	S-17	Total/NA	Solid	8015B NM	115923
880-61154-18	S-18	Total/NA	Solid	8015B NM	115923
880-61154-19	S-19	Total/NA	Solid	8015B NM	115923
880-61154-20	S-20	Total/NA	Solid	8015B NM	115923
880-61154-21	S-21	Total/NA	Solid	8015B NM	115923
880-61154-22	S-22	Total/NA	Solid	8015B NM	115923
880-61154-23	S-23	Total/NA	Solid	8015B NM	115923
880-61154-24	S-24	Total/NA	Solid	8015B NM	115923
880-61154-25	B-1	Total/NA	Solid	8015B NM	115923
880-61154-26	B-2	Total/NA	Solid	8015B NM	115923
MB 880-115922/1-A	Method Blank	Total/NA	Solid	8015B NM	115922
MB 880-115923/1-A	Method Blank	Total/NA	Solid	8015B NM	115923
LCS 880-115922/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	115922
LCS 880-115923/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	115923
LCSD 880-115922/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	115922
LCSD 880-115923/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	115923
880-61152-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	115922
880-61152-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	115922
880-61154-7 MS	S-7	Total/NA	Solid	8015B NM	115923
880-61154-7 MSD	S-7	Total/NA	Solid	8015B NM	115923

Analysis Batch: 116377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61154-28	B-4	Total/NA	Solid	8015B NM	115924
880-61154-29	B-5	Total/NA	Solid	8015B NM	115924
880-61154-30	B-6	Total/NA	Solid	8015B NM	115924
880-61154-31	B-7	Total/NA	Solid	8015B NM	115924
880-61154-32	B-8	Total/NA	Solid	8015B NM	115924
880-61154-33	B-9	Total/NA	Solid	8015B NM	115924
880-61154-34	B-10	Total/NA	Solid	8015B NM	115924
880-61154-35	B-11	Total/NA	Solid	8015B NM	115924
880-61154-36	B-12	Total/NA	Solid	8015B NM	115924
880-61154-37	B-13	Total/NA	Solid	8015B NM	115924
880-61154-38	B-14	Total/NA	Solid	8015B NM	115924
880-61154-39	B-15	Total/NA	Solid	8015B NM	115924
880-61154-40	B-16	Total/NA	Solid	8015B NM	115924
880-61154-41	B-17	Total/NA	Solid	8015B NM	115924
MB 880-115924/1-A	Method Blank	Total/NA	Solid	8015B NM	115924
LCS 880-115924/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	115924
LCSD 880-115924/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	115924
880-61154-28 MS	B-4	Total/NA	Solid	8015B NM	115924
880-61154-28 MSD	B-4	Total/NA	Solid	8015B NM	115924

HPLC/IC

Leach Batch: 115982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61154-1	S-1	Soluble	Solid	DI Leach	
880-61154-2	S-2	Soluble	Solid	DI Leach	
880-61154-3	S-3	Soluble	Solid	DI Leach	
880-61154-4	S-4	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

HPLC/IC (Continued)

Leach Batch: 115982 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61154-5	S-5	Soluble	Solid	DI Leach	
880-61154-6	S-6	Soluble	Solid	DI Leach	
880-61154-7	S-7	Soluble	Solid	DI Leach	
880-61154-8	S-8	Soluble	Solid	DI Leach	
880-61154-9	S-9	Soluble	Solid	DI Leach	
880-61154-10	S-10	Soluble	Solid	DI Leach	
880-61154-11	S-11	Soluble	Solid	DI Leach	
880-61154-12	S-12	Soluble	Solid	DI Leach	
880-61154-13	S-13	Soluble	Solid	DI Leach	
880-61154-14	S-14	Soluble	Solid	DI Leach	
880-61154-15	S-15	Soluble	Solid	DI Leach	
880-61154-16	S-16	Soluble	Solid	DI Leach	
MB 880-115982/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-115982/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-115982/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-61154-10 MS	S-10	Soluble	Solid	DI Leach	
880-61154-10 MSD	S-10	Soluble	Solid	DI Leach	

Analysis Batch: 116003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61154-1	S-1	Soluble	Solid	300.0	115982
880-61154-2	S-2	Soluble	Solid	300.0	115982
880-61154-3	S-3	Soluble	Solid	300.0	115982
880-61154-4	S-4	Soluble	Solid	300.0	115982
880-61154-5	S-5	Soluble	Solid	300.0	115982
880-61154-6	S-6	Soluble	Solid	300.0	115982
880-61154-7	S-7	Soluble	Solid	300.0	115982
880-61154-8	S-8	Soluble	Solid	300.0	115982
880-61154-9	S-9	Soluble	Solid	300.0	115982
880-61154-10	S-10	Soluble	Solid	300.0	115982
880-61154-11	S-11	Soluble	Solid	300.0	115982
880-61154-12	S-12	Soluble	Solid	300.0	115982
880-61154-13	S-13	Soluble	Solid	300.0	115982
880-61154-14	S-14	Soluble	Solid	300.0	115982
880-61154-15	S-15	Soluble	Solid	300.0	115982
880-61154-16	S-16	Soluble	Solid	300.0	115982
MB 880-115982/1-A	Method Blank	Soluble	Solid	300.0	115982
LCS 880-115982/2-A	Lab Control Sample	Soluble	Solid	300.0	115982
LCSD 880-115982/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	115982
880-61154-10 MS	S-10	Soluble	Solid	300.0	115982
880-61154-10 MSD	S-10	Soluble	Solid	300.0	115982

Leach Batch: 116015

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61154-37	B-13	Soluble	Solid	DI Leach	
880-61154-38	B-14	Soluble	Solid	DI Leach	
880-61154-39	B-15	Soluble	Solid	DI Leach	
880-61154-40	B-16	Soluble	Solid	DI Leach	
880-61154-41	B-17	Soluble	Solid	DI Leach	
MB 880-116015/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116015/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

HPLC/IC (Continued)

Leach Batch: 116015 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-116015/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-61154-37 MS	B-13	Soluble	Solid	DI Leach	
880-61154-37 MSD	B-13	Soluble	Solid	DI Leach	

Leach Batch: 116018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61154-17	S-17	Soluble	Solid	DI Leach	
880-61154-18	S-18	Soluble	Solid	DI Leach	
880-61154-19	S-19	Soluble	Solid	DI Leach	
MB 880-116018/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116018/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116018/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-61154-17 MS	S-17	Soluble	Solid	DI Leach	
880-61154-17 MSD	S-17	Soluble	Solid	DI Leach	

Leach Batch: 116019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61154-20	S-20	Soluble	Solid	DI Leach	
880-61154-21	S-21	Soluble	Solid	DI Leach	
880-61154-22	S-22	Soluble	Solid	DI Leach	
880-61154-23	S-23	Soluble	Solid	DI Leach	
880-61154-24	S-24	Soluble	Solid	DI Leach	
880-61154-25	B-1	Soluble	Solid	DI Leach	
880-61154-26	B-2	Soluble	Solid	DI Leach	
880-61154-27	B-3	Soluble	Solid	DI Leach	
880-61154-28	B-4	Soluble	Solid	DI Leach	
880-61154-29	B-5	Soluble	Solid	DI Leach	
880-61154-30	B-6	Soluble	Solid	DI Leach	
880-61154-31	B-7	Soluble	Solid	DI Leach	
880-61154-32	B-8	Soluble	Solid	DI Leach	
880-61154-33	B-9	Soluble	Solid	DI Leach	
880-61154-34	B-10	Soluble	Solid	DI Leach	
880-61154-35	B-11	Soluble	Solid	DI Leach	
880-61154-36	B-12	Soluble	Solid	DI Leach	
MB 880-116019/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116019/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116019/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-61154-20 MS	S-20	Soluble	Solid	DI Leach	
880-61154-20 MSD	S-20	Soluble	Solid	DI Leach	
880-61154-30 MS	B-6	Soluble	Solid	DI Leach	
880-61154-30 MSD	B-6	Soluble	Solid	DI Leach	

Analysis Batch: 116034

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61154-37	B-13	Soluble	Solid	300.0	116015
880-61154-38	B-14	Soluble	Solid	300.0	116015
880-61154-39	B-15	Soluble	Solid	300.0	116015
880-61154-40	B-16	Soluble	Solid	300.0	116015
880-61154-41	B-17	Soluble	Solid	300.0	116015
MB 880-116015/1-A	Method Blank	Soluble	Solid	300.0	116015
LCS 880-116015/2-A	Lab Control Sample	Soluble	Solid	300.0	116015

Eurofins Midland

QC Association Summary

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

HPLC/IC (Continued)

Analysis Batch: 116034 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-116015/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116015
880-61154-37 MS	B-13	Soluble	Solid	300.0	116015
880-61154-37 MSD	B-13	Soluble	Solid	300.0	116015

Analysis Batch: 116118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61154-20	S-20	Soluble	Solid	300.0	116019
880-61154-21	S-21	Soluble	Solid	300.0	116019
880-61154-22	S-22	Soluble	Solid	300.0	116019
880-61154-23	S-23	Soluble	Solid	300.0	116019
880-61154-24	S-24	Soluble	Solid	300.0	116019
880-61154-25	B-1	Soluble	Solid	300.0	116019
880-61154-26	B-2	Soluble	Solid	300.0	116019
880-61154-27	B-3	Soluble	Solid	300.0	116019
880-61154-28	B-4	Soluble	Solid	300.0	116019
880-61154-29	B-5	Soluble	Solid	300.0	116019
880-61154-30	B-6	Soluble	Solid	300.0	116019
880-61154-31	B-7	Soluble	Solid	300.0	116019
880-61154-32	B-8	Soluble	Solid	300.0	116019
880-61154-33	B-9	Soluble	Solid	300.0	116019
880-61154-34	B-10	Soluble	Solid	300.0	116019
880-61154-35	B-11	Soluble	Solid	300.0	116019
880-61154-36	B-12	Soluble	Solid	300.0	116019
MB 880-116019/1-A	Method Blank	Soluble	Solid	300.0	116019
LCS 880-116019/2-A	Lab Control Sample	Soluble	Solid	300.0	116019
LCSD 880-116019/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116019
880-61154-20 MS	S-20	Soluble	Solid	300.0	116019
880-61154-20 MSD	S-20	Soluble	Solid	300.0	116019
880-61154-30 MS	B-6	Soluble	Solid	300.0	116019
880-61154-30 MSD	B-6	Soluble	Solid	300.0	116019

Analysis Batch: 116123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61154-17	S-17	Soluble	Solid	300.0	116018
880-61154-18	S-18	Soluble	Solid	300.0	116018
880-61154-19	S-19	Soluble	Solid	300.0	116018
MB 880-116018/1-A	Method Blank	Soluble	Solid	300.0	116018
LCS 880-116018/2-A	Lab Control Sample	Soluble	Solid	300.0	116018
LCSD 880-116018/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116018
880-61154-17 MS	S-17	Soluble	Solid	300.0	116018
880-61154-17 MSD	S-17	Soluble	Solid	300.0	116018

Eurofins Midland

Lab Chronicle

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: S-1
Date Collected: 08/04/25 14:45
Date Received: 08/05/25 14:43

Lab Sample ID: 880-61154-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	115953	08/06/25 09:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116038	08/07/25 13:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/07/25 13:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/10/25 02:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	115922	08/06/25 07:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116303	08/10/25 02:08	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	115982	08/06/25 12:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116003	08/07/25 04:25	CS	EET MID

Client Sample ID: S-2
Date Collected: 08/04/25 14:48
Date Received: 08/05/25 14:43

Lab Sample ID: 880-61154-2
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			4.98 g	5 mL	115953	08/06/25 09:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116038	08/07/25 13:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/07/25 13:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/10/25 02:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	115922	08/06/25 07:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116303	08/10/25 02:22	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	115982	08/06/25 12:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116003	08/07/25 04:31	CS	EET MID

Client Sample ID: S-3
Date Collected: 08/04/25 14:51
Date Received: 08/05/25 14:43

Lab Sample ID: 880-61154-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	115953	08/06/25 09:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116038	08/07/25 14:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/07/25 14:24	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/10/25 02:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	115922	08/06/25 07:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116303	08/10/25 02:37	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	115982	08/06/25 12:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116003	08/07/25 04:37	CS	EET MID

Client Sample ID: S-4
Date Collected: 08/04/25 14:54
Date Received: 08/05/25 14:43

Lab Sample ID: 880-61154-4
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			5.03 g	5 mL	115953	08/06/25 09:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116038	08/07/25 14:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/07/25 14:44	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: S-4**Lab Sample ID: 880-61154-4****Date Collected: 08/04/25 14:54****Matrix: Solid****Date Received: 08/05/25 14:43**

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			116093	08/10/25 02:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	115922	08/06/25 07:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116303	08/10/25 02:51	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	115982	08/06/25 12:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116003	08/07/25 04:42	CS	EET MID

Client Sample ID: S-5**Lab Sample ID: 880-61154-5****Date Collected: 08/04/25 14:57****Matrix: Solid****Date Received: 08/05/25 14:43**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	115953	08/06/25 09:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116038	08/07/25 15:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/07/25 15:05	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/10/25 03:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	115922	08/06/25 07:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116303	08/10/25 03:06	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	115982	08/06/25 12:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116003	08/07/25 04:59	CS	EET MID

Client Sample ID: S-6**Lab Sample ID: 880-61154-6****Date Collected: 08/04/25 15:00****Matrix: Solid****Date Received: 08/05/25 14:43**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	115953	08/06/25 09:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116038	08/07/25 15:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/07/25 15:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/10/25 03:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	115922	08/06/25 07:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116303	08/10/25 03:21	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	115982	08/06/25 12:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116003	08/07/25 05:05	CS	EET MID

Client Sample ID: S-7**Lab Sample ID: 880-61154-7****Date Collected: 08/04/25 15:03****Matrix: Solid****Date Received: 08/05/25 14:43**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	115953	08/06/25 09:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116038	08/07/25 15:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/07/25 15:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/10/25 05:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	115923	08/06/25 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116303	08/10/25 05:22	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: S-7

Date Collected: 08/04/25 15:03

Date Received: 08/05/25 14:43

Lab Sample ID: 880-61154-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	115982	08/06/25 12:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116003	08/07/25 05:11	CS	EET MID

Client Sample ID: S-8

Date Collected: 08/04/25 15:06

Date Received: 08/05/25 14:43

Lab Sample ID: 880-61154-8

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			5.03 g	5 mL	115953	08/06/25 09:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116038	08/07/25 16:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/07/25 16:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/10/25 06:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	115923	08/06/25 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116303	08/10/25 06:07	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	115982	08/06/25 12:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116003	08/07/25 05:16	CS	EET MID

Client Sample ID: S-9

Date Collected: 08/04/25 15:09

Date Received: 08/05/25 14:43

Lab Sample ID: 880-61154-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	115953	08/06/25 09:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116038	08/07/25 16:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/07/25 16:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/10/25 06:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	115923	08/06/25 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116303	08/10/25 06:23	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	115982	08/06/25 12:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116003	08/07/25 05:22	CS	EET MID

Client Sample ID: S-10

Date Collected: 08/04/25 15:12

Date Received: 08/05/25 14:43

Lab Sample ID: 880-61154-10

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			5.04 g	5 mL	115953	08/06/25 09:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116038	08/07/25 16:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/07/25 16:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/10/25 06:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	115923	08/06/25 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116303	08/10/25 06:37	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	115982	08/06/25 12:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116003	08/07/25 05:28	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: S-11**Lab Sample ID: 880-61154-11****Date Collected: 08/04/25 15:15****Matrix: Solid****Date Received: 08/05/25 14:43**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	115953	08/06/25 09:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116038	08/07/25 20:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/07/25 20:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/10/25 06:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	115923	08/06/25 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116303	08/10/25 06:53	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	115982	08/06/25 12:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116003	08/07/25 05:45	CS	EET MID

Client Sample ID: S-12**Lab Sample ID: 880-61154-12****Date Collected: 08/04/25 15:18****Matrix: Solid****Date Received: 08/05/25 14:43**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	115953	08/06/25 09:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116038	08/07/25 20:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/07/25 20:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/10/25 07:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	115923	08/06/25 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116303	08/10/25 07:07	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	115982	08/06/25 12:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116003	08/07/25 05:50	CS	EET MID

Client Sample ID: S-13**Lab Sample ID: 880-61154-13****Date Collected: 08/04/25 15:21****Matrix: Solid****Date Received: 08/05/25 14:43**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	115953	08/06/25 09:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116038	08/08/25 08:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/08/25 08:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/10/25 07:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	115923	08/06/25 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116303	08/10/25 07:22	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	115982	08/06/25 12:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116003	08/07/25 06:07	CS	EET MID

Client Sample ID: S-14**Lab Sample ID: 880-61154-14****Date Collected: 08/04/25 15:24****Matrix: Solid****Date Received: 08/05/25 14:43**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	116192	08/08/25 09:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116181	08/09/25 08:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/09/25 08:18	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: S-14

Lab Sample ID: 880-61154-14

Date Collected: 08/04/25 15:24

Matrix: Solid

Date Received: 08/05/25 14:43

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			116093	08/10/25 07:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	115923	08/06/25 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116303	08/10/25 07:36	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	115982	08/06/25 12:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116003	08/07/25 08:19	CS	EET MID

Client Sample ID: S-15

Lab Sample ID: 880-61154-15

Date Collected: 08/04/25 15:27

Matrix: Solid

Date Received: 08/05/25 14:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	116192	08/08/25 09:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116181	08/09/25 08:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/09/25 08:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/10/25 07:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	115923	08/06/25 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116303	08/10/25 07:51	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	115982	08/06/25 12:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116003	08/07/25 06:14	CS	EET MID

Client Sample ID: S-16

Lab Sample ID: 880-61154-16

Date Collected: 08/04/25 15:30

Matrix: Solid

Date Received: 08/05/25 14:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	116192	08/08/25 09:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116181	08/09/25 08:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/09/25 08:59	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/10/25 08:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	115923	08/06/25 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116303	08/10/25 08:06	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	115982	08/06/25 12:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116003	08/07/25 06:20	CS	EET MID

Client Sample ID: S-17

Lab Sample ID: 880-61154-17

Date Collected: 08/04/25 15:33

Matrix: Solid

Date Received: 08/05/25 14:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	116191	08/08/25 09:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116181	08/09/25 17:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/09/25 17:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/10/25 08:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	115923	08/06/25 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116303	08/10/25 08:35	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: S-17**Lab Sample ID: 880-61154-17****Date Collected: 08/04/25 15:33****Matrix: Solid****Date Received: 08/05/25 14:43**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	116018	08/06/25 15:26	SI	EET MID
Soluble	Analysis	300.0		1			116123	08/07/25 23:52	CS	EET MID

Client Sample ID: S-18**Lab Sample ID: 880-61154-18****Date Collected: 08/04/25 15:36****Matrix: Solid****Date Received: 08/05/25 14:43**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	116191	08/08/25 09:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116181	08/09/25 17:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/09/25 17:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/10/25 08:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	115923	08/06/25 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116303	08/10/25 08:51	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	116018	08/06/25 15:26	SI	EET MID
Soluble	Analysis	300.0		1			116123	08/08/25 00:15	CS	EET MID

Client Sample ID: S-19**Lab Sample ID: 880-61154-19****Date Collected: 08/04/25 15:39****Matrix: Solid****Date Received: 08/05/25 14:43**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	116191	08/08/25 09:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116181	08/09/25 18:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/09/25 18:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/10/25 09:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	115923	08/06/25 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116303	08/10/25 09:06	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116018	08/06/25 15:26	SI	EET MID
Soluble	Analysis	300.0		1			116123	08/08/25 00:22	CS	EET MID

Client Sample ID: S-20**Lab Sample ID: 880-61154-20****Date Collected: 08/04/25 15:42****Matrix: Solid****Date Received: 08/05/25 14:43**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	116191	08/08/25 09:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116181	08/09/25 18:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/09/25 18:33	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/10/25 09:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	115923	08/06/25 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116303	08/10/25 09:21	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	116019	08/06/25 15:34	SI	EET MID
Soluble	Analysis	300.0		1			116118	08/07/25 19:25	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: S-21**Lab Sample ID: 880-61154-21****Date Collected: 08/04/25 15:45****Matrix: Solid****Date Received: 08/05/25 14:43**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	115954	08/06/25 09:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116039	08/07/25 17:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/07/25 17:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/10/25 09:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	115923	08/06/25 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116303	08/10/25 09:36	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116019	08/06/25 15:34	SI	EET MID
Soluble	Analysis	300.0		1			116118	08/07/25 19:48	CS	EET MID

Client Sample ID: S-22**Lab Sample ID: 880-61154-22****Date Collected: 08/04/25 15:48****Matrix: Solid****Date Received: 08/05/25 14:43**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	115954	08/06/25 09:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116039	08/07/25 17:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/07/25 17:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/10/25 09:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	115923	08/06/25 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116303	08/10/25 09:51	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	116019	08/06/25 15:34	SI	EET MID
Soluble	Analysis	300.0		1			116118	08/07/25 19:56	CS	EET MID

Client Sample ID: S-23**Lab Sample ID: 880-61154-23****Date Collected: 08/04/25 15:52****Matrix: Solid****Date Received: 08/05/25 14:43**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	115954	08/06/25 09:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116039	08/07/25 17:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/07/25 17:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/10/25 10:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	115923	08/06/25 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116303	08/10/25 10:06	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	116019	08/06/25 15:34	SI	EET MID
Soluble	Analysis	300.0		1			116118	08/07/25 20:03	CS	EET MID

Client Sample ID: S-24**Lab Sample ID: 880-61154-24****Date Collected: 08/04/25 15:55****Matrix: Solid****Date Received: 08/05/25 14:43**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	115954	08/06/25 09:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116039	08/07/25 18:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/07/25 18:07	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: S-24

Lab Sample ID: 880-61154-24

Date Collected: 08/04/25 15:55

Matrix: Solid

Date Received: 08/05/25 14:43

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			116093	08/10/25 10:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	115923	08/06/25 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116303	08/10/25 10:22	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	116019	08/06/25 15:34	SI	EET MID
Soluble	Analysis	300.0		1			116118	08/07/25 20:11	CS	EET MID

Client Sample ID: B-1

Lab Sample ID: 880-61154-25

Date Collected: 08/04/25 16:00

Matrix: Solid

Date Received: 08/05/25 14:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	115954	08/06/25 09:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116039	08/07/25 18:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/07/25 18:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/10/25 10:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	115923	08/06/25 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116303	08/10/25 10:37	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	116019	08/06/25 15:34	SI	EET MID
Soluble	Analysis	300.0		1			116118	08/07/25 20:34	CS	EET MID

Client Sample ID: B-2

Lab Sample ID: 880-61154-26

Date Collected: 08/04/25 16:03

Matrix: Solid

Date Received: 08/05/25 14:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	115954	08/06/25 09:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116039	08/07/25 18:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/07/25 18:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/10/25 10:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	115923	08/06/25 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116303	08/10/25 10:52	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	116019	08/06/25 15:34	SI	EET MID
Soluble	Analysis	300.0		1			116118	08/07/25 20:41	CS	EET MID

Client Sample ID: B-3

Lab Sample ID: 880-61154-27

Date Collected: 08/04/25 16:06

Matrix: Solid

Date Received: 08/05/25 14:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	115954	08/06/25 09:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116039	08/07/25 19:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/07/25 19:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/07/25 00:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	115794	08/04/25 15:43	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	115962	08/07/25 00:24	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: B-3

Lab Sample ID: 880-61154-27

Date Collected: 08/04/25 16:06

Matrix: Solid

Date Received: 08/05/25 14:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	116019	08/06/25 15:34	SI	EET MID
Soluble	Analysis	300.0		1			116118	08/07/25 20:49	CS	EET MID

Client Sample ID: B-4

Lab Sample ID: 880-61154-28

Date Collected: 08/04/25 16:09

Matrix: Solid

Date Received: 08/05/25 14:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	115954	08/06/25 09:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116039	08/07/25 19:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/07/25 19:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/11/25 21:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	115924	08/06/25 08:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116377	08/11/25 21:26	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116019	08/06/25 15:34	SI	EET MID
Soluble	Analysis	300.0		1			116118	08/07/25 20:57	CS	EET MID

Client Sample ID: B-5

Lab Sample ID: 880-61154-29

Date Collected: 08/04/25 16:12

Matrix: Solid

Date Received: 08/05/25 14:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	115954	08/06/25 09:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116039	08/07/25 19:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/07/25 19:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/11/25 22:10	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	115924	08/06/25 08:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116377	08/11/25 22:10	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	116019	08/06/25 15:34	SI	EET MID
Soluble	Analysis	300.0		1			116118	08/07/25 21:04	CS	EET MID

Client Sample ID: B-6

Lab Sample ID: 880-61154-30

Date Collected: 08/04/25 16:15

Matrix: Solid

Date Received: 08/05/25 14:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	115954	08/06/25 09:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116039	08/07/25 20:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/07/25 20:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/11/25 22:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	115924	08/06/25 08:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116377	08/11/25 22:24	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116019	08/06/25 15:34	SI	EET MID
Soluble	Analysis	300.0		1			116118	08/07/25 21:12	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: B-7

Lab Sample ID: 880-61154-31

Date Collected: 08/04/25 16:18

Matrix: Solid

Date Received: 08/05/25 14:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	115954	08/06/25 09:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116039	08/07/25 22:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/07/25 22:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/11/25 22:38	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	115924	08/06/25 08:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116377	08/11/25 22:38	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116019	08/06/25 15:34	SI	EET MID
Soluble	Analysis	300.0		1			116118	08/07/25 21:35	CS	EET MID

Client Sample ID: B-8

Lab Sample ID: 880-61154-32

Date Collected: 08/04/25 16:21

Matrix: Solid

Date Received: 08/05/25 14:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	115954	08/06/25 09:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116039	08/07/25 22:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/07/25 22:21	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/11/25 22:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	115924	08/06/25 08:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116377	08/11/25 22:53	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	116019	08/06/25 15:34	SI	EET MID
Soluble	Analysis	300.0		1			116118	08/07/25 21:42	CS	EET MID

Client Sample ID: B-9

Lab Sample ID: 880-61154-33

Date Collected: 08/04/25 16:24

Matrix: Solid

Date Received: 08/05/25 14:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	115954	08/06/25 09:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116039	08/07/25 22:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/07/25 22:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/11/25 23:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	115924	08/06/25 08:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116377	08/11/25 23:07	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116019	08/06/25 15:34	SI	EET MID
Soluble	Analysis	300.0		1			116118	08/07/25 22:05	CS	EET MID

Client Sample ID: B-10

Lab Sample ID: 880-61154-34

Date Collected: 08/04/25 16:27

Matrix: Solid

Date Received: 08/05/25 14:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	115954	08/06/25 09:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116039	08/07/25 23:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/07/25 23:01	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: B-10

Lab Sample ID: 880-61154-34

Date Collected: 08/04/25 16:27

Matrix: Solid

Date Received: 08/05/25 14:43

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			116093	08/11/25 23:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	115924	08/06/25 08:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116377	08/11/25 23:23	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116019	08/06/25 15:34	SI	EET MID
Soluble	Analysis	300.0		1			116118	08/07/25 22:13	CS	EET MID

Client Sample ID: B-11

Lab Sample ID: 880-61154-35

Date Collected: 08/04/25 16:30

Matrix: Solid

Date Received: 08/05/25 14:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	115954	08/06/25 09:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116039	08/07/25 23:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/07/25 23:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/11/25 23:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	115924	08/06/25 08:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116377	08/11/25 23:37	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	116019	08/06/25 15:34	SI	EET MID
Soluble	Analysis	300.0		1			116118	08/07/25 22:20	CS	EET MID

Client Sample ID: B-12

Lab Sample ID: 880-61154-36

Date Collected: 08/04/25 16:33

Matrix: Solid

Date Received: 08/05/25 14:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	115954	08/06/25 09:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116039	08/07/25 23:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/07/25 23:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/11/25 23:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	115924	08/06/25 08:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116377	08/11/25 23:53	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116019	08/06/25 15:34	SI	EET MID
Soluble	Analysis	300.0		1			116118	08/07/25 22:28	CS	EET MID

Client Sample ID: B-13

Lab Sample ID: 880-61154-37

Date Collected: 08/04/25 16:36

Matrix: Solid

Date Received: 08/05/25 14:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	115954	08/06/25 09:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116039	08/08/25 00:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/08/25 00:03	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/12/25 00:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	115924	08/06/25 08:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116377	08/12/25 00:07	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: B-13**Lab Sample ID: 880-61154-37****Date Collected: 08/04/25 16:36****Matrix: Solid****Date Received: 08/05/25 14:43**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	116015	08/06/25 15:15	SI	EET MID
Soluble	Analysis	300.0		1			116034	08/07/25 09:35	CS	EET MID

Client Sample ID: B-14**Lab Sample ID: 880-61154-38****Date Collected: 08/04/25 16:39****Matrix: Solid****Date Received: 08/05/25 14:43**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	115954	08/06/25 09:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116039	08/08/25 00:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/08/25 00:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/12/25 00:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	115924	08/06/25 08:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116377	08/12/25 00:37	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	116015	08/06/25 15:15	SI	EET MID
Soluble	Analysis	300.0		1			116034	08/07/25 09:52	CS	EET MID

Client Sample ID: B-15**Lab Sample ID: 880-61154-39****Date Collected: 08/04/25 16:42****Matrix: Solid****Date Received: 08/05/25 14:43**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	115954	08/06/25 09:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116039	08/08/25 00:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/08/25 00:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/12/25 00:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	115924	08/06/25 08:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116377	08/12/25 00:53	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116015	08/06/25 15:15	SI	EET MID
Soluble	Analysis	300.0		1			116034	08/07/25 09:58	CS	EET MID

Client Sample ID: B-16**Lab Sample ID: 880-61154-40****Date Collected: 08/04/25 16:45****Matrix: Solid****Date Received: 08/05/25 14:43**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	115954	08/06/25 09:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116039	08/08/25 01:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/08/25 01:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/12/25 01:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	115924	08/06/25 08:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116377	08/12/25 01:08	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	116015	08/06/25 15:15	SI	EET MID
Soluble	Analysis	300.0		1			116034	08/07/25 10:03	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Client Sample ID: B-17
Date Collected: 08/04/25 16:50
Date Received: 08/05/25 14:43

Lab Sample ID: 880-61154-41
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			5.00 g	5 mL	115945	08/06/25 09:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	115929	08/07/25 07:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116142	08/07/25 07:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			116093	08/12/25 01:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	115924	08/06/25 08:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116377	08/12/25 01:24	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116015	08/06/25 15:15	SI	EET MID
Soluble	Analysis	300.0		1			116034	08/07/25 10:09	CS	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

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	06-30-26
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: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

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: Crain Environmental
Project/Site: Bagley #4 SWD Area 8

Job ID: 880-61154-1
SDG: Lea Co., NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-61154-1	S-1	Solid	08/04/25 14:45	08/05/25 14:43	0-3'
880-61154-2	S-2	Solid	08/04/25 14:48	08/05/25 14:43	0-3'
880-61154-3	S-3	Solid	08/04/25 14:51	08/05/25 14:43	0-3'
880-61154-4	S-4	Solid	08/04/25 14:54	08/05/25 14:43	0-3'
880-61154-5	S-5	Solid	08/04/25 14:57	08/05/25 14:43	0-3'
880-61154-6	S-6	Solid	08/04/25 15:00	08/05/25 14:43	0-3'
880-61154-7	S-7	Solid	08/04/25 15:03	08/05/25 14:43	0-3'
880-61154-8	S-8	Solid	08/04/25 15:06	08/05/25 14:43	0-3'
880-61154-9	S-9	Solid	08/04/25 15:09	08/05/25 14:43	0-3'
880-61154-10	S-10	Solid	08/04/25 15:12	08/05/25 14:43	0-3'
880-61154-11	S-11	Solid	08/04/25 15:15	08/05/25 14:43	0-3'
880-61154-12	S-12	Solid	08/04/25 15:18	08/05/25 14:43	0-3'
880-61154-13	S-13	Solid	08/04/25 15:21	08/05/25 14:43	0-3'
880-61154-14	S-14	Solid	08/04/25 15:24	08/05/25 14:43	0-3'
880-61154-15	S-15	Solid	08/04/25 15:27	08/05/25 14:43	0-3'
880-61154-16	S-16	Solid	08/04/25 15:30	08/05/25 14:43	0-3'
880-61154-17	S-17	Solid	08/04/25 15:33	08/05/25 14:43	0-3'
880-61154-18	S-18	Solid	08/04/25 15:36	08/05/25 14:43	0-3'
880-61154-19	S-19	Solid	08/04/25 15:39	08/05/25 14:43	0-3'
880-61154-20	S-20	Solid	08/04/25 15:42	08/05/25 14:43	0-3'
880-61154-21	S-21	Solid	08/04/25 15:45	08/05/25 14:43	0-3'
880-61154-22	S-22	Solid	08/04/25 15:48	08/05/25 14:43	0-3'
880-61154-23	S-23	Solid	08/04/25 15:52	08/05/25 14:43	0-3'
880-61154-24	S-24	Solid	08/04/25 15:55	08/05/25 14:43	0-3'
880-61154-25	B-1	Solid	08/04/25 16:00	08/05/25 14:43	3'
880-61154-26	B-2	Solid	08/04/25 16:03	08/05/25 14:43	3'
880-61154-27	B-3	Solid	08/04/25 16:06	08/05/25 14:43	3'
880-61154-28	B-4	Solid	08/04/25 16:09	08/05/25 14:43	3'
880-61154-29	B-5	Solid	08/04/25 16:12	08/05/25 14:43	3'
880-61154-30	B-6	Solid	08/04/25 16:15	08/05/25 14:43	3'
880-61154-31	B-7	Solid	08/04/25 16:18	08/05/25 14:43	3'
880-61154-32	B-8	Solid	08/04/25 16:21	08/05/25 14:43	3'
880-61154-33	B-9	Solid	08/04/25 16:24	08/05/25 14:43	3'
880-61154-34	B-10	Solid	08/04/25 16:27	08/05/25 14:43	3'
880-61154-35	B-11	Solid	08/04/25 16:30	08/05/25 14:43	3'
880-61154-36	B-12	Solid	08/04/25 16:33	08/05/25 14:43	3'
880-61154-37	B-13	Solid	08/04/25 16:36	08/05/25 14:43	3'
880-61154-38	B-14	Solid	08/04/25 16:39	08/05/25 14:43	3'
880-61154-39	B-15	Solid	08/04/25 16:42	08/05/25 14:43	3'
880-61154-40	B-16	Solid	08/04/25 16:45	08/05/25 14:43	3'
880-61154-41	B-17	Solid	08/04/25 16:50	08/05/25 14:43	3'

Eurofins Midland

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Environment Testing

Xenco



880-61154 Chain of Custody

www.xenco.com rays of 5

Work Order Comments										
Program:	UST/PST	☐	PRP	☐	Brownfields	☐	RRC	☐	Superfund	☐
State of Project:	NM									
Reporting:	Level II	☐	Level III	☐	PST/UST	☐	TRRP	☐	Level IV	☐
Deliverables:	EDD	☐	ADaPT	☐	Other:					

Project Manager:	<i>Gindy Crain</i>		Bill to: (if different)	<i>Nicole Cornwell</i>
Company Name:	<i>Crain Environmental</i>		Company Name:	<i>BYP</i>
Address:	<i>2925 E. 17th St.</i>		Address:	<i>11757 Katy Fwy, Ste 475</i>
City, State ZIP:	<i>Dallas, TX 79741</i>		City, State ZIP:	<i>Houston, TX 77079</i>
Phone:	<i>(575) 441-7244</i>		Email:	<i>Gindy.crain@gmail.com</i>

[illegible]

Total	200.7 / 6010	200.8 / 6020:	8RCRA 13PPM Texas 11	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Mo	Ni	K	Se	Ag	SiO ₂	Na	Sr	Tl	Sn	U	V	Zn
Circle Method(s) and Metal(s) to be analyzed			TCLP / SPLP 6010 : 8RCRA	Sb	As	Ba	Be	Cd <td>Ca <td>Cr <td>Co <td>Cu <td>Pb <td>Mn <td>Mo <td>Ni <td>Se <td>Ag <td>Tl <td>U <td></td> <td></td> <td>Hg:</td> <td>1631 / 245.1</td> <td>7470 / 7471</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </td></td></td></td></td></td></td></td></td></td></td></td>	Ca <td>Cr <td>Co <td>Cu <td>Pb <td>Mn <td>Mo <td>Ni <td>Se <td>Ag <td>Tl <td>U <td></td> <td></td> <td>Hg:</td> <td>1631 / 245.1</td> <td>7470 / 7471</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </td></td></td></td></td></td></td></td></td></td></td>	Cr <td>Co <td>Cu <td>Pb <td>Mn <td>Mo <td>Ni <td>Se <td>Ag <td>Tl <td>U <td></td> <td></td> <td>Hg:</td> <td>1631 / 245.1</td> <td>7470 / 7471</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </td></td></td></td></td></td></td></td></td></td>	Co <td>Cu <td>Pb <td>Mn <td>Mo <td>Ni <td>Se <td>Ag <td>Tl <td>U <td></td> <td></td> <td>Hg:</td> <td>1631 / 245.1</td> <td>7470 / 7471</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </td></td></td></td></td></td></td></td></td>	Cu <td>Pb <td>Mn <td>Mo <td>Ni <td>Se <td>Ag <td>Tl <td>U <td></td> <td></td> <td>Hg:</td> <td>1631 / 245.1</td> <td>7470 / 7471</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </td></td></td></td></td></td></td></td>	Pb <td>Mn <td>Mo <td>Ni <td>Se <td>Ag <td>Tl <td>U <td></td> <td></td> <td>Hg:</td> <td>1631 / 245.1</td> <td>7470 / 7471</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </td></td></td></td></td></td></td>	Mn <td>Mo <td>Ni <td>Se <td>Ag <td>Tl <td>U <td></td> <td></td> <td>Hg:</td> <td>1631 / 245.1</td> <td>7470 / 7471</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </td></td></td></td></td></td>	Mo <td>Ni <td>Se <td>Ag <td>Tl <td>U <td></td> <td></td> <td>Hg:</td> <td>1631 / 245.1</td> <td>7470 / 7471</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </td></td></td></td></td>	Ni <td>Se <td>Ag <td>Tl <td>U <td></td> <td></td> <td>Hg:</td> <td>1631 / 245.1</td> <td>7470 / 7471</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </td></td></td></td>	Se <td>Ag <td>Tl <td>U <td></td> <td></td> <td>Hg:</td> <td>1631 / 245.1</td> <td>7470 / 7471</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </td></td></td>	Ag <td>Tl <td>U <td></td> <td></td> <td>Hg:</td> <td>1631 / 245.1</td> <td>7470 / 7471</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </td></td>	Tl <td>U <td></td> <td></td> <td>Hg:</td> <td>1631 / 245.1</td> <td>7470 / 7471</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </td>	U <td></td> <td></td> <td>Hg:</td> <td>1631 / 245.1</td> <td>7470 / 7471</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>			Hg:	1631 / 245.1	7470 / 7471						

Notice: Signature of this document constitutes a valid purchase order from client company to Eurofins Xenico, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenico 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 Xenico. A minimum charge of \$85.00 will be applied to each sample submitted to Eurofins Xenico, but not analyzed. These terms will be enforced unless previously negotiated.

[illegible]

Revised Date: 08/25/2020 Rev: 2020 2

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Environment Testing

Xenco

Work Order No: _____

Page 2 of 5
www.xenco.com

Work Order Comments										
Program:	UST/PST	☐	PRP	☐	Brownfields	☐	RRC	☐	Superfund	☐
State of Project:	<i>NM</i>									
Reporting:	Level II	☐	Level III	☐	PST/UST	☐	TRRP	☐	Level IV	☐
Deliverables:	EDD	☐	ADaPT	☐	Other:					

Project Manager:	Andy Crain		Bill to: (if different)	Nicole Cornwell
Company Name:	Crain Environmental		Company Name:	BXP
Address:	2925 E. 17th St.		Address:	11757 Katy Frwy, Ste. 475
City, State ZIP:	Dulles, TX 79761		City, State ZIP:	Houston, TX 77079
Phone:	(575) 411-7344		Email:	crain.ryan@gmail.com

[illegible]

Total	200.7/6010	200.8/6020:	8RCRA 13PPM Texas 11	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Cu	Fe	Pb	Mg	Mn	Mo	Ni	K	Se	Ag	SiO ₂	Na	Sr	Tl	Sn	U	V	Zn		
Circle Method(s) and Metal(s) to be analyzed																																

Notice: Signatures 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 \$48.00 will be applied to each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated in writing.

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			4/5/25			
3						
4						
6						

Revised Date: 08/25/2020 Rev. 2020.2

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Environment Testing
Xenco



Work Order No: _____

www.xenco.com Page 3 of 5

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project: NM	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Manager: Cindy Crain	Bill to: (if different) Nicole Cornwell
Company Name: Crain Environmental	Company Name: BXP
Address: 2925 E. 17th St.	Address: 11757 Katy Frwy, Ste. 475
City, State ZIP: Odessa, TX 79761	City, State ZIP: Houston, TX 77079
Phone: (575) 441-7244	Email: Cindy.crain@gmail.com

ANALYSIS REQUEST										Preservative Codes	
Project Name:	Project Number:	Project Location:	Sampler's Name:	PO #:	Turn Around			Pres. Code	# of Cont	Sample Comments	
					☒ Routine	☐ Rush	Due Date:				
Project Name: Bagley #4 SWD Area 8											
Project Location: Lga Co, NM											
Sampler's Name: Cindy Crain											
PO #:											
SAMPLE RECEIPT					Temp Blank:		Wet Ice:				
Samples Received Intact:					Yes	No	Thermometer ID:				
Cooler Custody Seals:					Yes	No	Correction Factor:				
Sample Custody Seals:					Yes	No	Temperature Reading:				
Total Containers:					Corrected Temperature:						
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp						
S-21	S	8/4/25	1545	0-3'	C						
S-22			1548								
S-23			1552								
S-24			1555								
B-1			1600	3'							
B-2			1603								
B-3			1606								
B-4			1609								
B-5			1612								
B-6			1615								

Total 2007/6010	200.8/6020:	8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed	TCLP/SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Cindy Crain		8/5/25 1443			

Revised Date: 08/25/2020 Rev. 2020.2

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199



Environment Testing
Xenco

Work Order No:

www.xenco.com Page 4 of 5

Work Order Comments

Program: ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project: **NH**

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

Deliverables: EDD ☐ ADAPT ☐ Other:

Project Manager: **Cindy Crain**

Company Name: **Crain Environmental**

Address: **2925 E. 17th St.**

City, State ZIP: **Weslaco, TX 79761**

Phone: **(575) 441-7244**

Bill to: (if different)

Company Name: **Nicole Cornwell**

Address: **11757 Katy Frwy, Ste. 475**

City, State ZIP: **Houston, TX 77079**

Email: **Cindy.Crain@gmail.com**

Project Name: **Bagley #4 SMD Area 8**

Project Number:

Project Location: **Lea Co., NM**

Sampler's Name: **Cindy Crain**

PO #:

SAMPLE RECEIPT

Samples Received Intact: Yes ☐ No ☐

Cooler Custody Seals: Yes ☐ No ☐ N/A ☐

Sample Custody Seals: Yes ☐ No ☐ N/A ☐

Total Containers:

Temp Blank: Yes ☐ No ☐

Thermometer ID:

Correction Factor:

Temperature Reading:

Corrected Temperature:

Turn Around

☒ Routine ☐ Rush

Due Date:

TAT starts the day received by the lab, if received by 4:30pm

Wet Ice: Yes ☐ No ☐

Parameters

Pres. Code

ANALYSIS REQUEST

Preservative Codes

None: NO DI Water: H₂O

Cool: Cool MeOH: Me

HCL: HC HNO₃: HN

H₂SO₄: H₂ NaOH: Na

H₃PO₄: HP

NaHSO₄: NABIS

Na₂S₂O₃: NaSO₃

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Sample Comments
B-7	S	8/1/25	1618	3'	C	1	TPH 8015M
B-8			1621				BTEX
B-9			1624				Chlorides
B-10			1627				
B-11			1630				
B-12			1633				
B-13			1636				
B-14			1639				
B-15			1642				
B-16			1645				

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Cindy Crain	[Signature]	8/1/25 1643			

Revised Date: 08/25/2020 Rev. 2020.2

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Environment Testing

Xenco

Work Order No:

Page 5 of 5
www.xenco.com[illegible]

Login Sample Receipt Checklist

Client: Crain Environmental

Job Number: 880-61154-1

SDG Number: Lea Co., NM

Login Number: 61154

List Source: Eurofins Midland

List Number: 1

Creator: Vasquez, Julisa

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	



Appendix F: Photographic Documentation

Photographic Log
BXP Operating, LLC
Bagley SWD #4 - Area 8
August 4, 2025



View to S of excavation.



View to S of excavation.



View to N of excavation.



View to N of excavation.



Appendix G: Waste Manifests



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST/DISPOSAL TICKET

Ticket Number
114572
08/07/25 01:14 PM

GENERATOR

Generator: BXP OPERATING LLC
Generator Contact:
11757 KATY FREEWAY
HOUSTON, TX 77079
Phone No.:Lease: BAGLEY SWD 004 AREA #8
Location: BAGLEY SWD 004 AREA #8
Job Contact: _____
Phone Number: (000)000-0000
Email:

DISPOSAL FACILITY

Site Name/Permit No.: Commercial Landfill (NM-01-0019)
P.O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575)347-0435NORM Readings Taken: No
Reading > 50 micro roentgens: No
Pass the Paint Filter Test: No
Box Number:

WASTE MATERIAL

Material	Quantity	Cell
OCD EXEMPT SOILS	20.00 YDS	LF

TRANSPORTER

Name: ASAP OILFIELD SERVICES
Address:
Phone No.:Driver Name:
Truck Number: 209
Phone No.:

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed above.

Driver Signature

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is:

- ☒ RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)
- ☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261-24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached:
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis
- Other (Provide Description Below)

☐ Emergency Non-Oilfield:

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination, and a description of the waste must accompany this form.)

Name

Signature

KIMBERLY MURPHY

Name

Signature



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST/DISPOSAL TICKET

Ticket Number
114582
08/07/25 03:17 PM

GENERATOR

Generator: BXP OPERATING LLC
Generator Contact:
11757 KATY FREEWAY
HOUSTON, TX 77079
Phone No.:Lease: BAGLEY SWD 004 AREA #8
Location: BAGLEY SWD 004 AREA #8
Job Contact: _____
Phone Number: (000)000-0000
Email:

DISPOSAL FACILITY

Site Name/Permit No.: Commercial Landfill (NM-01-0019)
P.O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575)347-0435NORM Readings Taken: No
Reading > 50 micro roentgens: No
Pass the Paint Filter Test: No
Box Number:

WASTE MATERIAL

Material	Quantity	Cell
OCD EXEMPT SOILS	20.00 YDS	LF

TRANSPORTER

Name: MCVAY SERVICES
Address:
Phone No.:Driver Name:
Truck Number: 205-14616
Phone No.:

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed above.

Driver Signature

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is:

☒ RCRA Exempt:Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.
(Gandy Marley, Inc. accepts certifications on a per month only basis.)☐ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261-24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached:

☐ MSDS Information☐ RCRA Hazardous Waste Analysis

Other (Provide Description Below)

☐ Emergency Non-Oilfield:Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety.
(The order, documentation of non-hazardous waste determination, and a description of the waste must accompany this form.)

Name

Signature

KIMBERLY MURPHY

Name

Signature



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST/DISPOSAL TICKET

Ticket Number
114594
08/08/25 11:14 AM

GENERATOR

Generator: BXP OPERATING LLC
Generator Contact:
11757 KATY FREEWAY
HOUSTON, TX 77079
Phone No.:Lease: BAGLEY SWD 004 AREA #8
Location: BAGLEY SWD 004 AREA #8
Job Contact: -----
Phone Number: (000)000-0000
Email:

DISPOSAL FACILITY

Site Name/Permit No.: Commercial Landfill (NM-01-0019)
P.O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435NORM Readings Taken: No
Reading > 50 micro roentgens: No
Pass the Paint Filter Test: No
Box Number:

WASTE MATERIAL

Material	Quantity	Cell
OCD EXEMPT SOILS	20.00 YDS	LF

TRANSPORTER

Name: MCVAY SERVICES
Address:
Phone No.:Driver Name:
Truck Number: 209-16051
Phone No.:

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed above.

Driver Signature

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is:

☒ RCRA Exempt:Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.
(Gandy Marley, Inc. accepts certifications on a per month only basis.)☐ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261-24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached:

☐ MSDS Information☐ RCRA Hazardous Waste Analysis

Other (Provide Description Below)

☐ Emergency Non-Oilfield:Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety.
(The order, documentation of non-hazardous waste determination, and a description of the waste must accompany this form.)

Name

Signature

KIMBERLY MURPHY

Name

Signature



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST/DISPOSAL TICKET

Ticket Number
114590
08/08/25 09:36 AM

GENERATOR

Generator: BXP OPERATING LLC
Generator Contact:
11757 KATY FREEWAY
HOUSTON, TX 77079
Phone No.:Lease: BAGLEY SWD 004 AREA #8
Location: BAGLEY SWD 004 AREA #8
Job Contact: -----
Phone Number: (000)000-0000
Email:

DISPOSAL FACILITY

Site Name/Permit No.: Commercial Landfill (NM-01-0019)
P.O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435NORM Readings Taken: No
Reading > 50 micro roentgens: No
Pass the Paint Filter Test: No
Box Number:

WASTE MATERIAL

Material	Quantity	Cell
OCD EXEMPT SOILS	20.00 YDS	LF

TRANSPORTER

Name: MCVAY SERVICES
Address:
Phone No.:Driver Name:
Truck Number: 209-16051
Phone No.:

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed above.

Driver Signature

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is:

- ☒ RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)
- ☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261-24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached:
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis
- Other (Provide Description Below)

☐ Emergency Non-Oilfield:

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination, and a description of the waste must accompany this form.)

Name

Signature

KIMBERLY MURPHY

Name

Signature



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST/DISPOSAL TICKET

Ticket Number
114599
08/08/25 12:59 PM

GENERATOR

Generator: BXP OPERATING LLC
Generator Contact:
11757 KATY FREEWAY
HOUSTON, TX 77079
Phone No.:Lease: BAGLEY SWD 004 AREA #8
Location: BAGLEY SWD 004 AREA #8
Job Contact: _____
Phone Number: (000)000-0000
Email:

DISPOSAL FACILITY

Site Name/Permit No.: Commercial Landfill (NM-01-0019)
P.O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575)347-0435NORM Readings Taken: No
Reading > 50 micro roentgens: No
Pass the Paint Filter Test: No
Box Number:

WASTE MATERIAL

Material	Quantity	Cell
OCD EXEMPT SOILS	20.00 YDS	LF

TRANSPORTER

Name: MCVAY SERVICES
Address:
Phone No.:Driver Name:
Truck Number: 209-16051
Phone No.:

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed above.

Driver Signature

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is:

☒ RCRA Exempt:Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.
(Gandy Marley, Inc. accepts certifications on a per month only basis.)☐ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261-24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached:

☐ MSDS Information☐ RCRA Hazardous Waste Analysis

Other (Provide Description Below)

☐ Emergency Non-Oilfield:Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety.
(The order, documentation of non-hazardous waste determination, and a description of the waste must accompany this form.)

Name

Signature

KIMBERLY MURPHY

Name

Signature



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST/DISPOSAL TICKET

Ticket Number
114601
08/08/25 02:23 PM

GENERATOR

Generator: BXP OPERATING LLC
Generator Contact:
11757 KATY FREEWAY
HOUSTON, TX 77079
Phone No.:Lease: BAGLEY SWD 004 AREA #8
Location: BAGLEY SWD 004 AREA #8
Job Contact: -----
Phone Number: (000)000-0000
Email:

DISPOSAL FACILITY

Site Name/Permit No.: Commercial Landfill (NM-01-0019)
P.O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435NORM Readings Taken: No
Reading > 50 micro roentgens: No
Pass the Paint Filter Test: No
Box Number:

WASTE MATERIAL

Material	Quantity	Cell
OCD EXEMPT SOILS	20.00 YDS	LF

TRANSPORTER

Name: MCVAY SERVICES
Address:
Phone No.:Driver Name:
Truck Number: 209-16051
Phone No.:

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed above.

Driver Signature

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is:

☒ RCRA Exempt:Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.
(Gandy Marley, Inc. accepts certifications on a per month only basis.)☐ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261-24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached:

☐ MSDS Information☐ RCRA Hazardous Waste Analysis

Other (Provide Description Below)

☐ Emergency Non-Oilfield:Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety.
(The order, documentation of non-hazardous waste determination, and a description of the waste must accompany this form.)

Name

Signature

KIMBERLY MURPHY

Name

Signature



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST/DISPOSAL TICKET

Ticket Number
114609
08/11/25 09:31 AM

GENERATOR

Generator: BXP OPERATING LLC
Generator Contact:
11757 KATY FREEWAY
HOUSTON, TX 77079
Phone No.:Lease: BAGLEY SWD 004 AREA #8
Location: BAGLEY SWD 004 AREA #8
Job Contact: _____
Phone Number: (000)000-0000
Email:

DISPOSAL FACILITY

Site Name/Permit No.: Commercial Landfill (NM-01-0019)
P.O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435NORM Readings Taken: No
Reading > 50 micro roentgens: No
Pass the Paint Filter Test: No
Box Number:

WASTE MATERIAL

Material	Quantity	Cell
OCD EXEMPT SOILS	20.00 YDS	LF

TRANSPORTER

Name: MCVAY SERVICES
Address:
Phone No.:Driver Name:
Truck Number: 205-14618
Phone No.:

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed above.

Driver Signature

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is:

☒ RCRA Exempt:Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.
(Gandy Marley, Inc. accepts certifications on a per month only basis.)☐ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261-24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached:

☐ MSDS Information☐ RCRA Hazardous Waste Analysis

Other (Provide Description Below)

☐ Emergency Non-Oilfield:Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety.
(The order, documentation of non-hazardous waste determination, and a description of the waste must accompany this form.)

Name

Signature

KIMBERLY MURPHY

Name

Signature



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST/DISPOSAL TICKET

Ticket Number
114610
08/11/25 09:53 AM

GENERATOR

Generator: BXP OPERATING LLC
Generator Contact:
11757 KATY FREEWAY
HOUSTON, TX 77079
Phone No.:Lease: BAGLEY SWD 004 AREA #8
Location: BAGLEY SWD 004 AREA #8
Job Contact: -----
Phone Number: (000)000-0000
Email:

DISPOSAL FACILITY

Site Name/Permit No.: Commercial Landfill (NM-01-0019)
P.O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435NORM Readings Taken: No
Reading > 50 micro roentgens: No
Pass the Paint Filter Test: No
Box Number:

WASTE MATERIAL

Material	Quantity	Cell
OCD EXEMPT SOILS	20.00 YDS	LF

TRANSPORTER

Name: MCVAY SERVICES
Address:
Phone No.:Driver Name:
Truck Number: 209-16052
Phone No.:

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed above.

Driver Signature

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is:

☒ RCRA Exempt:Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.
(Gandy Marley, Inc. accepts certifications on a per month only basis.)☐ RCRA NON-EXEMPT:

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☐ MSDS Information☐ RCRA Hazardous Waste Analysis

Other (Provide Description Below)

☐ Emergency Non-Oilfield:Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety.
(The order, documentation of non-hazardous waste determination, and a description of the waste must accompany this form.)

Name

Signature

KIMBERLY MURPHY

Name

Signature



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST/DISPOSAL TICKET

Ticket Number
114625
08/11/25 12:56 PM

GENERATOR

Generator: BXP OPERATING LLC
Generator Contact:
11757 KATY FREEWAY
HOUSTON, TX 77079
Phone No.:Lease: BAGLEY SWD 004 AREA #8
Location: BAGLEY SWD 004 AREA #8
Job Contact: _____
Phone Number: (000)000-0000
Email:

DISPOSAL FACILITY

Site Name/Permit No.: Commercial Landfill (NM-01-0019)
P.O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575) 347-0435NORM Readings Taken: No
Reading > 50 micro roentgens: No
Pass the Paint Filter Test: No
Box Number:

WASTE MATERIAL

Material	Quantity
OCD EXEMPT SOILS	20.00 YDS

Cell
LF

TRANSPORTER

Name: MCVAY SERVICES
Address:
Phone No.:Driver Name:
Truck Number: 209-16052
Phone No.:

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed above.

Driver Signature

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is:

☒ RCRA Exempt:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261-24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached:

☐ MSDS Information☐ RCRA Hazardous Waste Analysis

Other (Provide Description Below)

☐ Emergency Non-Oilfield:

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination, and a description of the waste must accompany this form.)

Name

Signature

KIMBERLY MURPHY

Name

Signature



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST/DISPOSAL TICKET

Ticket Number
114631
08/11/25 02:06 PM

GENERATOR

Generator: BXP OPERATING LLC
Generator Contact:
11757 KATY FREEWAY
HOUSTON, TX 77079
Phone No.:Lease: BAGLEY SWD 004 AREA #8
Location: BAGLEY SWD 004 AREA #8
Job Contact: _____
Phone Number: (000)000-0000
Email:

DISPOSAL FACILITY

Site Name/Permit No.: Commercial Landfill (NM-01-0019)
P.O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575)347-0435NORM Readings Taken: No
Reading > 50 micro roentgens: No
Pass the Paint Filter Test: No
Box Number:

WASTE MATERIAL

Material	Quantity	Cell
OCD EXEMPT SOILS	20.00 YDS	LF

TRANSPORTER

Name: MCVAY SERVICES
Address:
Phone No.:Driver Name:
Truck Number: 205-14618
Phone No.:

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed above.

Driver Signature

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is:

☒ RCRA Exempt:Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.
(Gandy Marley, Inc. accepts certifications on a per month only basis.)☐ RCRA NON-EXEMPT:

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☐ MSDS Information☐ RCRA Hazardous Waste Analysis

Other (Provide Description Below)

☐ Emergency Non-Oilfield:Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety.
(The order, documentation of non-hazardous waste determination, and a description of the waste must accompany this form.)

Name

Signature

KIMBERLY MURPHY

Name

Signature



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST/DISPOSAL TICKET

Ticket Number
114616
08/11/25 11:00 AM

GENERATOR

Generator: BXP OPERATING LLC
Generator Contact:
11757 KATY FREEWAY
HOUSTON, TX 77079
Phone No.:Lease: BAGLEY SWD 004 AREA #8
Location: BAGLEY SWD 004 AREA #8
Job Contact: _____
Phone Number: (000)000-0000
Email:

DISPOSAL FACILITY

Site Name/Permit No.: Commercial Landfill (NM-01-0019)
P.O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575)347-0435NORM Readings Taken: No
Reading > 50 micro roentgens: No
Pass the Paint Filter Test: No
Box Number:

WASTE MATERIAL

Material	Quantity	Cell
OCD EXEMPT SOILS	20.00 YDS	LF

TRANSPORTER

Name: MCVAY SERVICES
Address:
Phone No.:Driver Name:
Truck Number: 205-14618
Phone No.:

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed above.



Driver Signature

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is:

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(Gandy Marley, Inc. accepts certifications on a per month only basis.)☐ RCRA NON-EXEMPT:

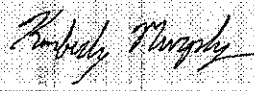
Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261-24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached:

☐ MSDS Information☐ RCRA Hazardous Waste Analysis

Other (Provide Description Below)

☐ Emergency Non-Oilfield:Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety.
(The order, documentation of non-hazardous waste determination, and a description of the waste must accompany this form.)_____
Name_____
Signature

KIMBERLY MURPHY

Name

Signature



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST/DISPOSAL TICKET

Ticket Number
114617
08/11/25 11:21 AM

GENERATOR

Generator: BXP OPERATING LLC
Generator Contact:
11757 KATY FREEWAY
HOUSTON, TX 77079
Phone No.:Lease: BAGLEY SWD 004 AREA #8
Location: BAGLEY SWD 004 AREA #8
Job Contact: _____
Phone Number: (000)000-0000
Email:

DISPOSAL FACILITY

Site Name/Permit No.: Commercial Landfill (NM-01-0019)
P.O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575)347-0435NORM Readings Taken: No
Reading > 50 micro roentgens: No
Pass the Paint Filter Test: No
Box Number:

WASTE MATERIAL

Material	Quantity	Cell
OCD EXEMPT SOILS	20.00 YDS	LF

TRANSPORTER

Name: MCVAY SERVICES
Address:
Phone No.:Driver Name:
Truck Number: 209-16052
Phone No.:

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed above.

Driver Signature

C-138

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Other (Provide Description Below)

☐ Emergency Non-Oilfield:

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Name

Signature

KIMBERLY MURPHY

Name

Signature



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST/DISPOSAL TICKET

Ticket Number
114623
08/11/25 12:27 PM

GENERATOR

Generator: BXP OPERATING LLC
Generator Contact:
11757 KATY FREEWAY
HOUSTON, TX 77079
Phone No.:Lease: BAGLEY SWD 004 AREA #8
Location: BAGLEY SWD 004 AREA #8
Job Contact: _____
Phone Number: (000)000-0000
Email:

DISPOSAL FACILITY

Site Name/Permit No.: Commercial Landfill (NM-01-0019)
P.O. Box 1658
Roswell, NM 88202
Office (575) 347-0434
Fax (575)347-0435NORM Readings Taken: No
Reading > 50 micro roentgens: No
Pass the Paint Filter Test: No
Box Number:

WASTE MATERIAL

Material	Quantity	Cell
OCD EXEMPT SOILS	20.00 YDS	LF

TRANSPORTER

Name: MCVAY SERVICES
Address:
Phone No.:Driver Name:
Truck Number: 205-14618
Phone No.:

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed above.

Driver Signature

C-138

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Other (Provide Description Below)

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(The order, documentation of non-hazardous waste determination, and a description of the waste must accompany this form.)

Name

Signature

KIMBERLY MURPHY

Name

Signature

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 514276

QUESTIONS

Operator: BXP Operating, LLC 11757 KATY FREEWAY HOUSTON, TX 77079	OGRID: 329487
	Action Number: 514276
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2509980836
Incident Name	NAPP2509980836 BAGLEY SWD #004 @ 30-025-01015
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-01015] BAGLEY SWD #004

Location of Release Source	
Please answer all the questions in this group.	
Site Name	BAGLEY SWD #004
Date Release Discovered	11/20/2024
Surface Owner	State

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: Corrosion Pipeline (Any) Produced Water Released: 0 BBL (Unknown Released Amount) Recovered: 0 BBL Lost: 0 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)	Upon request from the State Land Office (SLO) Environmental Compliance Office (ECO), a soil investigation was conducted in this barren area. Lab results received on 11/20/24 indicated that a historical release had occurred in this area. A Site Characterization Report and Remediation Workplan will be submitted that includes all historical releases on the Bagley SWD #004 State lease.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 2

Action 514276

QUESTIONS (continued)

Operator: BXP Operating, LLC 11757 KATY FREEWAY HOUSTON, TX 77079	OGRID: 329487
	Action Number: 514276
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Bianca Guerrero Title: Regulatory manager Email: bguerrero@bxpltd.com Date: 10/11/2025
--	---

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 3

Action 514276

QUESTIONS (continued)

Operator: BXP Operating, LLC 11757 KATY FREEWAY HOUSTON, TX 77079	OGRID: 329487
	Action Number: 514276
	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 26 and 50 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
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	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 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	Greater than 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
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	2420
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	08/26/2025
On what date will (or did) the final sampling or liner inspection occur	09/11/2025
On what date will (or was) the remediation complete(d)	09/26/2025
What is the estimated surface area (in square feet) that will be reclaimed	4710
What is the estimated volume (in cubic yards) that will be reclaimed	698
What is the estimated surface area (in square feet) that will be remediated	4710
What is the estimated volume (in cubic yards) that will be remediated	698

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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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 4

Action 514276

QUESTIONS (continued)

Operator: BXP Operating, LLC 11757 KATY FREEWAY HOUSTON, TX 77079	OGRID: 329487
	Action Number: 514276
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fAB0000000061 TNM-55-95
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
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Bianca Guerrero Title: Regulatory manager Email: bguerrero@bxpitd.com Date: 10/11/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 514276

QUESTIONS (continued)

Operator: BXP Operating, LLC 11757 KATY FREEWAY HOUSTON, TX 77079	OGRID: 329487
	Action Number: 514276
	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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Action 514276

QUESTIONS (continued)

Operator: BXP Operating, LLC 11757 KATY FREEWAY HOUSTON, TX 77079	OGRID: 329487
	Action Number: 514276
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	490890
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/04/2025
What was the (estimated) number of samples that were to be gathered	37
What was the sampling surface area in square feet	2900

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
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	2900
What was the total volume (cubic yards) remediated	260
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	2900
What was the total volume (in cubic yards) reclaimed	260
Summarize any additional remediation activities not included by answers (above)	Upon OCD and ECO approval of Closure, the excavation will be backfilled to grade with non-impacted similar material obtained from a landowner pit. The impacted surface areas will be restored to pre-release conditions. Surface grading will be performed to near original conditions and contoured to prevent erosion and ponding, promote stability, and preserve storm water flow patterns.
<i>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>	
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: Bianca Guerrero Title: Regulatory manager Email: bguerrero@bxpltd.com Date: 10/11/2025

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Action 514276

QUESTIONS (continued)

Operator: BXP Operating, LLC 11757 KATY FREEWAY HOUSTON, TX 77079	OGRID: 329487
	Action Number: 514276
	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

Action 514276

CONDITIONS

Operator: BXP Operating, LLC 11757 KATY FREEWAY HOUSTON, TX 77079	OGRID: 329487
	Action Number: 514276
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	11/7/2025