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SITE CLOSURE REQUEST

COG Operating, LLC
Cotton Draw (02.14.2024)
Lea County, New Mexico
Unit N, Section 34, Township 24 South, Range 32 East
Latitude 32.1683° North, Longitude 103.6710° West
NMOCD Reference No. nAPP2404655074

Prepared For:

COP Operating, LLC
600 W Illinois Avenue
Midland, Texas 79701

Prepared By:

TRC Environmental Corporation
10 Desta Drive, Suite 410E
Midland, Texas 79705

JANUARY 2025

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Environmental Scientist

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Senior Project Manager

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INTRODUCTION

TRC Environmental Corporation (TRC), on behalf of ConocoPhillips (COP), has prepared this ***Site Closure Request*** for the Release Site known as Cotton Draw (the Site). The legal description of the Site is Unit N, Section 34, Township 24 South, Range 32 East, in Lea County, New Mexico. The subject property is owned by the United States Federal government and administered by the Bureau of Land Management (BLM). The GPS coordinates for the Site are 32.1683°N, 103.6710°W. A topographical map is provided as **Figure 1**.

BACKGROUND

On February 14, 2024, COP was notified that a truck strike occurred on the transfer line at the Site which released approximately 816 barrels (bbls) of produced water to the ground surface and affected approximately 70,000 square feet. The entire the release footprint is in the 'bar ditch' immediately adjacent to County Road 1 (Orla Road). On February 15, 2024, COP notified the Bureau of Land Management (BLM) and the New Mexico Oil and Conservation Division (NMOCD) of the release.

During initial response activities, a vacuum truck was dispatched to recover any recoverable freestanding fluids. A total of 480 bbls of produced water was recovered. The net loss of produced water was approximately 336 bbls.

On March 26, 2024, the initial Release Notification and Corrective Action (Form C-141) was submitted to the NMOCD through the portal, as the filed Notice of Release (NOR) was thought to be a C-141 submission. A copy of the NMOCD submitted Form C-141 for the Release is provided in **Appendix A**.

REGULATORY FRAMEWORK

A groundwater database maintained by The New Mexico Office of the State Engineer (NMOSE) did not identify any registered water wells in Section 32, Township 24 South, Range 32 East. An active well (C-04536-POD1) drilled in 2021 approximately 0.87 miles north-northwest of the site is used for livestock and has a depth to water of 314 feet (screened from 300 – 500 feet bgs). Additionally, an adjacent COP remediation site (nAPP2124346388) included a 105-foot bgs depth to water boring which was dry after 72 hours. The dry boring was installed approximately 1.8 miles northwest of the Site. Despite the distance slightly outside of the 0.5 mile radius typically requested of the agency, the groundwater depth appears reasonably characterized to be well beyond 100 feet bgs in the area. Therefore, COP will utilize the least stringent remedial guidelines for sites with groundwater deeper than 100 feet bgs. The database search is included as **Appendix B**.

In addition to a groundwater depth of greater than 100 feet bgs, no sensitive receptors were identified within the conditional radii of the Site, including:

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- Lateral extents are NOT within 300 feet of a continuously flowing watercourse or any other significant watercourse.
- Lateral extents are NOT within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).
- Lateral extents are NOT within 300 feet of an occupied permanent residence, school, hospital, institution, or church.
- Lateral extents are NOT within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes.
- Lateral extents are NOT within 1,000 feet of any other fresh water well or spring.
- Lateral extents are NOT within incorporated municipal boundaries or within a defined municipal fresh water field.
- Lateral extents are NOT within 300 feet of a wetland.
- Lateral extents are NOT overlying a subsurface mine.
- Lateral extents are NOT overlying an unstable area such as karst geology (low karst potential according to the BLM dataset).
- Lateral extents are NOT within a 100-year floodplain.
- The release DID impact an area not on an exploration, development, production, or storage site.

The site characteristics listed on the Form C-141 above are depicted in **Figure 2**. The karst potential designation, as outlined in the BLM publicly available Karst Potential dataset, is depicted in **Figure 3**.

Cotton Draw Release Site is greater than 100 feet below ground surface (bgs), has low karst potential, and the lateral extents are not near identified receptors as outlined in the Form C-141. Therefore, the NMOCD *Closure Criteria for Soils Impacted by a Release* warrants the least stringent closure criteria as follows:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- TPH: 1,000 mg/kg (GRO + DRO)
- TPH: 2,500 mg/kg (GRO + DRO + MRO)
- Chloride: 20,000 mg/kg

SOIL INVESTIGATION SUMMARY

Investigation-Hand Auger Borings

On April 4 and 5, 2024, an initial soil investigation was conducted at the Site. To laterally delineate the release, forty-four (44) sample locations (N-1, S-1, E-1, through E-21, and W-1 through W-21) were advanced, utilizing a hand auger, outside the margins of the release area to a depth of approximately 1 foot bgs. To vertically delineate the release, twenty-one sample locations were advanced to mechanical refusal between 2 and 4 feet bgs. Each of the soil samples collected was submitted to Eurofins Laboratory in Midland, TX for TPH analysis by EPA 8015A, BTEX analysis

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by EPA 8021, and chloride analysis by E300. A summary of the analytical results is presented in **Table 1**. Sample locations are depicted on **Figure 4**.

The results indicated the release has been laterally delineated to below the reclamation standards in each direction for BTEX constituents, but required further delineation to below reclamation standards for TPH and chlorides in AH-1, AH-3, AH-12, AH-17, AH-18, and AH-20, S-1, E-1, E-2, E-3, E-4, W-1, W-2, W-6, W-7, W-8, W-11, W-16, W-18, W-19, W-20, and W-21. No soil samples exceeded the remediation standards at the Site for any constituents.

Investigation – Backhoe Trenching

On May 22 through June 7, 2024, a secondary soil investigation was conducted at the Release Site to further delineate to below the reclamation standards (S-1A, E-8 through E-10, E-20, E-21, W-8A, W-11A, W-16A, W-18A through W-21A, TT-2, and TT-4 through TT-10 soil sample locations). S-1A, E-8 through E-10, E-20, E-21, W-8A, W-11A, W-16A, W-18A through W-21A were advanced adjacent to the original sample locations at depths of 0-1 feet.

Vertical delineation sample locations TT-2 and TT-4 through TT-10 were advanced to depths ranging from 0-1 feet to approximately 10 feet bgs. A dense rock layer was encountered beginning at approximately 2-4 feet bgs across the site. The thickness of the dense rock layer was 1 – 2 feet.

Each of the soil samples collected was submitted to Eurofins Laboratory in Midland, TX for TPH analysis by EPA 8015M and/or chloride analysis by E300. The analytical results summary is presented in **Table 1**. The sample locations are depicted in **Figure 4**.

The results indicated that the release has been laterally delineated to below the reclamation standards in each direction for all constituents. Additionally, vertical sample locations were defined to below reclamation standards in all sampled locations.

Lateral Site Restrictions

Due to the eastern margin of the release footprint overlapping the NMDOT right-of-way, none of the lateral delineation samples to the east outside the ROW margins would exhibit chloride concentrations below the reclamation standard. In a verbal conversation with the NMODOT, the agency indicated no excavation should occur within their 60-foot ROW. Each submitted lateral soil sample was within this ROW. The lateral delineation samples show that lateral delineation below reclamation standards was fully achieved, however the lateral extents of the area cannot be excavated and maintain compliance with NMDOT directive to avoid the ROW. The western side is also delineated and could be addressed if the lay-flat line were removed.

SITE HAZARDS AND REMEDIATION SAFETY CONSIDERATIONS

As demonstrated, significant site safety hazards exist at the site, which potentially impact the feasibility of safely completing the excavation of impacted soil on the site. These safety hazards and concerns include:

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Restricted Site Access (Orla Road/CR-1)

- The area around the release site has limited ingress/egress. No paved shoulder or turn lane exists to facilitate truck traffic in and out of the site along a very busy and dangerous highway (Orla Road/CR-1).

- Overhead power lines are present along the highway to areas of concern. Safety requirements regarding excavation around overhead power lines may hinder the remediation.

- No staging area or area to be utilized for stockpiling the impacted soil in the bar ditch is present, and staging adjacent to the excavation is problematic due to access issues. Transport truck and equipment will be confined to the narrow easement to load them. Also, a large turnaround is needed to allow trucks to safely exit the site.

Traffic Hazards

- The rate and speed at which vehicles and trucks traverse Orla Road are a potential risk to workers and equipment working within proximity to that traffic.

- The busy nature of this highway and the potential hazards associated with vehicles and equipment turning into and out of the site create potentially dangerous hazards to site contractors and to oncoming traffic.

Overhead Power Lines

- The overhead power lines that run along the western side of Orla Road present a significant hazard to people and equipment operating in proximity. The presence of these overhead power lines limits the ability to use heavy equipment in the areas closest to those power lines.

- Safety requirements include maintaining a 10-foot exclusion zone between the overhead power lines and any operating equipment. These requirements around overhead power lines may hinder the remediation.

Surface Utilities

- The flat line (water line) is still present in the area. Prior to performing any construction activities, the flat line will need to be removed from the area due to safety and access issues.

PROPOSAL TO LEAVE SOILS IN PLACE AND CLOSURE REQUEST

Based on the laboratory analytical results from the soil samples collected at the Release Site, the soil concentrations for TPH, BTEX, and chloride are not above NMOCD remediation standards in any sampled location or intervals. Additionally, the soil samples collected did not exhibit TPH or BTEX concentration above reclamation standards with the exception of E-1, E-2, E-3, E-4, AH-1,

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and AH-3. A number of soil samples did exhibit reclamation standards exceedances, but all such locations were well defined vertically and laterally.

The release is located in a bar ditch that receives all the run-off from the very busy county road (CR-1, or Orla Road). The bar ditch is filled with debris from the road traffic, and traffic is very heavy. Part of the release is within the 60-foot wide NMDOT right-of-way. The NMDOT requested that no excavation occur within their right-of-way, which is the entirety of the easternmost portion of the affected area. The area immediately outside the NMDOT right-of-way is a sharp drop off which is a hazard to site workers if a vehicle were to veer off the roadway (which is what caused the release initially – a vehicle strike on a lay-flat flowline). The land between the NMDOT right-of-way and the fenceline, which the remainder of the release is located on, is administered by the BLM.

COP proposes, due to the spill location, to leave the reclamation standard exceedances in place. Very little vegetation is growing in this area due to the runoff from the road and the steep grade into the bar ditch. There are no soil samples that exhibited TPH, BTEX, or chloride concentrations near the remediation standard. Reclamation of this area would not be productive and constitutes a safety hazard for both those working onsite and the public driving on the adjacent road.

The proposal to leave the reclamation standard exceedances in place was discussed verbally on a phone call between Ike Tavarez of COP and Shelly Taylor of the BLM on January 7, 2025. The BLM concurred that the soils above the reclamation standard but below the remediation standard should remain in place due to the safety concerns and adjacent roadway right of way. The conversation was documented by a follow up email, which is provided as **Appendix E**.

Based on laboratory analytical results and field activities conducted to date, TRC recommends COP provide copies of this Site Closure Request to the NMOCD and request closure status to the Cotton Draw site. If you have any questions, or need any additional information, please feel free to contact myself or Ike Tavarez by phone or email.

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DISTRIBUTION

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

Copy 2: Shelly Taylor
United States Bureau of Land Management
620 E. Green Street
Carlsbad, New Mexico 88220

Copy 3: Ike Tavarez
COP Operating, LLC
600 W. Illinois Avenue
Midland, Texas 79701

Copy 4: TRC Environmental Corporation
10 Desta Dr STE 410E
Midland, TX 79705



SITE LOCATION

BASE MAP: USGS 7.5 MINUTE TOPOGRAPHIC
QUADRANGLE SERIES, PADUCA BREAKS NW, NM.
DATA SOURCES: TRC, USGS

0 0.5 1 MILE

1:63,360 1" = 1 MILE

PROJECT:
COTTON DRAW 2.14.24 RELEASE
LEA COUNTY, NM

TITLE:
TOPOGRAPHICAL MAP

DRAWN BY:	P. MARCOU	PROJ. NO.:	596103.0000.0000
CHECKED BY:	B. TRACY		
APPROVED BY:	J. STOFFEL		**FIGURE 1**
DATE:	JUNE 2024		

505 EAST HUNTLAND DRIVE
SUITE #250
AUSTIN, TX 78752
PHONE: 512.329.6080

FILE: COTTONDRAW

COORDINATE SYSTEM: NAD 1983 STATEPLANE NEW MEXICO EAST FIPS 3001 FEET; MAP ROTATION: 0
-- SAVED BY: PMARCOU ON 6/28/2024, 09:56:43 AM; FILE PATH: T:\1-PROJECTS\CONOCOPHILLIPS\596103_COTTONDRAW\2-APRX\COTTONDRAW.APRX; LAYOUT NAME: FIG 1 SITE LOC TOPO



SITE LOCATION

WATER BORING

WATER WELL

WETLAND TYPE

FRESHWATER EMERGENT WETLAND

FRESHWATER FORESTED/SHRUD WETLAND

FRESHWATER POND

LAKE

RIVERINE

NO FEMA 100-YEAR-FLOOD PLAIN PRESENT IN THE AREA SHOWN ON MAP.

BASE MAP: GOOGLE EARTH PRO, 11/2/2017.
DATA SOURCES: TRC
OSE POINTS OF DIVERSION FROM NMOSE, 12/7/2022.
FEMA FLOOD HAZARD AREAS, ESRI, 2022.

N

0 0.5 1 MILE

1:63,360 1" = 1 MILE

PROJECT:
COTTON DRAW 2.14.24 RELEASE
LEA COUNTY, NM

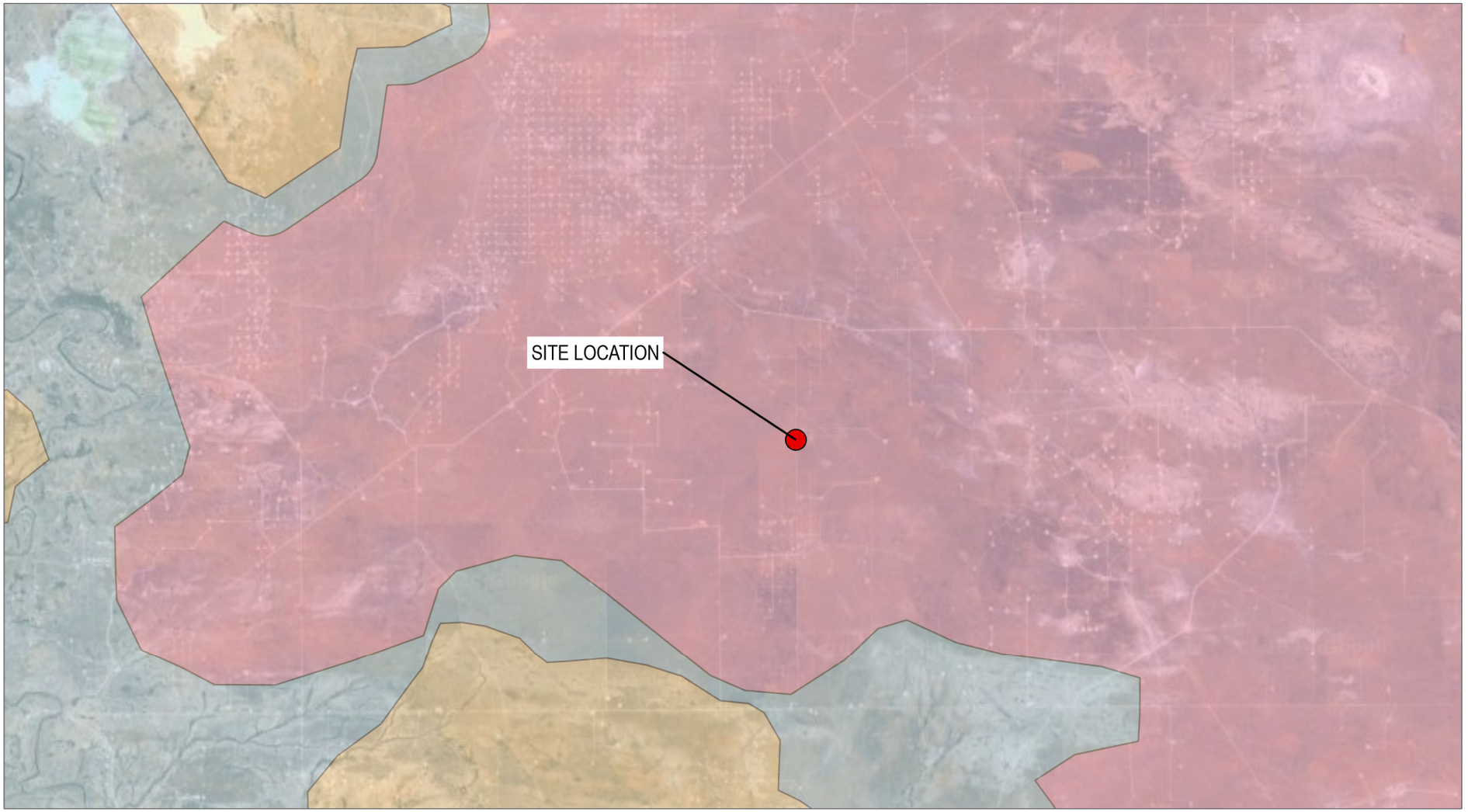
TITLE:
AERIAL MAP

DRAWN BY:	P>MARCOU	PROJ. NO.:	596103.0000.0000
CHECKED BY:	B. TRACY		
APPROVED BY:	J. STOFFEL		**FIGURE 2**
DATE:	JUNE 2024		

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FILE: COTTONDRAW

COORDINATE SYSTEM: NAD 1983 STATEPLANE NEW MEXICO EAST FIPS 3001 FEET; MAP ROTATION: 0
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- SITE LOCATION
- MEDIUM KARST POTENTIAL
- HIGH KARST POTENTIAL
- LOW KARST POTENTIAL

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LEA COUNTY, NM

TITLE:
KARST POTENTIAL MAP

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CHECKED BY:	B. TRACY		
APPROVED BY:	J. STOFFEL		**FIGURE 3**
DATE:	JUNE 2024		

BASE MAP: GOOGLE EARTH PRO, 11/2/2017.
DATA SOURCES: TRC
KARST DATA FROM NM BLM, APRIL 2018.

N

0 2 4 MILES

1:250,000 1" = 4 MILES

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FILE: COTTONDRAW

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RELEASE FOOTPRINT

COUNTY ROAD 1 - ORLA RD.

HIGHWAY RIGHT OF WAY - (COUNTY RD 1 - ORLA RD.)

FENCE

SAMPLE POINTS

LATERAL DELINEATION SOIL SAMPLE LOCATION

VERTICAL DELINEATION SOIL SAMPLE LOCATION



BASE MAP: GOOGLE EARTH PRO, 4/26/2023.
DATA SOURCES: TRC

0 30 60 FEET

1:720 1" = 60'

PROJECT:
COTTON DRAW 2.14.24 RELEASE
LEA COUNTY, NM

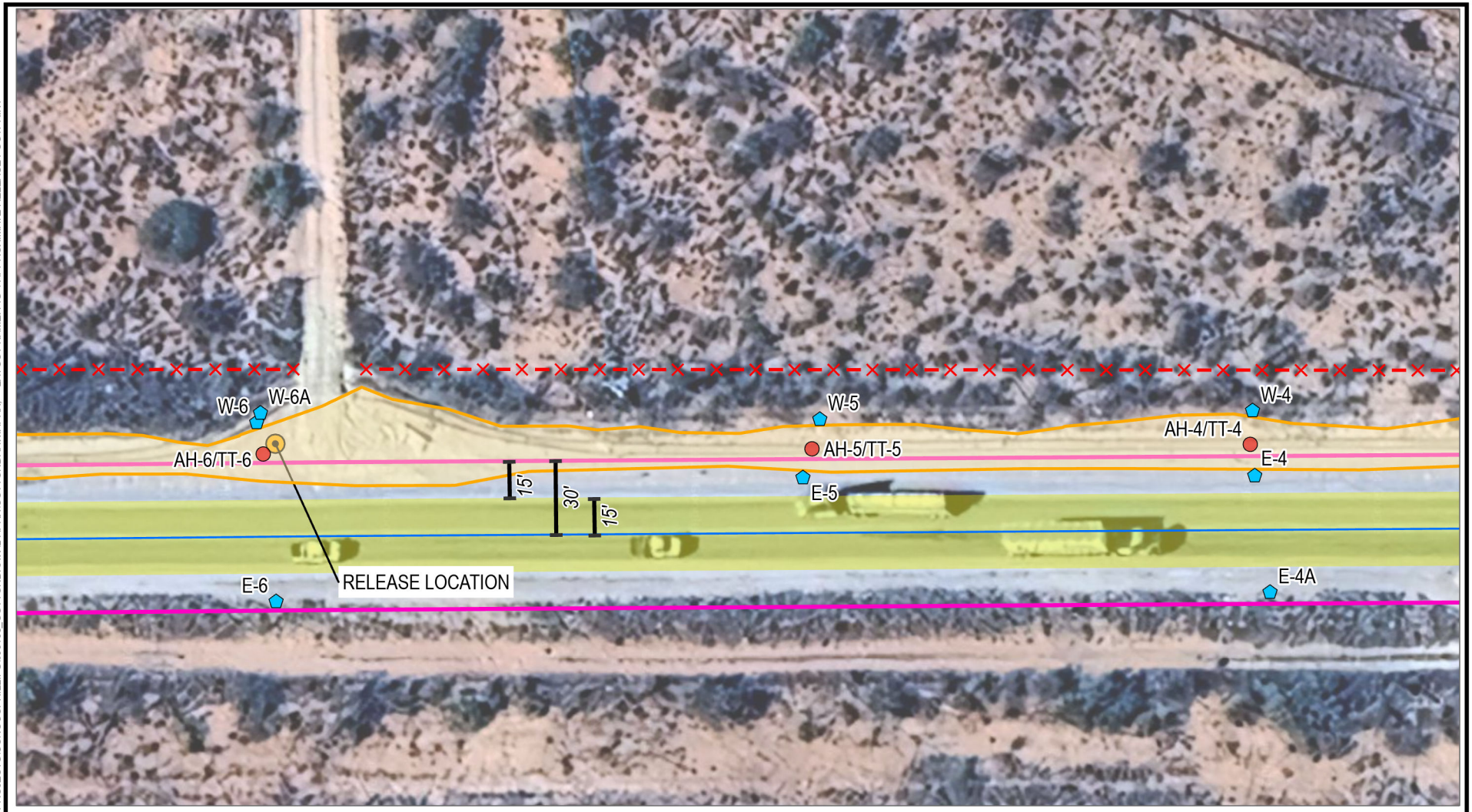
TITLE:
APPROXIMATE RELEASE FOOTPRINT AND DELINEATION SAMPLE POINTS

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CHECKED BY:	B. TRACY		
APPROVED BY:	J. STOFFEL		**FIGURE 4A**
DATE:	SEPTEMBER 2024		

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FILE: COTTONDRAW

COORDINATE SYSTEM: NAD 1983 STATEPLANE NEW MEXICO EAST FIPS 3001 FEET; MAP ROTATION: -90
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RELEASE SITE

RELEASE FOOTPRINT

COUNTY ROAD 1 - ORLA RD.

HIGHWAY RIGHT OF WAY - (COUNTY RD 1 - ORLA RD.)

FENCE

SAMPLE POINTS

LATERAL DELINEATION SOIL SAMPLE LOCATION

VERTICAL DELINEATION SOIL SAMPLE LOCATION



0 30 60 FEET

1:720 1" = 60'

BASE MAP: GOOGLE EARTH PRO, 4/26/2023.
DATA SOURCES: TRC

PROJECT:
COTTON DRAW 2.14.24 RELEASE
LEA COUNTY, NM

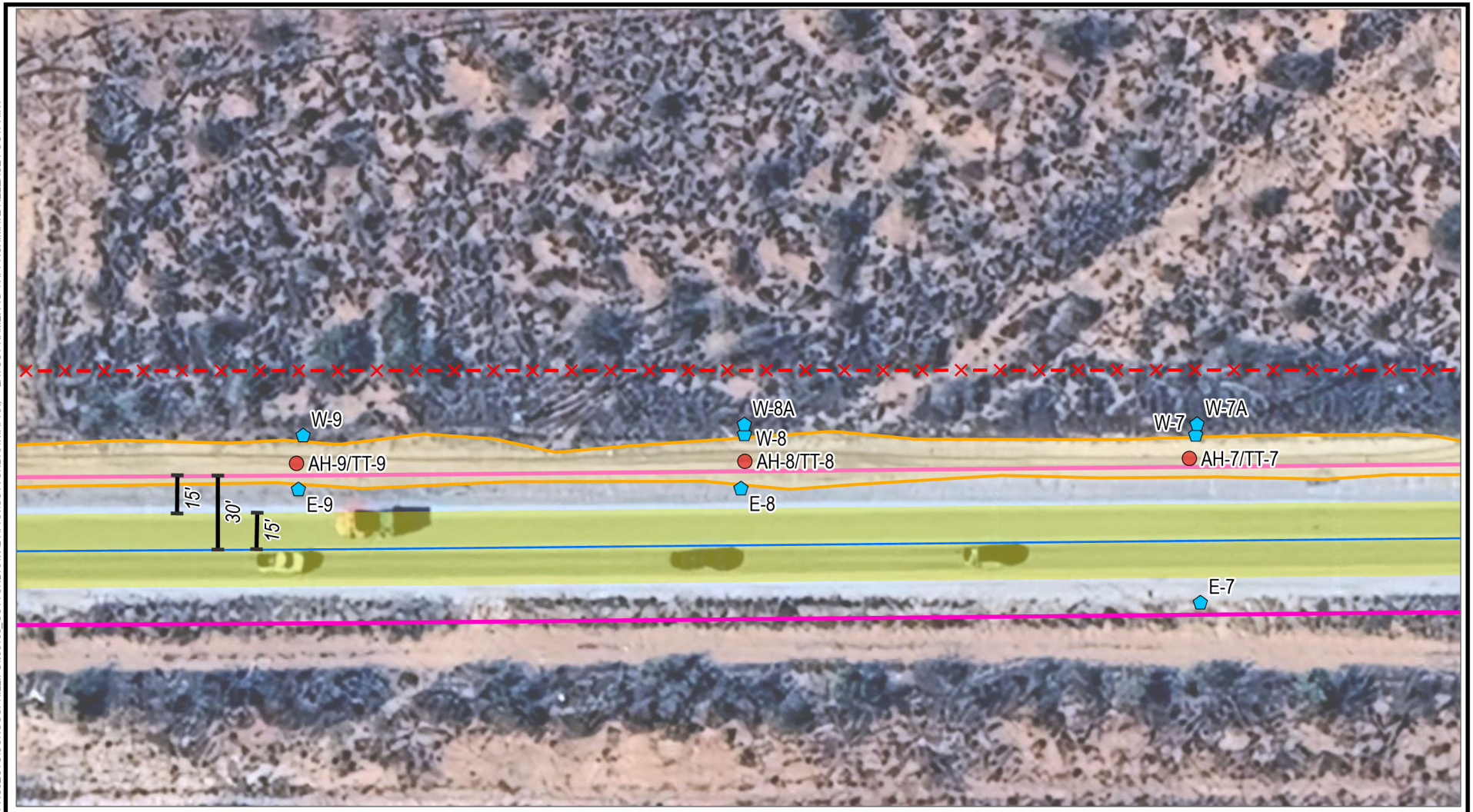
TITLE:
APPROXIMATE RELEASE FOOTPRINT AND DELINEATION SAMPLE POINTS

DRAWN BY:	P. MARCOU	PROJ. NO.:	596103.0000.0000
CHECKED BY:	B. TRACY		
APPROVED BY:	J. STOFFEL		**FIGURE 4B**
DATE:	SEPTEMBER 2024		

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FILE: COTTONDRAW

COORDINATE SYSTEM: NAD 1983 STATEPLANE NEW MEXICO EAST FIPS 3001 FEET; MAP ROTATION: -90
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RELEASE FOOTPRINT

COUNTY ROAD 1 - ORLA RD.

HIGHWAY RIGHT OF WAY - (COUNTY RD 1 - ORLA RD.)

FENCE

SAMPLE POINTS

LATERAL DELINEATION SOIL SAMPLE LOCATION

VERTICAL DELINEATION SOIL SAMPLE LOCATION



0 30 60 FEET

1:720 1" = 60'

BASE MAP: GOOGLE EARTH PRO, 4/26/2023.
DATA SOURCES: TRC

PROJECT:
COTTON DRAW 2.14.24 RELEASE
LEA COUNTY, NM

TITLE:
APPROXIMATE RELEASE FOOTPRINT AND DELINEATION SAMPLE POINTS

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APPROVED BY:	J. STOFFEL		**FIGURE 4C**
DATE:	SEPTEMBER 2024		

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FILE: COTTONDRAW

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RELEASE FOOTPRINT

COUNTY ROAD 1 - ORLA RD.

HIGHWAY RIGHT OF WAY - (COUNTY RD 1 - ORLA RD.)

FENCE

SAMPLE POINTS

LATERAL DELINEATION SOIL SAMPLE LOCATION

VERTICAL DELINEATION SOIL SAMPLE LOCATION



0 30 60 FEET

1:720 1" = 60'

BASE MAP: GOOGLE EARTH PRO, 4/26/2023.
DATA SOURCES: TRC

PROJECT:
COTTON DRAW 2.14.24 RELEASE
LEA COUNTY, NM

TITLE:
APPROXIMATE RELEASE FOOTPRINT AND DELINEATION SAMPLE POINTS

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APPROVED BY:	J. STOFFEL		**FIGURE 4D**
DATE:	SEPTEMBER 2024		

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FILE: COTTONDRAW

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RELEASE FOOTPRINT

COUNTY ROAD 1 - ORLA RD.

HIGHWAY RIGHT OF WAY - (COUNTY RD 1 - ORLA RD.)

FENCE

SAMPLE POINTS

LATERAL DELINEATION SOIL SAMPLE LOCATION

VERTICAL DELINEATION SOIL SAMPLE LOCATION



0 30 60 FEET

1:720 1" = 60'

BASE MAP: GOOGLE EARTH PRO, 4/26/2023.
DATA SOURCES: TRC

PROJECT:
COTTON DRAW 2.14.24 RELEASE
LEA COUNTY, NM

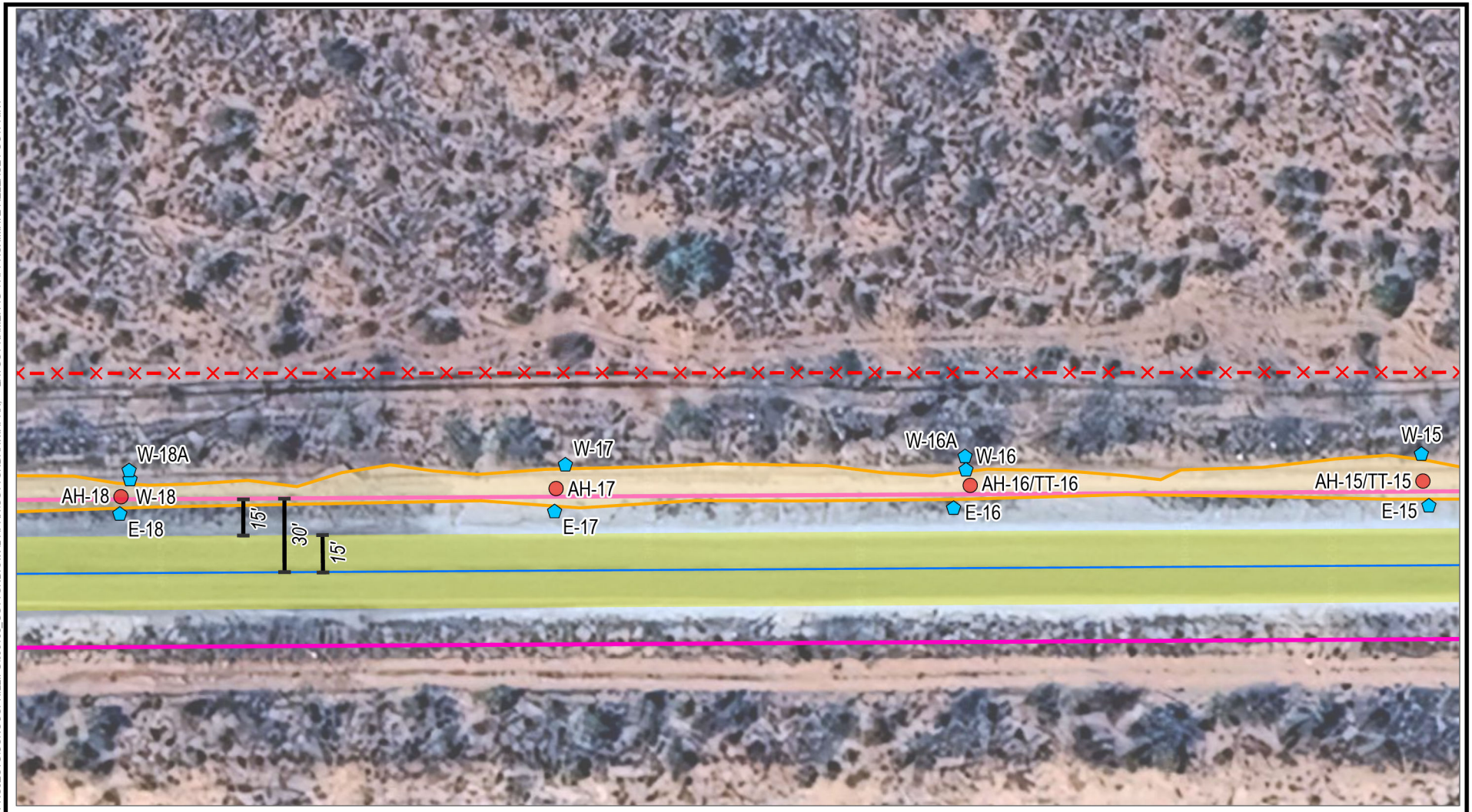
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APPROXIMATE RELEASE FOOTPRINT AND DELINEATION SAMPLE POINTS

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APPROVED BY:	J. STOFFEL		**FIGURE 4E**
DATE:	SEPTEMBER 2024		

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FILE: COTTONDRAW

COORDINATE SYSTEM: NAD 1983 STATEPLANE NEW MEXICO EAST FIPS 3001 FEET; MAP ROTATION: -90
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RELEASE FOOTPRINT

COUNTY ROAD 1 - ORLA RD.

HIGHWAY RIGHT OF WAY - (COUNTY RD 1 - ORLA RD.)

FENCE

SAMPLE POINTS

LATERAL DELINEATION SOIL SAMPLE LOCATION

VERTICAL DELINEATION SOIL SAMPLE LOCATION



0 30 60 FEET

1:720 1" = 60'

BASE MAP: GOOGLE EARTH PRO, 4/26/2023.
DATA SOURCES: TRC

PROJECT:
COTTON DRAW 2.14.24 RELEASE
LEA COUNTY, NM

TITLE:
APPROXIMATE RELEASE FOOTPRINT AND DELINEATION SAMPLE POINTS

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APPROVED BY:	J. STOFFEL		**FIGURE 4F**
DATE:	SEPTEMBER 2024		

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FILE: COTTONDRAW

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RELEASE FOOTPRINT

COUNTY ROAD 1 - ORLA RD.

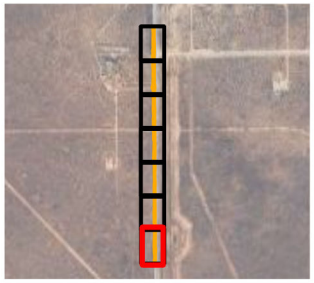
HIGHWAY RIGHT OF WAY - (COUNTY RD 1 - ORLA RD.)

FENCE

SAMPLE POINTS

LATERAL DELINEATION SOIL SAMPLE LOCATION

VERTICAL DELINEATION SOIL SAMPLE LOCATION



BASE MAP: GOOGLE EARTH PRO, 4/26/2023.
DATA SOURCES: TRC

0 30 60 FEET

1:720 1" = 60'

PROJECT:
COTTON DRAW 2.14.24 RELEASE
LEA COUNTY, NM

TITLE:
APPROXIMATE RELEASE FOOTPRINT AND DELINEATION SAMPLE POINTS

DRAWN BY:	P. MARCOU	PROJ. NO.:	596103.0000.0000
CHECKED BY:	B. TRACY		
APPROVED BY:	J. STOFFEL		**FIGURE 4G**
DATE:	SEPTEMBER 2024		

TRC
505 EAST HUNTLAND DRIVE
SUITE #250
AUSTIN, TX 78752
PHONE: 512.329.6080

FILE: COTTONDRAW

COORDINATE SYSTEM: NAD 1983 STATEPLANE NEW MEXICO EAST FIPS 3001 FEET; MAP ROTATION: -90
-- SAVED BY: PMARCOU ON 9/10/2024, 16:44:48 PM; FILE PATH: T:\1-PROJECTS\CONOCOPHILLIPS\596103_COTTONDRAW\2-APRX\COTTONDRAW.APRX; LAYOUT NAME: FIG 4 APPROXIMATE RELEASE FOOTPRINT

Table 1

Delineation Sample Analytical Summary

COP: Cotton Draw

Lea County, NM

SAMPLE ID	SAMPLE DATE	SAMPLE DEPTH (ft)	EPA 300.0-S	SW 846-8021B						SW 846-8015B NM				
			Chloride (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M,P-XYLENES (mg/Kg)	O-XYLENES (mg/Kg)	Total BTEX (mg/Kg)	TPH GRO (C_6-C_{10})	TPH DRO (>C_{10}-C_{28})	TPH GRO + DRO (C_6-C_{28})	TPH ORO (>C_{28}-C_{36})	TPH (C_6-C_{36})
NMOCD Remediation Standard (≥4' bgs)			**20,000**	**10**	**-**	**-**	**-**		**50**	**-**	**-**	**1,000**	**-**	**2,500**
NMOCD Reclamation Standard (<4' bgs)			**600**	**10**	**-**	**-**	**-**		**50**	**-**	**-**	**-**	**-**	**100**
Lateral Delineation Samples														
N-1	4/4/2024	0-1	304	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	<0.00396	<49.8	<49.8	<49.8	<49.8	<49.8
S-1	4/4/2024	0-1	**4,030**	<0.00202	<0.00202	<0.00202	<0.00404	<0.00202	<0.00404	<50.5	<50.5	<50.5	<50.5	<50.5
S-1A	5/24/2024	0-1	124	-	-	-	-	-	-	-	-	-	-	-
E-1	4/4/2024	0-1	38.1	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<0.00400	<50.0	104	104	<50.0	**104**
E-1A	5/29/2024	0-1	-	-	-	-	-	-	-	<49.8	<49.8	<49.8	<49.8	<49.8
E-2	4/4/2024	0-1	324	<0.00198	<0.00198	<0.00198	<0.00397	<0.00198	<0.00397	<50.5	146	146	<50.5	**146**
E-2A	5/29/2024	0-1	-	-	-	-	-	-	-	<50.0	<50.0	<50.0	<50.0	<50.0
E-3	4/4/2024	0-1	114	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<50.4	218	218	<50.4	**218**
E-3A	5/29/2024	0-1	-	-	-	-	-	-	-	<49.7	<49.7	<49.7	<49.7	<49.7
E-4	4/4/2024	0-1	**687**	<0.00202	<0.00202	<0.00202	<0.00403	<0.00202	<0.00403	<50.2	148	148	<50.2	**148**
E-4A	5/29/2024	0-1	102	-	-	-	-	-	-	<49.8	66.8	66.8	<49.8	66.8
E-5	4/4/2024	0-1	19.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	<0.00396	<50.1	82.8	82.8	<50.1	82.8
E-6	5/29/2024	0-1	121	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9
E-7	5/29/2024	0-1	60.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00198	<0.00397	<50.0	<50.0	<50.0	<50.0	<50.0
E-8	5/24/2024	0-1	104	<0.00198	<0.00198	<0.00198	<0.00397	<0.00198	<0.00397	<49.9	<49.9	<49.9	<49.9	<49.9
E-9	5/24/2024	0-1	89.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9
E-10	5/24/2024	0-1	155	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<49.7	<49.7	<49.7	<49.7	<49.7
E-11	4/4/2024	0-1	12.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<49.8	51.1	51.1	<49.8	51.1
E-12	4/5/2024	0-1	392	<0.00202	<0.00202	<0.00202	<0.00403	<0.00202	<0.00403	<50.0	69.3	69.3	<50.0	69.3

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Delineation Sample Analytical Summary

COP: Cotton Draw

Lea County, NM

SAMPLE ID	SAMPLE DATE	SAMPLE DEPTH (ft)	EPA 300.0-S	SW 846-8021B						SW 846-8015B NM				
			Chloride (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M,P-XYLENES (mg/Kg)	O-XYLENES (mg/Kg)	Total BTEX (mg/Kg)	TPH GRO (C_6-C_{10})	TPH DRO (>C_{10}-C_{28})	TPH GRO + DRO (C_6-C_{28})	TPH ORO (>C_{28}-C_{36})	TPH (C_6-C_{36})
NMOCD Remediation Standard (≥4' bgs)			**20,000**	**10**	**-**	**-**	**-**		**50**	**-**	**-**	**1,000**	**-**	**2,500**
NMOCD Reclamation Standard (<4' bgs)			**600**	**10**	**-**	**-**	**-**		**50**	**-**	**-**	**-**	**-**	**100**
E-13	4/5/2024	0-1	9.54	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0
E-14	4/5/2024	0-1	13.4	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	<0.00400	<50.5	50.6	50.6	<50.5	50.6
E-15	4/5/2024	0-1	30.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<50.4	<50.4	<50.4	<50.4	<50.4
E-16	4/5/2024	0-1	15.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<50.1	50.5	50.5	<50.1	50.5
E-17	4/5/2024	0-1	70.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<50.3	63.6	63.6	<50.3	63.6
E-18	4/5/2024	0-1	556	<0.00202	<0.00202	<0.00202	<0.00404	<0.00202	<0.00404	<50.4	63.0	63.0	<50.4	63.0
E-19	4/5/2024	0-1	271	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	<0.00396	<49.7	<49.7	<49.7	<49.7	<49.7
E-20	5/24/2024	0-1	324	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<49.8	55.3	55.3	<49.8	55.3
E-21	5/24/2024	0-1	90.1	<0.00198	<0.00198	<0.00198	<0.00397	<0.00198	<0.00397	<50.0	<50.0	<50.0	<50.0	<50.0
W-1	4/4/2024	0-1	**2,130**	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<49.7	<49.7	<49.7	<49.7	<49.7
W-1A	5/29/2024	0-1	66.4	-	-	-	-	-	-	-	-	-	-	-
W-2	4/4/2024	0-1	**4,070**	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<49.9	49.9	49.9	<49.9	49.9
W-2A	5/29/2024	0-1	118	-	-	-	-	-	-	-	-	-	-	-
W-3	4/4/2024	0-1	25.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<49.8	<49.8	<49.7	<49.8	<49.8
W-4	4/4/2024	0-1	24.4	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<0.00400	<49.6	<49.6	<49.6	<49.6	<49.6
W-5	4/4/2024	0-1	21.9	<0.00200	0.00203	<0.00200	0.00535	0.00233	0.00768	<50.3	<50.3	<50.3	<50.3	<50.3
W-6	4/4/2024	0-1	**1,250**	<0.00202	<0.00202	<0.00202	<0.00403	<0.00202	<0.00403	<50.1	<50.1	<50.1	<50.1	<50.1
W-6A	5/29/2024	0-1	195	-	-	-	-	-	-	-	-	-	-	-
W-7	4/4/2024	0-1	**2,000**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<50.4	<50.4	<50.4	<50.4	<50.4
W-7A	5/29/2024	0-1	74.2	-	-	-	-	-	-	-	-	-	-	-

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Lea County, NM

SAMPLE ID	SAMPLE DATE	SAMPLE DEPTH (ft)	EPA 300.0-S	SW 846-8021B						SW 846-8015B NM				
			Chloride (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M,P-XYLENES (mg/Kg)	O-XYLENES (mg/Kg)	Total BTEX (mg/Kg)	TPH GRO (C_6-C_{10})	TPH DRO (>C_{10}-C_{28})	TPH GRO + DRO (C_6-C_{28})	TPH ORO (>C_{28}-C_{36})	TPH (C_6-C_{36})
NMOCD Remediation Standard (≥4' bgs)			**20,000**	**10**	**-**	**-**	**-**		**50**	**-**	**-**	**1,000**	**-**	**2,500**
NMOCD Reclamation Standard (<4' bgs)			**600**	**10**	**-**	**-**	**-**		**50**	**-**	**-**	**-**	**-**	**100**
W-8	4/4/2024	0-1	**1,990**	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	<0.00396	<50.5	<50.5	<50.5	<50.5	<50.5
W-8A	5/24/2024	0-1	306	-	-	-	-	-	-	-	-	-	-	-
W-9	4/4/2024	0-1	13.7	<0.00202	<0.00202	<0.00202	<0.00403	<0.00202	<0.00403	<49.7	<49.7	<49.7	<49.7	<49.7
W-10	4/4/2024	0-1	48.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0
W-11	4/4/2024	0-1	**2,290**	<0.00198	<0.00198	<0.00198	<0.00397	<0.00198	<0.00397	<49.7	<49.7	<49.7	<49.7	<49.7
W-11A	5/24/2024	0-1	105	-	-	-	-	-	-	-	-	-	-	-
W-12	4/4/2024	0-1	57.2	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<0.00400	<49.8	<49.8	<49.8	<49.8	<49.8
W-13	4/5/2024	0-1	11.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7
W-14	4/5/2024	0-1	125	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<50.3	<50.3	<50.3	<50.3	<50.3
W-15	4/5/2024	0-1	5.97	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	<0.00396	<50.1	<50.1	<50.1	<50.1	<50.1
W-16	4/5/2024	0-1	**2,290**	<0.00202	<0.00202	<0.00202	<0.00404	<0.00202	<0.00404	<50.4	<50.4	<50.4	<50.4	<50.4
W-16A	5/24/2024	0-1	195	-	-	-	-	-	-	-	-	-	-	-
W-17	4/5/2024	0-1	44.3	<0.00202	<0.00202	<0.00202	<0.00403	<0.00202	<0.00403	<50.1	<50.1	<50.1	<50.1	<50.1
W-18	4/5/2024	0-1	**3,690**	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<50.5	<50.5	<50.5	<50.5	<50.5
W-18A	5/24/2024	0-1	84.7	-	-	-	-	-	-	-	-	-	-	-
W-19	4/5/2024	0-1	**1,370**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8
W-19A	5/24/2024	0-1	139	-	-	-	-	-	-	-	-	-	-	-
W-20	4/5/2024	0-1	**11,300**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<50.5	60.3	60.3	<50.5	60.3
W-20A	5/24/2024	0-1	106	-	-	-	-	-	-	-	-	-	-	-

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Lea County, NM

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			Chloride (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M,P-XYLENES (mg/Kg)	O-XYLENES (mg/Kg)	Total BTEX (mg/Kg)	TPH GRO (C_6-C_{10})	TPH DRO (>C_{10}-C_{28})	TPH GRO + DRO (C_6-C_{28})	TPH ORO (>C_{28}-C_{36})	TPH (C_6-C_{36})
NMOCD Remediation Standard (≥4' bgs)			**20,000**	**10**	**-**	**-**	**-**		**50**	**-**	**-**	**1,000**	**-**	**2,500**
NMOCD Reclamation Standard (<4' bgs)			**600**	**10**	**-**	**-**	**-**		**50**	**-**	**-**	**-**	**-**	**100**
W-21	4/5/2024	0-1	**5,050**	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	<0.00396	<49.6	<49.6	<49.6	<49.6	<49.6
W-21A	5/24/2024	0-1	108	-	-	-	-	-	-	-	-	-	-	-
Vertical Delineation Samples														
AH-1 @ 0-1'	4/4/2024	0-1	**7,110**	<0.00201	0.00219	<0.00201	<0.00402	<0.00201	<0.00402	<50.0	134	134	<50.0	**134**
AH-1 @ 2'	4/4/2024	2	**947**	-	-	-	-	-	-	<49.9	<49.9	<49.9	<49.9	<49.9
AH-1 @ 3'R	4/4/2024	3	237	-	-	-	-	-	-	-	-	-	-	-
AH-2 @ 0-1'	4/4/2024	0-1	**4,230**	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9
AH-2 @ 2'	4/4/2024	2	**2,040**	-	-	-	-	-	-	-	-	-	-	-
AH-2 @ 3'R	4/4/2024	3	**949**	-	-	-	-	-	-	-	-	-	-	-
TT-2 @ 0-1'	5/22/2024	0-1	**3,510**	-	-	-	-	-	-	-	-	-	-	-
TT-2 @ 2'	5/22/2024	2	**2,860**	-	-	-	-	-	-	-	-	-	-	-
TT-2 @ 4'	5/22/2024	4	**1,790**	-	-	-	-	-	-	-	-	-	-	-
TT-2 @ 6'	5/22/2024	6	**816**	-	-	-	-	-	-	-	-	-	-	-
TT-2 @ 8'	5/22/2024	8	**1,560**	-	-	-	-	-	-	-	-	-	-	-
TT-2 @ 8'A	6/7/2024	8	101	-	-	-	-	-	-	-	-	-	-	-
TT-2 @ 9'	6/7/2024	9	161	-	-	-	-	-	-	-	-	-	-	-
AH-3 @ 0-1'	4/4/2024	0-1	**1,340**	<0.00199	0.00219	<0.00199	<0.00398	<0.00199	<0.00398	<49.9	**385**	**385**	<49.9	**385**
AH-3 @ 2'	4/4/2024	2	42.7	-	-	-	-	-	-	<50.0	<50.0	<50.0	<50.0	<50.0
AH-3 @ 3'R	4/4/2024	3	99.9	-	-	-	-	-	-	-	-	-	-	-

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NMOCD Remediation Standard (≥4' bgs)			**20,000**	**10**	**-**	**-**	**-**		**50**	**-**	**-**	**1,000**	**-**	**2,500**
NMOCD Reclamation Standard (<4' bgs)			**600**	**10**	**-**	**-**	**-**		**50**	**-**	**-**	**-**	**-**	**100**
AH-4 @ 0-1'	4/4/2024	0-1	96.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<49.8	56.5	56.5	<49.8	56.5
AH-4 @ 2'	4/4/2024	2	**1,650**	-	-	-	-	-	-	-	-	-	-	-
AH-4 @ 3'	4/4/2024	3	97.8	-	-	-	-	-	-	-	-	-	-	-
AH-4 @ 4'R	4/4/2024	4	**1,740**	-	-	-	-	-	-	-	-	-	-	-
TT-4 @ 0-1'	5/22/2024	0-1	**1,970**	-	-	-	-	-	-	-	-	-	-	-
TT-4 @ 2'	5/22/2024	2	421	-	-	-	-	-	-	-	-	-	-	-
TT-4 @ 4'	5/22/2024	4	499	-	-	-	-	-	-	-	-	-	-	-
TT-4 @ 6'	5/22/2024	6	204	-	-	-	-	-	-	-	-	-	-	-
AH-5 @ 0-1'	4/4/2024	0-1	**2,310**	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<49.8	<49.8	<49.8	<49.8	<49.8
AH-5 @ 2'R	4/4/2024	2	**2,490**	-	-	-	-	-	-	-	-	-	-	-
TT-5 @ 0-1'	5/23/2024	0-1	**1,860**	-	-	-	-	-	-	-	-	-	-	-
TT-5 @ 2'	5/24/2024	2	**624**	-	-	-	-	-	-	-	-	-	-	-
TT-5 @ 3.5'	5/24/2024	3.5	356	-	-	-	-	-	-	-	-	-	-	-

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SAMPLE ID	SAMPLE DATE	SAMPLE DEPTH (ft)	EPA 300.0-S	SW 846-8021B						SW 846-8015B NM				
			Chloride (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M,P-XYLENES (mg/Kg)	O-XYLENES (mg/Kg)	Total BTEX (mg/Kg)	TPH GRO (C_6-C_{10})	TPH DRO (>C_{10}-C_{28})	TPH GRO + DRO (C_6-C_{28})	TPH ORO (>C_{28}-C_{36})	TPH (C_6-C_{36})
NMOCD Remediation Standard (≥4' bgs)			**20,000**	**10**	**-**	**-**	**-**		**50**	**-**	**-**	**1,000**	**-**	**2,500**
NMOCD Reclamation Standard (<4' bgs)			**600**	**10**	**-**	**-**	**-**		**50**	**-**	**-**	**-**	**-**	**100**
AH-6 @ 0-1'	4/4/2024	0-1	**927**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0
AH-6 @ 2'	4/4/2024	2	**6,220**	-	-	-	-	-	-	-	-	-	-	-
AH-6 @ 3'	4/4/2024	3	**5,800**	-	-	-	-	-	-	-	-	-	-	-
AH-6 @ 4'R	4/4/2024	4	**1,720**	-	-	-	-	-	-	-	-	-	-	-
TT-6 @ 0-1'	5/23/2024	0-1	**1,920**	-	-	-	-	-	-	-	-	-	-	-
TT-6 @ 2'	5/23/2024	2	**3,970**	-	-	-	-	-	-	-	-	-	-	-
TT-6 @ 4'	5/23/2024	4	**2,830**	-	-	-	-	-	-	-	-	-	-	-
TT-6 @ 5.5'	5/24/2024	5.5	**805**	-	-	-	-	-	-	-	-	-	-	-
TT-6 @ 6'	6/7/2024	6	77.2	-	-	-	-	-	-	-	-	-	-	-
TT-6 @ 8'	6/7/2024	8	61.5	-	-	-	-	-	-	-	-	-	-	-
AH-7 @ 0-1'	4/4/2024	0-1	**4,390**	<0.00198	<0.00198	<0.00198	<0.00397	<0.00198	<0.00397	<50.0	<50.0	<50.0	<50.0	<50.0
AH-7 @ 2'	4/4/2024	2	**4,520**	-	-	-	-	-	-	-	-	-	-	-
AH-7 @ 3'R	4/4/2024	3	**1,110**	-	-	-	-	-	-	-	-	-	-	-
TT-7 @ 0-1'	5/23/2024	0-1	**2,940**	-	-	-	-	-	-	-	-	-	-	-
TT-7 @ 2'	5/23/2024	2	**2,760**	-	-	-	-	-	-	-	-	-	-	-
TT-7 @ 4'	5/24/2024	4	450	-	-	-	-	-	-	-	-	-	-	-

Table 1

Delineation Sample Analytical Summary

COP: Cotton Draw

Lea County, NM

SAMPLE ID	SAMPLE DATE	SAMPLE DEPTH (ft)	EPA 300.0-S	SW 846-8021B						SW 846-8015B NM				
			Chloride (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M,P-XYLENES (mg/Kg)	O-XYLENES (mg/Kg)	Total BTEX (mg/Kg)	TPH GRO (C_6-C_{10})	TPH DRO (>C_{10}-C_{28})	TPH GRO + DRO (C_6-C_{28})	TPH ORO (>C_{28}-C_{36})	TPH (C_6-C_{36})
NMOCD Remediation Standard (≥4' bgs)			**20,000**	**10**	**-**	**-**	**-**		**50**	**-**	**-**	**1,000**	**-**	**2,500**
NMOCD Reclamation Standard (<4' bgs)			**600**	**10**	**-**	**-**	**-**		**50**	**-**	**-**	**-**	**-**	**100**
AH-8 @ 0-1'	4/4/2024	0-1	**1,850**	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9
AH-8 @ 2'	4/4/2024	2	**6,450**	-	-	-	-	-	-	-	-	-	-	-
AH-8 @ 3'R	4/4/2024	3	**2,610**	-	-	-	-	-	-	-	-	-	-	-
TT-8 @ 0-1'	5/24/2024	0-1	**4,230**	-	-	-	-	-	-	-	-	-	-	-
TT-8 @ 2'	5/24/2024	2	**5,520**	-	-	-	-	-	-	-	-	-	-	-
TT-8 @ 4'	5/24/2024	4	**3,240**	-	-	-	-	-	-	-	-	-	-	-
TT-8 @ 6'	5/24/2024	6	**2,220**	-	-	-	-	-	-	-	-	-	-	-
TT-8 @ 8'	5/24/2024	8	448	-	-	-	-	-	-	-	-	-	-	-
AH-9 @ 0-1'	4/4/2024	0-1	**1,870**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9
AH-9 @ 2'	4/4/2024	2	**4,490**	-	-	-	-	-	-	-	-	-	-	-
AH-9 @ 3'R	4/4/2024	3	**6,920**	-	-	-	-	-	-	-	-	-	-	-
TT-9 @ 0-1'	5/24/2024	0-1	**2,030**	-	-	-	-	-	-	-	-	-	-	-
TT-9 @ 2'	5/24/2024	2	**7,340**	-	-	-	-	-	-	-	-	-	-	-
TT-9 @ 4'	5/24/2024	4	**5,730**	-	-	-	-	-	-	-	-	-	-	-
TT-9 @ 6'	5/24/2024	6	**977**	-	-	-	-	-	-	-	-	-	-	-
TT-9 @ 8'	5/24/2024	8	**1,930**											
TT-9 @ 10'	5/24/2024	10	27.9											

Table 1

Delineation Sample Analytical Summary

COP: Cotton Draw

Lea County, NM

SAMPLE ID	SAMPLE DATE	SAMPLE DEPTH (ft)	EPA 300.0-S	SW 846-8021B						SW 846-8015B NM				
			Chloride (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M,P-XYLENES (mg/Kg)	O-XYLENES (mg/Kg)	Total BTEX (mg/Kg)	TPH GRO (C_6-C_{10})	TPH DRO (>C_{10}-C_{28})	TPH GRO + DRO (C_6-C_{28})	TPH ORO (>C_{28}-C_{36})	TPH (C_6-C_{36})
NMOCD Remediation Standard (≥4' bgs)			**20,000**	**10**	**-**	**-**	**-**		**50**	**-**	**-**	**1,000**	**-**	**2,500**
NMOCD Reclamation Standard (<4' bgs)			**600**	**10**	**-**	**-**	**-**		**50**	**-**	**-**	**-**	**-**	**100**
AH-10 @ 0-1'	4/4/2024	0-1	**808**	<0.00202	<0.00202	<0.00202	<0.00404	<0.00202	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8
AH-10 @ 2'R	4/4/2024	2	**3,140**	-	-	-	-	-	-	-	-	-	-	-
TT-10 @ 0-1'	5/24/2024	0-1	**3,180**	-	-	-	-	-	-	-	-	-	-	-
TT-10 @ 2'	5/24/2024	2	**5,620**	-	-	-	-	-	-	-	-	-	-	-
TT-10 @ 4'	5/24/2024	4	**1,860**	-	-	-	-	-	-	-	-	-	-	-
TT-10 @ 6'	5/24/2024	6	**738**	-	-	-	-	-	-	-	-	-	-	-
TT-10 @ 8'	5/24/2024	8	111	-	-	-	-	-	-	-	-	-	-	-
AH-11 @ 0-1'	4/4/2024	0-1	**1,940**	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<49.7	<49.7	<49.7	<49.7	<49.7
AH-11 @ 2'R	4/4/2024	2	**2,930**	-	-	-	-	-	-	-	-	-	-	-
TT-11 @ 0-1'	5/29/2024	0-1	**1,980**	-	-	-	-	-	-	-	-	-	-	-
TT-11 @ 2'	5/29/2024	2	**2,140**	-	-	-	-	-	-	-	-	-	-	-
TT-11 @ 4'	5/29/2024	4	194	-	-	-	-	-	-	-	-	-	-	-
AH-12 @ 0-1'	4/4/2024	0-1	**1,800**	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<49.7	<49.7	<49.7	<49.7	<49.7
AH-12 @ 2'	4/4/2024	2	**854**	-	-	-	-	-	-	-	-	-	-	-
AH-12 @ 3'R	4/4/2024	3	162	-	-	-	-	-	-	-	-	-	-	-
AH-13 @ 0-1'	4/5/2024	0-1	248	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9
AH-13 @ 2'	4/5/2024	2	110	-	-	-	-	-	-	-	-	-	-	-
AH-13 @ 3'R	4/5/2024	3	46.7	-	-	-	-	-	-	-	-	-	-	-

Table 1

Delineation Sample Analytical Summary

COP: Cotton Draw

Lea County, NM

SAMPLE ID	SAMPLE DATE	SAMPLE DEPTH (ft)	EPA 300.0-S	SW 846-8021B						SW 846-8015B NM				
			Chloride (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M,P-XYLENES (mg/Kg)	O-XYLENES (mg/Kg)	Total BTEX (mg/Kg)	TPH GRO (C_6-C_{10})	TPH DRO (>C_{10}-C_{28})	TPH GRO + DRO (C_6-C_{28})	TPH ORO (>C_{28}-C_{36})	TPH (C_6-C_{36})
NMOCD Remediation Standard (≥4' bgs)			**20,000**	**10**	**-**	**-**	**-**		**50**	**-**	**-**	**1,000**	**-**	**2,500**
NMOCD Reclamation Standard (<4' bgs)			**600**	**10**	**-**	**-**	**-**		**50**	**-**	**-**	**-**	**-**	**100**
AH-14 @ 0-1'	4/5/2024	0-1	**2,020**	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0
AH-14 @ 2'	4/5/2024	2	**4,290**	-	-	-	-	-	-	-	-	-	-	-
AH-14 @ 3'R	4/5/2024	3	**1,440**	-	-	-	-	-	-	-	-	-	-	-
TT-14 @ 0-1'	5/29/2024	0-1	538	-	-	-	-	-	-	-	-	-	-	-
TT-14 @ 2'	5/29/2024	2	**618**	-	-	-	-	-	-	-	-	-	-	-
TT-14 @ 4'	5/29/2024	4	71.5	-	-	-	-	-	-	-	-	-	-	-
AH-15 @ 0-1'	4/5/2024	0-1	**2,190**	<0.00202	<0.00202	<0.00202	<0.00403	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0
AH-15 @ 2'R	4/5/2024	2	**611**	-	-	-	-	-	-	-	-	-	-	-
TT-15 @ 0-1'	5/29/2024	0-1	**764**	-	-	-	-	-	-	-	-	-	-	-
TT-15 @ 2'	5/29/2024	2	450	-	-	-	-	-	-	-	-	-	-	-
TT-15 @ 4'	5/29/2024	4	97.5	-	-	-	-	-	-	-	-	-	-	-
AH-16 @ 0-1'	4/5/2024	0-1	**2,480**	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0
AH-16 @ 2'R	4/5/2024	2	**652**	-	-	-	-	-	-	-	-	-	-	-
TT-16 @ 0-1'	5/29/2024	0-1	**891**	-	-	-	-	-	-	-	-	-	-	-
TT-16 @ 2'	5/29/2024	2	154	-	-	-	-	-	-	-	-	-	-	-
TT-16 @ 4'	5/29/2024	4	166	-	-	-	-	-	-	-	-	-	-	-
AH-17 @ 0-1'	4/5/2024	0-1	**1,000**	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9
AH-17 @ 2'R	4/5/2024	2	371	-	-	-	-	-	-	-	-	-	-	-

Table 1

Delineation Sample Analytical Summary

COP: Cotton Draw

Lea County, NM

SAMPLE ID	SAMPLE DATE	SAMPLE DEPTH (ft)	EPA 300.0-S	SW 846-8021B						SW 846-8015B NM				
			Chloride (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M,P-XYLENES (mg/Kg)	O-XYLENES (mg/Kg)	Total BTEX (mg/Kg)	TPH GRO (C_6-C_{10})	TPH DRO (>C_{10}-C_{28})	TPH GRO + DRO (C_6-C_{28})	TPH ORO (>C_{28}-C_{36})	TPH (C_6-C_{36})
NMOCD Remediation Standard (≥4' bgs)			**20,000**	**10**	**-**	**-**	**-**		**50**	**-**	**-**	**1,000**	**-**	**2,500**
NMOCD Reclamation Standard (<4' bgs)			**600**	**10**	**-**	**-**	**-**		**50**	**-**	**-**	**-**	**-**	**100**
AH-18 @ 0-1'	4/5/2024	0-1	**3,190**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9
AH-18 @ 2'	4/5/2024	2	**1,260**	-	-	-	-	-	-	-	-	-	-	-
AH-18 @ 3'R	4/5/2024	3	266	-	-	-	-	-	-	-	-	-	-	-
AH-19 @ 0-1'	4/5/2024	0-1	**4,130**	<0.00202	<0.00202	<0.00202	<0.00404	<0.00202	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8
AH-19 @ 2'	4/5/2024	2	**2,010**	-	-	-	-	-	-	-	-	-	-	-
AH-19 @ 3'R	4/5/2024	3	**6,560**	-	-	-	-	-	-	-	-	-	-	-
TT-19 @ 0-1'	5/29/2024	0-1	**2,560**	-	-	-	-	-	-	-	-	-	-	-
TT-19 @ 2'	5/29/2024	2	**2,350**	-	-	-	-	-	-	-	-	-	-	-
TT-19 @ 4'	5/29/2024	4	412	-	-	-	-	-	-	-	-	-	-	-
AH-20 @ 0-1'	4/5/2024	0-1	**1,770**	<0.00202	<0.00202	<0.00202	<0.00403	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0
AH-20 @ 2'	4/5/2024	2	247	-	-	-	-	-	-	-	-	-	-	-
AH-20 @ 3'R	4/5/2024	3	155	-	-	-	-	-	-	-	-	-	-	-
AH-21 @ 0-1'	4/5/2024	0-1	302	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9
AH-21 @ 2'	4/5/2024	2	**1,550**	-	-	-	-	-	-	-	-	-	-	-
AH-21 @ 3'R	4/5/2024	3	**1,590**	-	-	-	-	-	-	-	-	-	-	-
TT-21 @ 0-1'	5/29/2024	0-1	**3,310**	-	-	-	-	-	-	-	-	-	-	-
TT-21 @ 2'	5/29/2024	2	**2,610**	-	-	-	-	-	-	-	-	-	-	-
TT-21 @ 4'	5/29/2024	4	226	-	-	-	-	-	-	-	-	-	-	-

Analytical Results Above Reclamation Standard

Analytical Results Above Remediation Standard

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # *(assigned by OCD)*
Contact mailing address	

Location of Release Source

Latitude _____ Longitude _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# *(if applicable)*

Unit Letter	Section	Township	Range	County

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

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release		

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

☐ The source of the release has been stopped.
☐ The impacted area has been secured to protect human health and the environment.
☐ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☐ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name _____ Title: _____

Signature:  _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

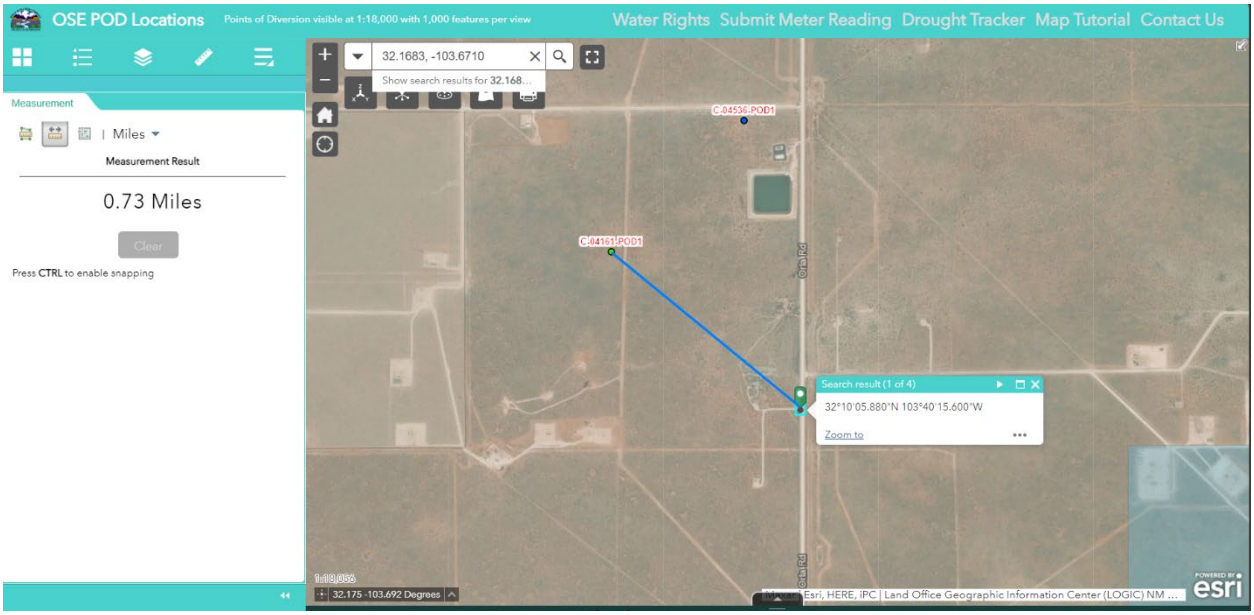
Received by OCD: 1/27/2025 4:59:55 PM

Spill Calculation - On-Pad Surface Pool Spill

Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Average Depth (in.)	Estimated *Pool* Area (sq. ft.)	Estimated volume of each pool area (bbl.)	Penetration allowance (ft.)	Total Estimated Volume of Spill (bbl.)
Rectangle A	2200	10	0.5	22000.00	163.17	0.00	163.51
Rectangle B	1740	8	0.5	13920.00	103.24	0.00	103.46
Rectangle C	2340	4	0.5	9360.00	69.42	0.00	69.56
Rectangle D				0.00	0.00	0.00	0.00
Rectangle E				0.00	0.00	0.00	0.00
Rectangle F				0.00	0.00	0.00	0.00
Rectangle G				0.00	0.00	0.00	0.00
Rectangle H				0.00	0.00	0.00	0.00
Rectangle I				0.00	0.00	0.00	0.00
Rectangle J				0.00	0.00	0.00	0.00
						Total Surface Pool Volume Released, Release to Soil/Caliche:	336.5263

Released to Imaging: 5/13/2025 2:19:41 PM

C-04161-POD1



Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
20662	C 04161 POD1	SE	SE	NW	33	24S	32E	624386.2	3560611.2	

*** UTM location was derived from PLSS - see Help**

Driller License:	**Driller Company:**	
Driller Name:		
Drill Start Date:	**Drill Finish Date:**	**Plug Date:**
Log File Date:	**PCW Rcv Date:**	**Source:**
Pump Type:	**Pipe Discharge Size:**	**Estimated Yield:**
Casing Size:	**Depth Well:**	**Depth Water:**

C-04536-POD1



Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
20E37	C 04536 POD1	NW	NE	NE	33	24S	32E	625019.4	3561244.5	

*** UTM location was derived from PLSS - see Help**

Driller License:	1706	**Driller Company:**	ELITE DRILLERS CORPORATION		
Driller Name:	BRYCE WALLACE				
Drill Start Date:	2021-06-09	**Drill Finish Date:**	2021-06-10	**Plug Date:**	
Log File Date:	2021-06-21	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	4
Casing Size:	4.30	**Depth Well:**	500	**Depth Water:**	314

Water Bearing Stratifications:

Top	Bottom	Description
235	480	Sandstone/Gravel/Conglomerate

Casing Perforations:

Top	Bottom
300	500

COP- Cotton Draw
1/27/2025

Photographic Documentation

Photograph No. 1 **Date:** **4/3/2024** **Direction:** **South** **Description:** **View of affected area.**	
Photograph No. 2 **Date:** **4/3/2024** **Direction:** **South** **Description:** **View of affected area.**	

COP- Cotton Draw
1/27/2025

Photographic Documentation

Photograph No. 3 **Date:** **4/3/2024** **Direction:** **North** **Description:** **View of affected area.**	
Photograph No. 4 **Date:** **4/3/2024** **Direction:** **North** **Description:** **View of affected area.**	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel
TRC Solutions, Inc.
10 Desta Drive
Suite #130E
Midland, Texas 79705

Generated 4/16/2024 3:50:45 PM Revision 1

JOB DESCRIPTION

Cotton Draw
596103

JOB NUMBER

880-41930-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 5/13/2025 2:19:41 PM

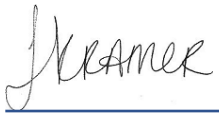
Eurofins Midland

Job Notes

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

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

Authorization



Generated
4/16/2024 3:50:45 PM
Revision 1

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

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Laboratory Job ID: 880-41930-1
SDG: 596103

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Definitions/Glossary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Job ID: 880-41930-1

Job ID: 880-41930-1 Eurofins Midland

Job Narrative
880-41930-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt
The samples were received on 4/8/2024 11:19 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.2°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: AH-1 @ 0-1' (880-41930-1), AH-1 @ 2' (880-41930-2), AH-1 @ 3'R (880-41930-3), AH-2 @ 0-1' (880-41930-4), AH-2 @ 2' (880-41930-5), AH-2 @ 3'R (880-41930-6), AH-3 @ 0-1' (880-41930-7), AH-3 @ 2' (880-41930-8), AH-3 @ 3'R (880-41930-9), AH-4 @ 0-1' (880-41930-10), AH-4 @ 2' (880-41930-11), AH-4 @ 3' (880-41930-12), AH-4 @ 4'R (880-41930-13), AH-5 @ 0-1' (880-41930-14), AH-5 @ 2' (880-41930-15), AH-6 @ 0-1' (880-41930-16), AH-6 @ 2' (880-41930-17), AH-6 @ 3' (880-41930-18), AH-6 @ 4'R (880-41930-19), AH-7 @ 0-1' (880-41930-20), AH-7 @ 2' (880-41930-21), AH-7 @ 3'R (880-41930-22), AH-8 @ 0-1' (880-41930-23), AH-8 @ 2' (880-41930-24), AH-8 @ 3'R (880-41930-25), AH-9 @ 0-1' (880-41930-26), AH-9 @ 2' (880-41930-27), AH-9 @ 3'R (880-41930-28), AH-10 @ 0-1' (880-41930-29), AH-10 @ 2'R (880-41930-30), AH-11 @ 0-1' (880-41930-31), AH-11 @ 2'R (880-41930-32), AH-12 @ 0-1' (880-41930-33), AH-12 @ 2' (880-41930-34), AH-12 @ 3'R (880-41930-35), AH-13 @ 0-1' (880-41930-36), AH-13 @ 2' (880-41930-37), AH-13 @ 3'R (880-41930-38), AH-14 @ 0-1' (880-41930-39), AH-14 @ 2' (880-41930-40), AH-14 @ 3'R (880-41930-41), AH-15 @ 0-1' (880-41930-42), AH-15 @ 2'R (880-41930-43), AH-16 @ 0-1' (880-41930-44), AH-16 @ 2'R (880-41930-45), AH-17 @ 0-1' (880-41930-46), AH-17 @ 2'R (880-41930-47), AH-18 @ 0-1' (880-41930-48), AH-18 @ 2' (880-41930-49), AH-18 @ 3'R (880-41930-50), AH-19 @ 0-1' (880-41930-51), AH-19 @ 2' (880-41930-52), AH-19 @ 3'R (880-41930-53), AH-20 @ 0-1' (880-41930-54), AH-20 @ 2' (880-41930-55), AH-20 @ 3'R (880-41930-56), AH-21 @ 0-1' (880-41930-57), AH-21 @ 2' (880-41930-58) and AH-21 @ 3'R (880-41930-59).

GC VOA
Method 8021B: The matrix spike (MS) recoveries for preparation batch 880-77608 and analytical batch 880-77566 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-77592 and analytical batch 880-77569 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: AH-8 @ 0-1' (880-41930-23). 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.

GC Semi VOA
Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-77526 and analytical batch 880-77550 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (880-41908-A-11-A), (880-41908-A-11-B MS) and (880-41908-A-11-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-77706 and analytical batch 880-77696 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix

Case Narrative

Client: TRC Solutions, Inc. Job ID: 880-41930-1
Project: Cotton Draw

Job ID: 880-41930-1 (Continued) Eurofins Midland

interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-77767 and 880-77767 and analytical batch 880-77807 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.

AH-7 @ 2' (880-41930-21), AH-7 @ 3'R (880-41930-22), AH-8 @ 0-1' (880-41930-23), AH-8 @ 2' (880-41930-24), AH-8 @ 3'R (880-41930-25), AH-9 @ 0-1' (880-41930-26), AH-9 @ 2' (880-41930-27), AH-9 @ 3'R (880-41930-28), AH-10 @ 0-1' (880-41930-29), AH-10 @ 2'R (880-41930-30), (880-41930-A-21-B MS) and (880-41930-A-21-C MSD)

Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-77767 and analytical batch 880-77807 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.

AH-11 @ 0-1' (880-41930-31), AH-11 @ 2'R (880-41930-32), AH-12 @ 0-1' (880-41930-33), AH-12 @ 2' (880-41930-34), AH-12 @ 3'R (880-41930-35), AH-13 @ 0-1' (880-41930-36), AH-13 @ 2' (880-41930-37), AH-13 @ 3'R (880-41930-38), AH-14 @ 0-1' (880-41930-39), AH-14 @ 2' (880-41930-40), (880-41930-A-31-E MS) and (880-41930-A-31-F MSD)

Method 300_ORGFM_28D - Soluble: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with preparation batch 880-77769 and analytical batch 880-77818 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Chloride in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

Method 300_ORGFM_28D - Soluble: Due to the high concentration of Chloride, the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 880-77769 and analytical batch 880-77818 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

AH-14 @ 3'R (880-41930-41), AH-15 @ 0-1' (880-41930-42), AH-15 @ 2'R (880-41930-43), AH-16 @ 0-1' (880-41930-44), AH-16 @ 2'R (880-41930-45), AH-17 @ 0-1' (880-41930-46), AH-17 @ 2'R (880-41930-47), AH-18 @ 0-1' (880-41930-48), AH-18 @ 2' (880-41930-49), AH-18 @ 3'R (880-41930-50), (880-41930-A-41-B MS) and (880-41930-A-41-C MSD)

Method 300_ORGFM_28D - Soluble: The Chloride matrix spike duplicate (MSD) recoveries for preparation batch 880-77769 and analytical batch 880-77818 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

AH-19 @ 0-1' (880-41930-51), AH-19 @ 2' (880-41930-52), AH-19 @ 3'R (880-41930-53), AH-20 @ 0-1' (880-41930-54), AH-20 @ 2' (880-41930-55), AH-20 @ 3'R (880-41930-56), AH-21 @ 0-1' (880-41930-57), AH-21 @ 2' (880-41930-58), AH-21 @ 3'R (880-41930-59) and (880-41930-A-51-D MSD)

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

Case Narrative

Client: TRC Solutions, Inc.
Project: Cotton Draw

Job ID: 880-41930-1

Job ID: 880-41930-2 Eurofins Midland

Job Narrative
880-41930-2

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt
The samples were received on 4/8/2024 11:19 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.2°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: AH-1 @ 0-1' (880-41930-1), AH-1 @ 2' (880-41930-2), AH-1 @ 3'R (880-41930-3), AH-2 @ 0-1' (880-41930-4), AH-2 @ 2' (880-41930-5), AH-2 @ 3'R (880-41930-6), AH-3 @ 0-1' (880-41930-7), AH-3 @ 2' (880-41930-8), AH-3 @ 3'R (880-41930-9), AH-4 @ 0-1' (880-41930-10), AH-4 @ 2' (880-41930-11), AH-4 @ 3' (880-41930-12), AH-4 @ 4'R (880-41930-13), AH-5 @ 0-1' (880-41930-14), AH-5 @ 2' (880-41930-15), AH-6 @ 0-1' (880-41930-16), AH-6 @ 2' (880-41930-17), AH-6 @ 3' (880-41930-18), AH-6 @ 4'R (880-41930-19), AH-7 @ 0-1' (880-41930-20), AH-7 @ 2' (880-41930-21), AH-7 @ 3'R (880-41930-22), AH-8 @ 0-1' (880-41930-23), AH-8 @ 2' (880-41930-24), AH-8 @ 3'R (880-41930-25), AH-9 @ 0-1' (880-41930-26), AH-9 @ 2' (880-41930-27), AH-9 @ 3'R (880-41930-28), AH-10 @ 0-1' (880-41930-29), AH-10 @ 2'R (880-41930-30), AH-11 @ 0-1' (880-41930-31), AH-11 @ 2'R (880-41930-32), AH-12 @ 0-1' (880-41930-33), AH-12 @ 2' (880-41930-34), AH-12 @ 3'R (880-41930-35), AH-13 @ 0-1' (880-41930-36), AH-13 @ 2' (880-41930-37), AH-13 @ 3'R (880-41930-38), AH-14 @ 0-1' (880-41930-39), AH-14 @ 2' (880-41930-40), AH-14 @ 3'R (880-41930-41), AH-15 @ 0-1' (880-41930-42), AH-15 @ 2'R (880-41930-43), AH-16 @ 0-1' (880-41930-44), AH-16 @ 2'R (880-41930-45), AH-17 @ 0-1' (880-41930-46), AH-17 @ 2'R (880-41930-47), AH-18 @ 0-1' (880-41930-48), AH-18 @ 2' (880-41930-49), AH-18 @ 3'R (880-41930-50), AH-19 @ 0-1' (880-41930-51), AH-19 @ 2' (880-41930-52), AH-19 @ 3'R (880-41930-53), AH-20 @ 0-1' (880-41930-54), AH-20 @ 2' (880-41930-55), AH-20 @ 3'R (880-41930-56), AH-21 @ 0-1' (880-41930-57), AH-21 @ 2' (880-41930-58) and AH-21 @ 3'R (880-41930-59).

GC Semi VOA
Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-78111 and analytical batch 880-78150 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-1 @ 0-1'

Lab Sample ID: 880-41930-1
Matrix: Solid
Date Collected: 04/04/24 07:15
Date Received: 04/08/24 11:19
Sample Depth: 0-1'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/08/24 12:47	04/09/24 00:13	1
Toluene	**0.00219**		0.00201		mg/Kg		04/08/24 12:47	04/09/24 00:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/08/24 12:47	04/09/24 00:13	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/08/24 12:47	04/09/24 00:13	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/08/24 12:47	04/09/24 00:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/08/24 12:47	04/09/24 00:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/08/24 12:47*	*04/09/24 00:13*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*04/08/24 12:47*	*04/09/24 00:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/09/24 00:13	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**134**		50.0		mg/Kg			04/09/24 14:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/24 08:24	04/09/24 14:11	1
Diesel Range Organics (Over C10-C28)	**134**		50.0		mg/Kg		04/09/24 08:24	04/09/24 14:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/24 08:24	04/09/24 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*125*		*70 - 130*	*04/09/24 08:24*	*04/09/24 14:11*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*04/09/24 08:24*	*04/09/24 14:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7110**		49.5		mg/Kg			04/10/24 10:06	10

Client Sample ID: AH-1 @ 2'

Lab Sample ID: 880-41930-2
Matrix: Solid
Date Collected: 04/04/24 07:18
Date Received: 04/08/24 11:19
Sample Depth: 2'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/15/24 16:15	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/13/24 11:10	04/15/24 16:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/13/24 11:10	04/15/24 16:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/13/24 11:10	04/15/24 16:15	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-1 @ 2'
Lab Sample ID: 880-41930-2
Matrix: Solid
Date Collected: 04/04/24 07:18
Date Received: 04/08/24 11:19
Sample Depth: 2'

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	77		70 - 130	04/13/24 11:10	04/15/24 16:15	1
o-Terphenyl (Surr)	90		70 - 130	04/13/24 11:10	04/15/24 16:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	947		5.02	mg/Kg			04/10/24 10:25	1

Client Sample ID: AH-1 @ 3'R
Lab Sample ID: 880-41930-3
Matrix: Solid
Date Collected: 04/04/24 07:21
Date Received: 04/08/24 11:19
Sample Depth: 3'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	237		5.01	mg/Kg			04/10/24 10:32	1

Client Sample ID: AH-2 @ 0-1'
Lab Sample ID: 880-41930-4
Matrix: Solid
Date Collected: 04/04/24 07:45
Date Received: 04/08/24 11:19
Sample Depth: 0-1'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/08/24 12:47	04/09/24 00:33	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/08/24 12:47	04/09/24 00:33	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/08/24 12:47	04/09/24 00:33	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		04/08/24 12:47	04/09/24 00:33	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/08/24 12:47	04/09/24 00:33	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		04/08/24 12:47	04/09/24 00:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	04/08/24 12:47	04/09/24 00:33	1
1,4-Difluorobenzene (Surr)	94		70 - 130	04/08/24 12:47	04/09/24 00:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			04/09/24 00:33	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/09/24 15:17	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/09/24 08:24	04/09/24 15:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/09/24 08:24	04/09/24 15:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/09/24 08:24	04/09/24 15:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130	04/09/24 08:24	04/09/24 15:17	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-2 @ 0-1'
Lab Sample ID: 880-41930-4
Matrix: Solid
Date Collected: 04/04/24 07:45
Date Received: 04/08/24 11:19
Sample Depth: 0-1'

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*88*		*70 - 130*	*04/09/24 08:24*	*04/09/24 15:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4230**		25.1	mg/Kg			04/10/24 10:38	5

Client Sample ID: AH-2 @ 2'
Lab Sample ID: 880-41930-5
Matrix: Solid
Date Collected: 04/04/24 07:48
Date Received: 04/08/24 11:19
Sample Depth: 2'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2040**		25.1	mg/Kg			04/10/24 10:44	5

Client Sample ID: AH-2 @ 3'R
Lab Sample ID: 880-41930-6
Matrix: Solid
Date Collected: 04/04/24 07:51
Date Received: 04/08/24 11:19
Sample Depth: 3'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**949**		5.01	mg/Kg			04/10/24 11:03	1

Client Sample ID: AH-3 @ 0-1'
Lab Sample ID: 880-41930-7
Matrix: Solid
Date Collected: 04/04/24 08:25
Date Received: 04/08/24 11:19
Sample Depth: 0-1'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/08/24 12:47	04/09/24 00:54	1
Toluene	**0.00219**		0.00199	mg/Kg		04/08/24 12:47	04/09/24 00:54	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/08/24 12:47	04/09/24 00:54	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		04/08/24 12:47	04/09/24 00:54	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/08/24 12:47	04/09/24 00:54	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/08/24 12:47	04/09/24 00:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*04/08/24 12:47*	*04/09/24 00:54*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/08/24 12:47*	*04/09/24 00:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/09/24 00:54	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**385**		49.9	mg/Kg			04/09/24 13:49	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-3 @ 0-1'

Lab Sample ID: 880-41930-7
Matrix: Solid
Date Collected: 04/04/24 08:25
Date Received: 04/08/24 11:19
Sample Depth: 0-1'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/09/24 08:24	04/09/24 13:49	1
Diesel Range Organics (Over C10-C28)	**385**		49.9		mg/Kg		04/09/24 08:24	04/09/24 13:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/09/24 08:24	04/09/24 13:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*121*		*70 - 130*	*04/09/24 08:24*	*04/09/24 13:49*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*04/09/24 08:24*	*04/09/24 13:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1340**		4.96		mg/Kg			04/10/24 11:09	1

Client Sample ID: AH-3 @ 2'

Lab Sample ID: 880-41930-8
Matrix: Solid
Date Collected: 04/04/24 08:28
Date Received: 04/08/24 11:19
Sample Depth: 2'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/15/24 15:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		04/13/24 11:10	04/15/24 15:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		04/13/24 11:10	04/15/24 15:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/13/24 11:10	04/15/24 15:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*74*		*70 - 130*	*04/13/24 11:10*	*04/15/24 15:11*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*04/13/24 11:10*	*04/15/24 15:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**42.7**		5.00		mg/Kg			04/10/24 11:16	1

Client Sample ID: AH-3 @ 3'R

Lab Sample ID: 880-41930-9
Matrix: Solid
Date Collected: 04/04/24 08:31
Date Received: 04/08/24 11:19
Sample Depth: 3'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**99.9**		5.03		mg/Kg			04/10/24 11:22	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-4 @ 0-1'

Lab Sample ID: 880-41930-10
Matrix: Solid
Date Collected: 04/04/24 08:45
Date Received: 04/08/24 11:19
Sample Depth: 0-1'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/08/24 12:47	04/09/24 01:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/24 12:47	04/09/24 01:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/24 12:47	04/09/24 01:14	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/24 12:47	04/09/24 01:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/24 12:47	04/09/24 01:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/24 12:47	04/09/24 01:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*04/08/24 12:47*	*04/09/24 01:14*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*04/08/24 12:47*	*04/09/24 01:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/09/24 01:14	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**56.5**		49.8		mg/Kg			04/09/24 14:33	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/09/24 08:24	04/09/24 14:33	1
Diesel Range Organics (Over C10-C28)	**56.5**		49.8		mg/Kg		04/09/24 08:24	04/09/24 14:33	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/09/24 08:24	04/09/24 14:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*04/09/24 08:24*	*04/09/24 14:33*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*04/09/24 08:24*	*04/09/24 14:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**96.1**		25.2		mg/Kg			04/10/24 11:28	5

Client Sample ID: AH-4 @ 2'

Lab Sample ID: 880-41930-11
Matrix: Solid
Date Collected: 04/04/24 08:48
Date Received: 04/08/24 11:19
Sample Depth: 2'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1650**		25.2		mg/Kg			04/10/24 11:35	5

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-4 @ 3'

Lab Sample ID: 880-41930-12
Matrix: Solid
Date Collected: 04/04/24 08:51
Date Received: 04/08/24 11:19
Sample Depth: 3'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		4.96		mg/Kg			04/10/24 11:54	1

Client Sample ID: AH-4 @ 4'R

Lab Sample ID: 880-41930-13
Matrix: Solid
Date Collected: 04/04/24 08:54
Date Received: 04/08/24 11:19
Sample Depth: 4'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1740		24.8		mg/Kg			04/10/24 12:00	5

Client Sample ID: AH-5 @ 0-1'

Lab Sample ID: 880-41930-14
Matrix: Solid
Date Collected: 04/04/24 09:35
Date Received: 04/08/24 11:19
Sample Depth: 0-1'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/24 14:32	04/08/24 15:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/24 14:32	04/08/24 15:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/24 14:32	04/08/24 15:03	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/08/24 14:32	04/08/24 15:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/24 14:32	04/08/24 15:03	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/24 14:32	04/08/24 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/08/24 14:32*	*04/08/24 15:03*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/08/24 14:32*	*04/08/24 15:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/08/24 15:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/24 14:55	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/09/24 08:24	04/09/24 14:55	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/09/24 08:24	04/09/24 14:55	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/09/24 08:24	04/09/24 14:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*04/09/24 08:24*	*04/09/24 14:55*	*1*
o-Terphenyl (Surr)	*78*		*70 - 130*	*04/09/24 08:24*	*04/09/24 14:55*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-5 @ 0-1'

Lab Sample ID: 880-41930-14
Matrix: Solid
Date Collected: 04/04/24 09:35
Date Received: 04/08/24 11:19
Sample Depth: 0-1'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2310		24.8		mg/Kg			04/10/24 12:19	5

Client Sample ID: AH-5 @ 2'

Lab Sample ID: 880-41930-15
Matrix: Solid
Date Collected: 04/04/24 09:38
Date Received: 04/08/24 11:19
Sample Depth: 2'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2490		25.2		mg/Kg			04/10/24 12:25	5

Client Sample ID: AH-6 @ 0-1'

Lab Sample ID: 880-41930-16
Matrix: Solid
Date Collected: 04/04/24 09:55
Date Received: 04/08/24 11:19
Sample Depth: 0-1'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/08/24 14:32	04/08/24 15:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/24 14:32	04/08/24 15:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/24 14:32	04/08/24 15:23	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/24 14:32	04/08/24 15:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/24 14:32	04/08/24 15:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/24 14:32	04/08/24 15:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*04/08/24 14:32*	*04/08/24 15:23*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*04/08/24 14:32*	*04/08/24 15:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/08/24 15:23	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/24 15:39	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/24 08:24	04/09/24 15:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/24 08:24	04/09/24 15:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/24 08:24	04/09/24 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*04/09/24 08:24*	*04/09/24 15:39*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*04/09/24 08:24*	*04/09/24 15:39*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-6 @ 0-1'
Lab Sample ID: 880-41930-16
Date Collected: 04/04/24 09:55
Matrix: Solid
Date Received: 04/08/24 11:19
Sample Depth: 0-1'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	927		5.03		mg/Kg			04/10/24 12:32	1

Client Sample ID: AH-6 @ 2'
Lab Sample ID: 880-41930-17
Date Collected: 04/04/24 09:58
Matrix: Solid
Date Received: 04/08/24 11:19
Sample Depth: 2'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6220		49.8		mg/Kg			04/10/24 12:38	10

Client Sample ID: AH-6 @ 3'
Lab Sample ID: 880-41930-18
Date Collected: 04/04/24 10:01
Matrix: Solid
Date Received: 04/08/24 11:19
Sample Depth: 3'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5800		49.9		mg/Kg			04/10/24 12:44	10

Client Sample ID: AH-6 @ 4'R
Lab Sample ID: 880-41930-19
Date Collected: 04/04/24 10:04
Matrix: Solid
Date Received: 04/08/24 11:19
Sample Depth: 4'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1720		25.2		mg/Kg			04/10/24 12:51	5

Client Sample ID: AH-7 @ 0-1'
Lab Sample ID: 880-41930-20
Date Collected: 04/04/24 10:25
Matrix: Solid
Date Received: 04/08/24 11:19
Sample Depth: 0-1'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/08/24 14:32	04/08/24 15:44	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/08/24 14:32	04/08/24 15:44	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/08/24 14:32	04/08/24 15:44	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		04/08/24 14:32	04/08/24 15:44	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/08/24 14:32	04/08/24 15:44	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		04/08/24 14:32	04/08/24 15:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*04/08/24 14:32*	*04/08/24 15:44*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/08/24 14:32*	*04/08/24 15:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			04/08/24 15:44	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-7 @ 0-1'

Lab Sample ID: 880-41930-20
Matrix: Solid
Date Collected: 04/04/24 10:25
Date Received: 04/08/24 11:19
Sample Depth: 0-1'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/24 12:45	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		04/09/24 08:24	04/09/24 12:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/24 08:24	04/09/24 12:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/24 08:24	04/09/24 12:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*04/09/24 08:24*	*04/09/24 12:45*	*1*
o-Terphenyl (Surr)	*82*		*70 - 130*	*04/09/24 08:24*	*04/09/24 12:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4390**		25.1		mg/Kg			04/10/24 12:57	5

Client Sample ID: AH-7 @ 2'

Lab Sample ID: 880-41930-21
Matrix: Solid
Date Collected: 04/04/24 10:28
Date Received: 04/08/24 11:19
Sample Depth: 2'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4520**	**F1**	50.3		mg/Kg			04/10/24 23:47	10

Client Sample ID: AH-7 @ 3'R

Lab Sample ID: 880-41930-22
Matrix: Solid
Date Collected: 04/04/24 10:31
Date Received: 04/08/24 11:19
Sample Depth: 3'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1110**		5.05		mg/Kg			04/11/24 00:06	1

Client Sample ID: AH-8 @ 0-1'

Lab Sample ID: 880-41930-23
Matrix: Solid
Date Collected: 04/04/24 10:55
Date Received: 04/08/24 11:19
Sample Depth: 0-1'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/24 16:10	04/09/24 02:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/24 16:10	04/09/24 02:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/24 16:10	04/09/24 02:36	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/08/24 16:10	04/09/24 02:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/24 16:10	04/09/24 02:36	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/24 16:10	04/09/24 02:36	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-8 @ 0-1'

Lab Sample ID: 880-41930-23
Matrix: Solid
Date Collected: 04/04/24 10:55
Date Received: 04/08/24 11:19
Sample Depth: 0-1'

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	04/08/24 16:10	04/09/24 02:36	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/08/24 16:10	04/09/24 02:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			04/09/24 02:36	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/09/24 16:00	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/09/24 08:24	04/09/24 16:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/09/24 08:24	04/09/24 16:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/09/24 08:24	04/09/24 16:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130	04/09/24 08:24	04/09/24 16:00	1
o-Terphenyl (Surr)	89		70 - 130	04/09/24 08:24	04/09/24 16:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1850		25.1	mg/Kg			04/11/24 00:12	5

Client Sample ID: AH-8 @ 2'

Lab Sample ID: 880-41930-24
Matrix: Solid
Date Collected: 04/04/24 10:58
Date Received: 04/08/24 11:19
Sample Depth: 2'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6450		50.3	mg/Kg			04/11/24 00:18	10

Client Sample ID: AH-8 @ 3'R

Lab Sample ID: 880-41930-25
Matrix: Solid
Date Collected: 04/04/24 11:01
Date Received: 04/08/24 11:19
Sample Depth: 3'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2610		25.2	mg/Kg			04/11/24 00:25	5

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-9 @ 0-1'

Lab Sample ID: 880-41930-26
Matrix: Solid
Date Collected: 04/04/24 12:35
Date Received: 04/08/24 11:19
Sample Depth: 0-1'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/08/24 14:32	04/08/24 16:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/24 14:32	04/08/24 16:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/24 14:32	04/08/24 16:04	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/24 14:32	04/08/24 16:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/24 14:32	04/08/24 16:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/24 14:32	04/08/24 16:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*04/08/24 14:32*	*04/08/24 16:04*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*04/08/24 14:32*	*04/08/24 16:04*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/08/24 16:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/24 16:21	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/09/24 08:24	04/09/24 16:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/09/24 08:24	04/09/24 16:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/09/24 08:24	04/09/24 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*04/09/24 08:24*	*04/09/24 16:21*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*04/09/24 08:24*	*04/09/24 16:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1870**		25.1		mg/Kg			04/11/24 00:44	5

Client Sample ID: AH-9 @ 2'

Lab Sample ID: 880-41930-27
Matrix: Solid
Date Collected: 04/04/24 12:38
Date Received: 04/08/24 11:19
Sample Depth: 2'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4490**		50.1		mg/Kg			04/11/24 00:50	10

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-9 @ 3'R

Lab Sample ID: 880-41930-28
Matrix: Solid
Date Collected: 04/04/24 12:41
Date Received: 04/08/24 11:19
Sample Depth: 3'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6920		50.5		mg/Kg			04/11/24 00:56	10

Client Sample ID: AH-10 @ 0-1'

Lab Sample ID: 880-41930-29
Matrix: Solid
Date Collected: 04/04/24 13:00
Date Received: 04/08/24 11:19
Sample Depth: 0-1'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/08/24 14:32	04/08/24 16:25	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/08/24 14:32	04/08/24 16:25	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/08/24 14:32	04/08/24 16:25	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/08/24 14:32	04/08/24 16:25	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/08/24 14:32	04/08/24 16:25	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/08/24 14:32	04/08/24 16:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*04/08/24 14:32*	*04/08/24 16:25*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*04/08/24 14:32*	*04/08/24 16:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/08/24 16:25	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/24 16:43	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/09/24 08:24	04/09/24 16:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/09/24 08:24	04/09/24 16:43	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/09/24 08:24	04/09/24 16:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*04/09/24 08:24*	*04/09/24 16:43*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*04/09/24 08:24*	*04/09/24 16:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	808		5.03		mg/Kg			04/11/24 01:03	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-10 @ 2'R

Lab Sample ID: 880-41930-30
Matrix: Solid
Date Collected: 04/04/24 13:03
Date Received: 04/08/24 11:19
Sample Depth: 2'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3140		24.9		mg/Kg			04/11/24 01:09	5

Client Sample ID: AH-11 @ 0-1'

Lab Sample ID: 880-41930-31
Matrix: Solid
Date Collected: 04/04/24 13:25
Date Received: 04/08/24 11:19
Sample Depth: 0-1'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/24 14:32	04/08/24 16:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/24 14:32	04/08/24 16:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/24 14:32	04/08/24 16:45	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/08/24 14:32	04/08/24 16:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/24 14:32	04/08/24 16:45	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/24 14:32	04/08/24 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*04/08/24 14:32*	*04/08/24 16:45*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*04/08/24 14:32*	*04/08/24 16:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/08/24 16:45	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/09/24 17:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/09/24 08:24	04/09/24 17:27	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/09/24 08:24	04/09/24 17:27	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/09/24 08:24	04/09/24 17:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*04/09/24 08:24*	*04/09/24 17:27*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*04/09/24 08:24*	*04/09/24 17:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1940	F1	25.2		mg/Kg			04/11/24 01:15	5

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-11 @ 2'R

Lab Sample ID: 880-41930-32
Matrix: Solid
Date Collected: 04/04/24 13:25
Date Received: 04/08/24 11:19
Sample Depth: 2'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2930		25.0		mg/Kg			04/11/24 01:34	5

Client Sample ID: AH-12 @ 0-1'

Lab Sample ID: 880-41930-33
Matrix: Solid
Date Collected: 04/04/24 13:45
Date Received: 04/08/24 11:19
Sample Depth: 0-1'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/24 14:32	04/08/24 18:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/24 14:32	04/08/24 18:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/24 14:32	04/08/24 18:56	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/08/24 14:32	04/08/24 18:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/24 14:32	04/08/24 18:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/08/24 14:32	04/08/24 18:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/08/24 14:32*	*04/08/24 18:56*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*04/08/24 14:32*	*04/08/24 18:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/08/24 18:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/09/24 17:48	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/09/24 08:24	04/09/24 17:48	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/09/24 08:24	04/09/24 17:48	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/09/24 08:24	04/09/24 17:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*04/09/24 08:24*	*04/09/24 17:48*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*04/09/24 08:24*	*04/09/24 17:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1800		25.1		mg/Kg			04/11/24 01:41	5

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-12 @ 2'

Lab Sample ID: 880-41930-34
Matrix: Solid
Date Collected: 04/04/24 13:48
Date Received: 04/08/24 11:19
Sample Depth: 2'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	854		4.98		mg/Kg			04/11/24 01:59	1

Client Sample ID: AH-12 @ 3'R

Lab Sample ID: 880-41930-35
Matrix: Solid
Date Collected: 04/04/24 13:51
Date Received: 04/08/24 11:19
Sample Depth: 3'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	162		5.01		mg/Kg			04/11/24 02:06	1

Client Sample ID: AH-13 @ 0-1'

Lab Sample ID: 880-41930-36
Matrix: Solid
Date Collected: 04/05/24 08:20
Date Received: 04/08/24 11:19
Sample Depth: 0-1'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/24 14:32	04/08/24 19:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/24 14:32	04/08/24 19:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/24 14:32	04/08/24 19:16	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/08/24 14:32	04/08/24 19:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/24 14:32	04/08/24 19:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/08/24 14:32	04/08/24 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/08/24 14:32*	*04/08/24 19:16*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*04/08/24 14:32*	*04/08/24 19:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/08/24 19:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/24 18:09	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/09/24 08:24	04/09/24 18:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/09/24 08:24	04/09/24 18:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/09/24 08:24	04/09/24 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*04/09/24 08:24*	*04/09/24 18:09*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*04/09/24 08:24*	*04/09/24 18:09*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-13 @ 0-1'

Lab Sample ID: 880-41930-36
Matrix: Solid
Date Collected: 04/05/24 08:20
Date Received: 04/08/24 11:19
Sample Depth: 0-1'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	248		5.05		mg/Kg			04/11/24 02:12	1

Client Sample ID: AH-13 @ 2'

Lab Sample ID: 880-41930-37
Matrix: Solid
Date Collected: 04/05/24 08:23
Date Received: 04/08/24 11:19
Sample Depth: 2'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		5.03		mg/Kg			04/11/24 02:18	1

Client Sample ID: AH-13 @ 3'R

Lab Sample ID: 880-41930-38
Matrix: Solid
Date Collected: 04/05/24 08:26
Date Received: 04/08/24 11:19
Sample Depth: 3'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.7		5.04		mg/Kg			04/11/24 02:25	1

Client Sample ID: AH-14 @ 0-1'

Lab Sample ID: 880-41930-39
Matrix: Solid
Date Collected: 04/05/24 08:36
Date Received: 04/08/24 11:19
Sample Depth: 0-1'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/08/24 14:32	04/08/24 19:36	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/08/24 14:32	04/08/24 19:36	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/08/24 14:32	04/08/24 19:36	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/08/24 14:32	04/08/24 19:36	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/08/24 14:32	04/08/24 19:36	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/08/24 14:32	04/08/24 19:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/08/24 14:32*	*04/08/24 19:36*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*04/08/24 14:32*	*04/08/24 19:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/08/24 19:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/24 18:30	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/24 08:24	04/09/24 18:30	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-14 @ 0-1'

Lab Sample ID: 880-41930-39
Matrix: Solid
Date Collected: 04/05/24 08:36
Date Received: 04/08/24 11:19
Sample Depth: 0-1'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/24 08:24	04/09/24 18:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/24 08:24	04/09/24 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*118*		*70 - 130*	*04/09/24 08:24*	*04/09/24 18:30*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*04/09/24 08:24*	*04/09/24 18:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2020**		25.1		mg/Kg			04/11/24 02:31	5

Client Sample ID: AH-14 @ 2'

Lab Sample ID: 880-41930-40
Matrix: Solid
Date Collected: 04/05/24 08:39
Date Received: 04/08/24 11:19
Sample Depth: 2'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4290**		25.1		mg/Kg			04/11/24 02:37	5

Client Sample ID: AH-14 @ 3'R

Lab Sample ID: 880-41930-41
Matrix: Solid
Date Collected: 04/05/24 08:42
Date Received: 04/08/24 11:19
Sample Depth: 3'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1440**		4.98		mg/Kg			04/10/24 14:34	1

Client Sample ID: AH-15 @ 0-1'

Lab Sample ID: 880-41930-42
Matrix: Solid
Date Collected: 04/05/24 08:50
Date Received: 04/08/24 11:19
Sample Depth: 0-1'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/08/24 14:32	04/08/24 19:57	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/08/24 14:32	04/08/24 19:57	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/08/24 14:32	04/08/24 19:57	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		04/08/24 14:32	04/08/24 19:57	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/08/24 14:32	04/08/24 19:57	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/08/24 14:32	04/08/24 19:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*04/08/24 14:32*	*04/08/24 19:57*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*04/08/24 14:32*	*04/08/24 19:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/08/24 19:57	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-15 @ 0-1'

Lab Sample ID: 880-41930-42
Matrix: Solid
Date Collected: 04/05/24 08:50
Date Received: 04/08/24 11:19
Sample Depth: 0-1'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/24 18:51	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/24 08:24	04/09/24 18:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/24 08:24	04/09/24 18:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/24 08:24	04/09/24 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*04/09/24 08:24*	*04/09/24 18:51*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*04/09/24 08:24*	*04/09/24 18:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2190**		25.0		mg/Kg			04/11/24 13:15	5

Client Sample ID: AH-15 @ 2'R

Lab Sample ID: 880-41930-43
Matrix: Solid
Date Collected: 04/05/24 08:53
Date Received: 04/08/24 11:19
Sample Depth: 2'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**611**		5.02		mg/Kg			04/10/24 14:53	1

Client Sample ID: AH-16 @ 0-1'

Lab Sample ID: 880-41930-44
Matrix: Solid
Date Collected: 04/05/24 09:10
Date Received: 04/08/24 11:19
Sample Depth: 0-1'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/08/24 14:32	04/08/24 20:17	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/08/24 14:32	04/08/24 20:17	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/08/24 14:32	04/08/24 20:17	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/08/24 14:32	04/08/24 20:17	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/08/24 14:32	04/08/24 20:17	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/08/24 14:32	04/08/24 20:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*04/08/24 14:32*	*04/08/24 20:17*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*04/08/24 14:32*	*04/08/24 20:17*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/08/24 20:17	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-16 @ 0-1'

Lab Sample ID: 880-41930-44
Matrix: Solid
Date Collected: 04/05/24 09:10
Date Received: 04/08/24 11:19
Sample Depth: 0-1'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/24 19:12	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/24 08:24	04/09/24 19:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/24 08:24	04/09/24 19:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/24 08:24	04/09/24 19:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*04/09/24 08:24*	*04/09/24 19:12*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*04/09/24 08:24*	*04/09/24 19:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2480**		25.2		mg/Kg			04/10/24 14:58	5

Client Sample ID: AH-16 @ 2'R

Lab Sample ID: 880-41930-45
Matrix: Solid
Date Collected: 04/05/24 09:13
Date Received: 04/08/24 11:19
Sample Depth: 2'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**652**		4.96		mg/Kg			04/10/24 15:03	1

Client Sample ID: AH-17 @ 0-1'

Lab Sample ID: 880-41930-46
Matrix: Solid
Date Collected: 04/05/24 09:30
Date Received: 04/08/24 11:19
Sample Depth: 0-1'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/24 14:32	04/08/24 20:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/24 14:32	04/08/24 20:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/24 14:32	04/08/24 20:37	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/08/24 14:32	04/08/24 20:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/24 14:32	04/08/24 20:37	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/24 14:32	04/08/24 20:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*04/08/24 14:32*	*04/08/24 20:37*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*04/08/24 14:32*	*04/08/24 20:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/08/24 20:37	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-17 @ 0-1'

Lab Sample ID: 880-41930-46
Matrix: Solid
Date Collected: 04/05/24 09:30
Date Received: 04/08/24 11:19
Sample Depth: 0-1'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/24 19:33	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/09/24 08:24	04/09/24 19:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/09/24 08:24	04/09/24 19:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/09/24 08:24	04/09/24 19:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*120*		*70 - 130*	*04/09/24 08:24*	*04/09/24 19:33*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*04/09/24 08:24*	*04/09/24 19:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1000**		4.97		mg/Kg			04/10/24 15:17	1

Client Sample ID: AH-17 @ 2'R

Lab Sample ID: 880-41930-47
Matrix: Solid
Date Collected: 04/05/24 09:33
Date Received: 04/08/24 11:19
Sample Depth: 2'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**371**		5.03		mg/Kg			04/10/24 15:22	1

Client Sample ID: AH-18 @ 0-1'

Lab Sample ID: 880-41930-48
Matrix: Solid
Date Collected: 04/05/24 09:50
Date Received: 04/08/24 11:19
Sample Depth: 0-1'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/08/24 14:32	04/08/24 20:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/24 14:32	04/08/24 20:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/24 14:32	04/08/24 20:58	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/24 14:32	04/08/24 20:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/24 14:32	04/08/24 20:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/24 14:32	04/08/24 20:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*04/08/24 14:32*	*04/08/24 20:58*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*04/08/24 14:32*	*04/08/24 20:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/08/24 20:58	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-18 @ 0-1'

Lab Sample ID: 880-41930-48
Matrix: Solid
Date Collected: 04/05/24 09:50
Date Received: 04/08/24 11:19
Sample Depth: 0-1'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/08/24 21:57	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/08/24 15:00	04/08/24 21:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/08/24 15:00	04/08/24 21:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/08/24 15:00	04/08/24 21:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*04/08/24 15:00*	*04/08/24 21:57*	*1*
o-Terphenyl (Surr)	*77*		*70 - 130*	*04/08/24 15:00*	*04/08/24 21:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3190**		24.8		mg/Kg			04/10/24 15:27	5

Client Sample ID: AH-18 @ 2'

Lab Sample ID: 880-41930-49
Matrix: Solid
Date Collected: 04/05/24 09:53
Date Received: 04/08/24 11:19
Sample Depth: 2'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1260**		4.98		mg/Kg			04/10/24 15:32	1

Client Sample ID: AH-18 @ 3'R

Lab Sample ID: 880-41930-50
Matrix: Solid
Date Collected: 04/05/24 09:56
Date Received: 04/08/24 11:19
Sample Depth: 3'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**266**		5.04		mg/Kg			04/10/24 15:37	1

Client Sample ID: AH-19 @ 0-1'

Lab Sample ID: 880-41930-51
Matrix: Solid
Date Collected: 04/05/24 10:10
Date Received: 04/08/24 11:19
Sample Depth: 0-1'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/08/24 14:32	04/08/24 21:18	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/08/24 14:32	04/08/24 21:18	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/08/24 14:32	04/08/24 21:18	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/08/24 14:32	04/08/24 21:18	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/08/24 14:32	04/08/24 21:18	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/08/24 14:32	04/08/24 21:18	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-19 @ 0-1'

Lab Sample ID: 880-41930-51
Matrix: Solid
Date Collected: 04/05/24 10:10
Date Received: 04/08/24 11:19
Sample Depth: 0-1'

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*04/08/24 14:32*	*04/08/24 21:18*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*04/08/24 14:32*	*04/08/24 21:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			04/08/24 21:18	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			04/08/24 22:18	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/08/24 15:00	04/08/24 22:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/08/24 15:00	04/08/24 22:18	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/08/24 15:00	04/08/24 22:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*04/08/24 15:00*	*04/08/24 22:18*	*1*
o-Terphenyl (Surr)	*79*		*70 - 130*	*04/08/24 15:00*	*04/08/24 22:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4130**	**F1**	25.1	mg/Kg			04/10/24 15:41	5

Client Sample ID: AH-19 @ 2'

Lab Sample ID: 880-41930-52
Matrix: Solid
Date Collected: 04/05/24 10:13
Date Received: 04/08/24 11:19
Sample Depth: 2'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2010**		25.0	mg/Kg			04/10/24 16:36	5

Client Sample ID: AH-19 @ 3'R

Lab Sample ID: 880-41930-53
Matrix: Solid
Date Collected: 04/05/24 10:16
Date Received: 04/08/24 11:19
Sample Depth: 3'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6560**		50.4	mg/Kg			04/10/24 16:41	10

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-20 @ 0-1'

Lab Sample ID: 880-41930-54
Matrix: Solid
Date Collected: 04/05/24 10:30
Date Received: 04/08/24 11:19
Sample Depth: 0-1'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/08/24 14:32	04/08/24 21:39	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/08/24 14:32	04/08/24 21:39	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/08/24 14:32	04/08/24 21:39	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		04/08/24 14:32	04/08/24 21:39	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/08/24 14:32	04/08/24 21:39	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/08/24 14:32	04/08/24 21:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*04/08/24 14:32*	*04/08/24 21:39*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*04/08/24 14:32*	*04/08/24 21:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/08/24 21:39	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/08/24 22:39	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/08/24 15:00	04/08/24 22:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/08/24 15:00	04/08/24 22:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/08/24 15:00	04/08/24 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*04/08/24 15:00*	*04/08/24 22:39*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*04/08/24 15:00*	*04/08/24 22:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1770**		25.0		mg/Kg			04/10/24 16:55	5

Client Sample ID: AH-20 @ 2'

Lab Sample ID: 880-41930-55
Matrix: Solid
Date Collected: 04/05/24 10:33
Date Received: 04/08/24 11:19
Sample Depth: 2'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**247**		5.03		mg/Kg			04/10/24 17:00	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-20 @ 3'R

Lab Sample ID: 880-41930-56
Matrix: Solid
Date Collected: 04/05/24 10:36
Date Received: 04/08/24 11:19
Sample Depth: 3'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	155		5.05		mg/Kg			04/10/24 17:05	1

Client Sample ID: AH-21 @ 0-1'

Lab Sample ID: 880-41930-57
Matrix: Solid
Date Collected: 04/05/24 11:00
Date Received: 04/08/24 11:19
Sample Depth: 0-1'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/08/24 14:32	04/08/24 21:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/24 14:32	04/08/24 21:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/24 14:32	04/08/24 21:59	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/24 14:32	04/08/24 21:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/24 14:32	04/08/24 21:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/24 14:32	04/08/24 21:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*04/08/24 14:32*	*04/08/24 21:59*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*04/08/24 14:32*	*04/08/24 21:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/08/24 21:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/08/24 23:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/08/24 15:00	04/08/24 23:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/08/24 15:00	04/08/24 23:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/08/24 15:00	04/08/24 23:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*04/08/24 15:00*	*04/08/24 23:00*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*04/08/24 15:00*	*04/08/24 23:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	302		4.98		mg/Kg			04/10/24 17:10	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-21 @ 2'

Lab Sample ID: 880-41930-58
Matrix: Solid
Date Collected: 04/05/24 11:03
Date Received: 04/08/24 11:19
Sample Depth: 2'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1550		25.0		mg/Kg			04/10/24 17:14	5

Client Sample ID: AH-21 @ 3'R

Lab Sample ID: 880-41930-59
Matrix: Solid
Date Collected: 04/05/24 11:06
Date Received: 04/08/24 11:19
Sample Depth: 3'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1590		25.0		mg/Kg			04/10/24 17:19	5

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
820-12746-A-3-C MS	Matrix Spike	102	105
820-12746-A-3-D MSD	Matrix Spike Duplicate	100	99
880-41926-A-1-A MS	Matrix Spike	113	90
880-41926-A-1-B MSD	Matrix Spike Duplicate	109	95
880-41930-1	AH-1 @ 0-1'	102	96
880-41930-4	AH-2 @ 0-1'	92	94
880-41930-7	AH-3 @ 0-1'	97	97
880-41930-10	AH-4 @ 0-1'	99	95
880-41930-14	AH-5 @ 0-1'	106	102
880-41930-16	AH-6 @ 0-1'	108	110
880-41930-20	AH-7 @ 0-1'	112	100
880-41930-23	AH-8 @ 0-1'	102	97
880-41930-26	AH-9 @ 0-1'	110	108
880-41930-29	AH-10 @ 0-1'	119	103
880-41930-31	AH-11 @ 0-1'	108	106
880-41930-33	AH-12 @ 0-1'	106	114
880-41930-36	AH-13 @ 0-1'	106	109
880-41930-39	AH-14 @ 0-1'	104	112
880-41930-42	AH-15 @ 0-1'	108	103
880-41930-44	AH-16 @ 0-1'	113	115
880-41930-46	AH-17 @ 0-1'	117	109
880-41930-48	AH-18 @ 0-1'	113	109
880-41930-51	AH-19 @ 0-1'	110	112
880-41930-54	AH-20 @ 0-1'	112	108
880-41930-57	AH-21 @ 0-1'	117	106
LCS 880-77592/1-A	Lab Control Sample	94	95
LCS 880-77608/1-A	Lab Control Sample	107	96
LCSD 880-77592/2-A	Lab Control Sample Dup	104	97
LCSD 880-77608/2-A	Lab Control Sample Dup	103	92
MB 880-77561/5-A	Method Blank	72	93
MB 880-77592/5-A	Method Blank	152 S1+	122
MB 880-77608/5-A	Method Blank	71	96

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)
880-41908-A-11-B MS	Matrix Spike	139 S1+	108
880-41908-A-11-C MSD	Matrix Spike Duplicate	150 S1+	118
880-41930-1	AH-1 @ 0-1'	125	113
880-41930-2	AH-1 @ 2'	77	90
880-41930-4	AH-2 @ 0-1'	105	88
880-41930-7	AH-3 @ 0-1'	121	95
880-41930-8	AH-3 @ 2'	74	85

Surrogate Summary

Client: TRC Solutions, Inc. Job ID: 880-41930-1
Project/Site: Cotton Draw SDG: 596103

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)
880-41930-8 MS	AH-3 @ 2'	71	71
880-41930-8 MSD	AH-3 @ 2'	75	75
880-41930-10	AH-4 @ 0-1'	103	86
880-41930-14	AH-5 @ 0-1'	98	78
880-41930-16	AH-6 @ 0-1'	104	88
880-41930-20	AH-7 @ 0-1'	100	82
880-41930-20 MS	AH-7 @ 0-1'	107	79
880-41930-20 MSD	AH-7 @ 0-1'	103	79
880-41930-23	AH-8 @ 0-1'	103	89
880-41930-26	AH-9 @ 0-1'	104	93
880-41930-29	AH-10 @ 0-1'	107	89
880-41930-31	AH-11 @ 0-1'	106	87
880-41930-33	AH-12 @ 0-1'	104	87
880-41930-36	AH-13 @ 0-1'	113	96
880-41930-39	AH-14 @ 0-1'	118	100
880-41930-42	AH-15 @ 0-1'	110	98
880-41930-44	AH-16 @ 0-1'	104	84
880-41930-46	AH-17 @ 0-1'	120	96
880-41930-48	AH-18 @ 0-1'	99	77
880-41930-51	AH-19 @ 0-1'	96	79
880-41930-54	AH-20 @ 0-1'	104	88
880-41930-57	AH-21 @ 0-1'	109	84
LCS 880-77526/2-A	Lab Control Sample	98	95
LCS 880-77706/2-A	Lab Control Sample	103	108
LCS 880-78111/2-A	Lab Control Sample	89	104
LCSD 880-77526/3-A	Lab Control Sample Dup	83	73
LCSD 880-77706/3-A	Lab Control Sample Dup	85	80
LCSD 880-78111/3-A	Lab Control Sample Dup	90	106
MB 880-77526/1-A	Method Blank	245 S1+	197 S1+
MB 880-77706/1-A	Method Blank	103	86
MB 880-78111/1-A	Method Blank	84	93

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-77561/5-A
Matrix: Solid
Analysis Batch: 77566

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 77561

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/24 09:06	04/08/24 12:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/24 09:06	04/08/24 12:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/24 09:06	04/08/24 12:33	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/08/24 09:06	04/08/24 12:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/24 09:06	04/08/24 12:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/08/24 09:06	04/08/24 12:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*72*		*70 - 130*	*04/08/24 09:06*	*04/08/24 12:33*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*04/08/24 09:06*	*04/08/24 12:33*	*1*

Lab Sample ID: MB 880-77592/5-A
Matrix: Solid
Analysis Batch: 77569

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 77592

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/24 11:09	04/08/24 13:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/24 11:09	04/08/24 13:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/24 11:09	04/08/24 13:10	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/08/24 11:09	04/08/24 13:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/24 11:09	04/08/24 13:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/08/24 11:09	04/08/24 13:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*152*	*S1+*	*70 - 130*	*04/08/24 11:09*	*04/08/24 13:10*	*1*
1,4-Difluorobenzene (Surr)	*122*		*70 - 130*	*04/08/24 11:09*	*04/08/24 13:10*	*1*

Lab Sample ID: LCS 880-77592/1-A
Matrix: Solid
Analysis Batch: 77569

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 77592

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09291		mg/Kg		93	70 - 130		
Toluene			0.100	0.09255		mg/Kg		93	70 - 130		
Ethylbenzene			0.100	0.1027		mg/Kg		103	70 - 130		
m,p-Xylenes			0.200	0.2119		mg/Kg		106	70 - 130		
o-Xylene			0.100	0.09295		mg/Kg		93	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: LCSD 880-77592/2-A
Matrix: Solid
Analysis Batch: 77569

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 77592

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09623		mg/Kg		96	70 - 130	4	35

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

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

Lab Sample ID: LCSD 880-77592/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77569 — **Prep Batch: 77592**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.09393		mg/Kg		94	70 - 130	1	35
Ethylbenzene			0.100	0.1169		mg/Kg		117	70 - 130	13	35
m,p-Xylenes			0.200	0.2102		mg/Kg		105	70 - 130	1	35
o-Xylene			0.100	0.09930		mg/Kg		99	70 - 130	7	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 820-12746-A-3-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77569 — **Prep Batch: 77592**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0996	0.09050		mg/Kg		91	70 - 130
Toluene	<0.00199	U	0.0996	0.08683		mg/Kg		87	70 - 130
Ethylbenzene	<0.00199	U	0.0996	0.09773		mg/Kg		98	70 - 130
m,p-Xylenes	<0.00398	U	0.199	0.2089		mg/Kg		105	70 - 130
o-Xylene	<0.00199	U	0.0996	0.09342		mg/Kg		94	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: 820-12746-A-3-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77569 — **Prep Batch: 77592**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.101	0.09138		mg/Kg		91	70 - 130	1	35
Toluene	<0.00199	U	0.101	0.08459		mg/Kg		84	70 - 130	3	35
Ethylbenzene	<0.00199	U	0.101	0.09398		mg/Kg		93	70 - 130	4	35
m,p-Xylenes	<0.00398	U	0.202	0.1965		mg/Kg		97	70 - 130	6	35
o-Xylene	<0.00199	U	0.101	0.08675		mg/Kg		86	70 - 130	7	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: MB 880-77608/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77566 — **Prep Batch: 77608**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/24 12:47	04/08/24 23:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/24 12:47	04/08/24 23:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/24 12:47	04/08/24 23:10	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/08/24 12:47	04/08/24 23:10	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

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

Lab Sample ID: MB 880-77608/5-A
Matrix: Solid
Analysis Batch: 77566

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 77608

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/24 12:47	04/08/24 23:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/08/24 12:47	04/08/24 23:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*70 - 130*	*04/08/24 12:47*	*04/08/24 23:10*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*04/08/24 12:47*	*04/08/24 23:10*	*1*

Lab Sample ID: LCS 880-77608/1-A
Matrix: Solid
Analysis Batch: 77566

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 77608

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08356		mg/Kg		84	70 - 130		
Toluene			0.100	0.09058		mg/Kg		91	70 - 130		
Ethylbenzene			0.100	0.09716		mg/Kg		97	70 - 130		
m,p-Xylenes			0.200	0.1930		mg/Kg		97	70 - 130		
o-Xylene			0.100	0.09861		mg/Kg		99	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: LCSD 880-77608/2-A
Matrix: Solid
Analysis Batch: 77566

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 77608

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.07294		mg/Kg		73	70 - 130	14	35
Toluene			0.100	0.08461		mg/Kg		85	70 - 130	7	35
Ethylbenzene			0.100	0.09135		mg/Kg		91	70 - 130	6	35
m,p-Xylenes			0.200	0.1854		mg/Kg		93	70 - 130	4	35
o-Xylene			0.100	0.09448		mg/Kg		94	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: 880-41926-A-1-A MS
Matrix: Solid
Analysis Batch: 77566

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 77608

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U F1	0.0996	0.05877	F1	mg/Kg		59	70 - 130		
Toluene	0.00240	F1	0.0996	0.07046	F1	mg/Kg		68	70 - 130		
Ethylbenzene	<0.00201	U	0.0996	0.07496		mg/Kg		75	70 - 130		
m,p-Xylenes	<0.00402	U	0.199	0.1514		mg/Kg		76	70 - 130		
o-Xylene	<0.00201	U	0.0996	0.07708		mg/Kg		77	70 - 130		

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

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

Lab Sample ID: 880-41926-A-1-A MS
Matrix: Solid
Analysis Batch: 77566

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 77608

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: 880-41926-A-1-B MSD
Matrix: Solid
Analysis Batch: 77566

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 77608

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1	0.0990	0.07706		mg/Kg		78	70 - 130	27	35
Toluene	0.00240	F1	0.0990	0.08377		mg/Kg		82	70 - 130	17	35
Ethylbenzene	<0.00201	U	0.0990	0.08411		mg/Kg		85	70 - 130	12	35
m,p-Xylenes	<0.00402	U	0.198	0.1675		mg/Kg		85	70 - 130	10	35
o-Xylene	<0.00201	U	0.0990	0.08434		mg/Kg		85	70 - 130	9	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

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

Lab Sample ID: MB 880-77526/1-A
Matrix: Solid
Analysis Batch: 77550

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 77526

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/06/24 08:45	04/08/24 09:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/06/24 08:45	04/08/24 09:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/06/24 08:45	04/08/24 09:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	245	S1+	70 - 130	04/06/24 08:45	04/08/24 09:11	1
o-Terphenyl (Surr)	197	S1+	70 - 130	04/06/24 08:45	04/08/24 09:11	1

Lab Sample ID: LCS 880-77526/2-A
Matrix: Solid
Analysis Batch: 77550

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 77526

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	905.4		mg/Kg		91	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	900.1		mg/Kg		90	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	98		70 - 130
o-Terphenyl (Surr)	95		70 - 130

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

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

Lab Sample ID: LCSD 880-77526/3-A
Matrix: Solid
Analysis Batch: 77550

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 77526

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	941.7		mg/Kg		94	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	891.8		mg/Kg		89	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*83*		*70 - 130*
o-Terphenyl (Surr)	*73*		*70 - 130*

Lab Sample ID: 880-41908-A-11-B MS
Matrix: Solid
Analysis Batch: 77550

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 77526

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	859.0		mg/Kg		83	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1008		mg/Kg		99	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*139*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*108*		*70 - 130*

Lab Sample ID: 880-41908-A-11-C MSD
Matrix: Solid
Analysis Batch: 77550

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 77526

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	907.4		mg/Kg		87	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1130		mg/Kg		112	70 - 130	11	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*150*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*118*		*70 - 130*

Lab Sample ID: MB 880-77706/1-A
Matrix: Solid
Analysis Batch: 77696

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 77706

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/24 08:24	04/09/24 10:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/24 08:24	04/09/24 10:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/24 08:24	04/09/24 10:11	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

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

Lab Sample ID: MB 880-77706/1-A
Matrix: Solid
Analysis Batch: 77696

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 77706

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130	04/09/24 08:24	04/09/24 10:11	1
o-Terphenyl (Surr)	86		70 - 130	04/09/24 08:24	04/09/24 10:11	1

Lab Sample ID: LCS 880-77706/2-A
Matrix: Solid
Analysis Batch: 77696

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 77706

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	954.9		mg/Kg		95	70 - 130
Diesel Range Organics (Over C10-C28)	1000	987.2		mg/Kg		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	103		70 - 130
o-Terphenyl (Surr)	108		70 - 130

Lab Sample ID: LCSD 880-77706/3-A
Matrix: Solid
Analysis Batch: 77696

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 77706

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	946.7		mg/Kg		95	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	954.3		mg/Kg		95	70 - 130	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	85		70 - 130
o-Terphenyl (Surr)	80		70 - 130

Lab Sample ID: 880-41930-20 MS
Matrix: Solid
Analysis Batch: 77696

Client Sample ID: AH-7 @ 0-1'
Prep Type: Total/NA
Prep Batch: 77706

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	1000	1473	F1	mg/Kg		143	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1193		mg/Kg		119	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	107		70 - 130
o-Terphenyl (Surr)	79		70 - 130

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

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

Lab Sample ID: 880-41930-20 MSD
Matrix: Solid
Analysis Batch: 77696

Client Sample ID: AH-7 @ 0-1'
Prep Type: Total/NA
Prep Batch: 77706

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	1000	1406	F1	mg/Kg		136	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1168		mg/Kg		117	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*103*		*70 - 130*
o-Terphenyl (Surr)	*79*		*70 - 130*

Lab Sample ID: MB 880-78111/1-A
Matrix: Solid
Analysis Batch: 78150

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78111

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/13/24 11:10	04/15/24 09:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/13/24 11:10	04/15/24 09:25	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/13/24 11:10	04/15/24 09:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*04/13/24 11:10*	*04/15/24 09:25*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*04/13/24 11:10*	*04/15/24 09:25*	*1*

Lab Sample ID: LCS 880-78111/2-A
Matrix: Solid
Analysis Batch: 78150

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78111

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	962.9		mg/Kg		96	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	969.1		mg/Kg		97	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*89*		*70 - 130*
o-Terphenyl (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 880-78111/3-A
Matrix: Solid
Analysis Batch: 78150

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78111

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	940.9		mg/Kg		94	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	972.1		mg/Kg		97	70 - 130	0	20

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

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

Lab Sample ID: LCSD 880-78111/3-A
Matrix: Solid
Analysis Batch: 78150

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78111

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	90		70 - 130
o-Terphenyl (Surr)	106		70 - 130

Lab Sample ID: 880-41930-8 MS
Matrix: Solid
Analysis Batch: 78150

Client Sample ID: AH-3 @ 2'
Prep Type: Total/NA
Prep Batch: 78111

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	999	638.6	F1	mg/Kg		60	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U F1	999	608.5	F1	mg/Kg		58	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	71		70 - 130
o-Terphenyl (Surr)	71		70 - 130

Lab Sample ID: 880-41930-8 MSD
Matrix: Solid
Analysis Batch: 78150

Client Sample ID: AH-3 @ 2'
Prep Type: Total/NA
Prep Batch: 78111

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	999	680.5	F1	mg/Kg		64	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	999	642.8	F1	mg/Kg		61	70 - 130	5	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	75		70 - 130
o-Terphenyl (Surr)	75		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-77749/1-A
Matrix: Solid
Analysis Batch: 77793

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/10/24 09:47	1

Lab Sample ID: LCS 880-77749/2-A
Matrix: Solid
Analysis Batch: 77793

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			250	251.9		mg/Kg		101	90 - 110

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-77749/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 77793

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	253.0		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-41930-1 MS — **Client Sample ID: AH-1 @ 0-1'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 77793

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	7110		2480	9770		mg/Kg		107	90 - 110		

Lab Sample ID: 880-41930-1 MSD — **Client Sample ID: AH-1 @ 0-1'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 77793

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7110		2480	9731		mg/Kg		106	90 - 110	0	20

Lab Sample ID: 880-41930-11 MS — **Client Sample ID: AH-4 @ 2'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 77793

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	1650		1260	2883		mg/Kg		98	90 - 110		

Lab Sample ID: 880-41930-11 MSD — **Client Sample ID: AH-4 @ 2'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 77793

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1650		1260	2852		mg/Kg		96	90 - 110	1	20

Lab Sample ID: MB 880-77767/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 77807

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/10/24 23:28	1

Lab Sample ID: LCS 880-77767/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 77807

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	258.9		mg/Kg		104	90 - 110		

Lab Sample ID: LCSD 880-77767/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 77807

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	259.0		mg/Kg		104	90 - 110	0	20

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-41930-21 MS
Matrix: Solid
Analysis Batch: 77807

Client Sample ID: AH-7 @ 2'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4520	F1	2520	7378	F1	mg/Kg		114	90 - 110

Lab Sample ID: 880-41930-21 MSD
Matrix: Solid
Analysis Batch: 77807

Client Sample ID: AH-7 @ 2'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4520	F1	2520	7303	F1	mg/Kg		111	90 - 110	1	20

Lab Sample ID: 880-41930-31 MS
Matrix: Solid
Analysis Batch: 77807

Client Sample ID: AH-11 @ 0-1'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1940	F1	1260	3676	F1	mg/Kg		138	90 - 110

Lab Sample ID: 880-41930-31 MSD
Matrix: Solid
Analysis Batch: 77807

Client Sample ID: AH-11 @ 0-1'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1940	F1	1260	3679	F1	mg/Kg		138	90 - 110	0	20

Lab Sample ID: MB 880-77769/1-A
Matrix: Solid
Analysis Batch: 77818

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/10/24 14:19	1

Lab Sample ID: LCS 880-77769/2-A
Matrix: Solid
Analysis Batch: 77818

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			250	266.7		mg/Kg		107	90 - 110

Lab Sample ID: LCSD 880-77769/3-A
Matrix: Solid
Analysis Batch: 77818

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	267.3		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 880-41930-41 MS
Matrix: Solid
Analysis Batch: 77818

Client Sample ID: AH-14 @ 3'R
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1440		249	1658	4	mg/Kg		88	90 - 110

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-41930-41 MSD
Matrix: Solid
Analysis Batch: 77818

Client Sample ID: AH-14 @ 3'R
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1440		249	1648	4	mg/Kg		85	90 - 110	1	20

Lab Sample ID: 880-41930-51 MS
Matrix: Solid
Analysis Batch: 77818

Client Sample ID: AH-19 @ 0-1'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4130	F1	1260	5434		mg/Kg		104	90 - 110

Lab Sample ID: 880-41930-51 MSD
Matrix: Solid
Analysis Batch: 77818

Client Sample ID: AH-19 @ 0-1'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4130	F1	1260	6092	F1	mg/Kg		157	90 - 110	11	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

GC VOA

Prep Batch: 77561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-77561/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 77566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41930-1	AH-1 @ 0-1'	Total/NA	Solid	8021B	77608
880-41930-4	AH-2 @ 0-1'	Total/NA	Solid	8021B	77608
880-41930-7	AH-3 @ 0-1'	Total/NA	Solid	8021B	77608
880-41930-10	AH-4 @ 0-1'	Total/NA	Solid	8021B	77608
880-41930-23	AH-8 @ 0-1'	Total/NA	Solid	8021B	77608
MB 880-77561/5-A	Method Blank	Total/NA	Solid	8021B	77561
MB 880-77608/5-A	Method Blank	Total/NA	Solid	8021B	77608
LCS 880-77608/1-A	Lab Control Sample	Total/NA	Solid	8021B	77608
LCSD 880-77608/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	77608
880-41926-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	77608
880-41926-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	77608

Analysis Batch: 77569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41930-14	AH-5 @ 0-1'	Total/NA	Solid	8021B	77592
880-41930-16	AH-6 @ 0-1'	Total/NA	Solid	8021B	77592
880-41930-20	AH-7 @ 0-1'	Total/NA	Solid	8021B	77592
880-41930-26	AH-9 @ 0-1'	Total/NA	Solid	8021B	77592
880-41930-29	AH-10 @ 0-1'	Total/NA	Solid	8021B	77592
880-41930-31	AH-11 @ 0-1'	Total/NA	Solid	8021B	77592
880-41930-33	AH-12 @ 0-1'	Total/NA	Solid	8021B	77592
880-41930-36	AH-13 @ 0-1'	Total/NA	Solid	8021B	77592
880-41930-39	AH-14 @ 0-1'	Total/NA	Solid	8021B	77592
880-41930-42	AH-15 @ 0-1'	Total/NA	Solid	8021B	77592
880-41930-44	AH-16 @ 0-1'	Total/NA	Solid	8021B	77592
880-41930-46	AH-17 @ 0-1'	Total/NA	Solid	8021B	77592
880-41930-48	AH-18 @ 0-1'	Total/NA	Solid	8021B	77592
880-41930-51	AH-19 @ 0-1'	Total/NA	Solid	8021B	77592
880-41930-54	AH-20 @ 0-1'	Total/NA	Solid	8021B	77592
880-41930-57	AH-21 @ 0-1'	Total/NA	Solid	8021B	77592
MB 880-77592/5-A	Method Blank	Total/NA	Solid	8021B	77592
LCS 880-77592/1-A	Lab Control Sample	Total/NA	Solid	8021B	77592
LCSD 880-77592/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	77592
820-12746-A-3-C MS	Matrix Spike	Total/NA	Solid	8021B	77592
820-12746-A-3-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	77592

Prep Batch: 77592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41930-14	AH-5 @ 0-1'	Total/NA	Solid	5035	
880-41930-16	AH-6 @ 0-1'	Total/NA	Solid	5035	
880-41930-20	AH-7 @ 0-1'	Total/NA	Solid	5035	
880-41930-26	AH-9 @ 0-1'	Total/NA	Solid	5035	
880-41930-29	AH-10 @ 0-1'	Total/NA	Solid	5035	
880-41930-31	AH-11 @ 0-1'	Total/NA	Solid	5035	
880-41930-33	AH-12 @ 0-1'	Total/NA	Solid	5035	
880-41930-36	AH-13 @ 0-1'	Total/NA	Solid	5035	
880-41930-39	AH-14 @ 0-1'	Total/NA	Solid	5035	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

GC VOA (Continued)

Prep Batch: 77592 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41930-42	AH-15 @ 0-1'	Total/NA	Solid	5035	
880-41930-44	AH-16 @ 0-1'	Total/NA	Solid	5035	
880-41930-46	AH-17 @ 0-1'	Total/NA	Solid	5035	
880-41930-48	AH-18 @ 0-1'	Total/NA	Solid	5035	
880-41930-51	AH-19 @ 0-1'	Total/NA	Solid	5035	
880-41930-54	AH-20 @ 0-1'	Total/NA	Solid	5035	
880-41930-57	AH-21 @ 0-1'	Total/NA	Solid	5035	
MB 880-77592/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-77592/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-77592/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
820-12746-A-3-C MS	Matrix Spike	Total/NA	Solid	5035	
820-12746-A-3-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 77608

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41930-1	AH-1 @ 0-1'	Total/NA	Solid	5035	
880-41930-4	AH-2 @ 0-1'	Total/NA	Solid	5035	
880-41930-7	AH-3 @ 0-1'	Total/NA	Solid	5035	
880-41930-10	AH-4 @ 0-1'	Total/NA	Solid	5035	
880-41930-23	AH-8 @ 0-1'	Total/NA	Solid	5035	
MB 880-77608/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-77608/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-77608/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-41926-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-41926-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 77717

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41930-1	AH-1 @ 0-1'	Total/NA	Solid	Total BTEX	
880-41930-4	AH-2 @ 0-1'	Total/NA	Solid	Total BTEX	
880-41930-7	AH-3 @ 0-1'	Total/NA	Solid	Total BTEX	
880-41930-10	AH-4 @ 0-1'	Total/NA	Solid	Total BTEX	
880-41930-14	AH-5 @ 0-1'	Total/NA	Solid	Total BTEX	
880-41930-16	AH-6 @ 0-1'	Total/NA	Solid	Total BTEX	
880-41930-20	AH-7 @ 0-1'	Total/NA	Solid	Total BTEX	
880-41930-23	AH-8 @ 0-1'	Total/NA	Solid	Total BTEX	
880-41930-26	AH-9 @ 0-1'	Total/NA	Solid	Total BTEX	
880-41930-29	AH-10 @ 0-1'	Total/NA	Solid	Total BTEX	
880-41930-31	AH-11 @ 0-1'	Total/NA	Solid	Total BTEX	
880-41930-33	AH-12 @ 0-1'	Total/NA	Solid	Total BTEX	
880-41930-36	AH-13 @ 0-1'	Total/NA	Solid	Total BTEX	
880-41930-39	AH-14 @ 0-1'	Total/NA	Solid	Total BTEX	
880-41930-42	AH-15 @ 0-1'	Total/NA	Solid	Total BTEX	
880-41930-44	AH-16 @ 0-1'	Total/NA	Solid	Total BTEX	
880-41930-46	AH-17 @ 0-1'	Total/NA	Solid	Total BTEX	
880-41930-48	AH-18 @ 0-1'	Total/NA	Solid	Total BTEX	
880-41930-51	AH-19 @ 0-1'	Total/NA	Solid	Total BTEX	
880-41930-54	AH-20 @ 0-1'	Total/NA	Solid	Total BTEX	
880-41930-57	AH-21 @ 0-1'	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

GC Semi VOA

Prep Batch: 77526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41930-48	AH-18 @ 0-1'	Total/NA	Solid	8015NM Prep	
880-41930-51	AH-19 @ 0-1'	Total/NA	Solid	8015NM Prep	
880-41930-54	AH-20 @ 0-1'	Total/NA	Solid	8015NM Prep	
880-41930-57	AH-21 @ 0-1'	Total/NA	Solid	8015NM Prep	
MB 880-77526/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-77526/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-77526/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-41908-A-11-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-41908-A-11-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 77550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41930-48	AH-18 @ 0-1'	Total/NA	Solid	8015B NM	77526
880-41930-51	AH-19 @ 0-1'	Total/NA	Solid	8015B NM	77526
880-41930-54	AH-20 @ 0-1'	Total/NA	Solid	8015B NM	77526
880-41930-57	AH-21 @ 0-1'	Total/NA	Solid	8015B NM	77526
MB 880-77526/1-A	Method Blank	Total/NA	Solid	8015B NM	77526
LCS 880-77526/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	77526
LCSD 880-77526/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	77526
880-41908-A-11-B MS	Matrix Spike	Total/NA	Solid	8015B NM	77526
880-41908-A-11-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	77526

Analysis Batch: 77696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41930-1	AH-1 @ 0-1'	Total/NA	Solid	8015B NM	77706
880-41930-4	AH-2 @ 0-1'	Total/NA	Solid	8015B NM	77706
880-41930-7	AH-3 @ 0-1'	Total/NA	Solid	8015B NM	77706
880-41930-10	AH-4 @ 0-1'	Total/NA	Solid	8015B NM	77706
880-41930-14	AH-5 @ 0-1'	Total/NA	Solid	8015B NM	77706
880-41930-16	AH-6 @ 0-1'	Total/NA	Solid	8015B NM	77706
880-41930-20	AH-7 @ 0-1'	Total/NA	Solid	8015B NM	77706
880-41930-23	AH-8 @ 0-1'	Total/NA	Solid	8015B NM	77706
880-41930-26	AH-9 @ 0-1'	Total/NA	Solid	8015B NM	77706
880-41930-29	AH-10 @ 0-1'	Total/NA	Solid	8015B NM	77706
880-41930-31	AH-11 @ 0-1'	Total/NA	Solid	8015B NM	77706
880-41930-33	AH-12 @ 0-1'	Total/NA	Solid	8015B NM	77706
880-41930-36	AH-13 @ 0-1'	Total/NA	Solid	8015B NM	77706
880-41930-39	AH-14 @ 0-1'	Total/NA	Solid	8015B NM	77706
880-41930-42	AH-15 @ 0-1'	Total/NA	Solid	8015B NM	77706
880-41930-44	AH-16 @ 0-1'	Total/NA	Solid	8015B NM	77706
880-41930-46	AH-17 @ 0-1'	Total/NA	Solid	8015B NM	77706
MB 880-77706/1-A	Method Blank	Total/NA	Solid	8015B NM	77706
LCS 880-77706/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	77706
LCSD 880-77706/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	77706
880-41930-20 MS	AH-7 @ 0-1'	Total/NA	Solid	8015B NM	77706
880-41930-20 MSD	AH-7 @ 0-1'	Total/NA	Solid	8015B NM	77706

Prep Batch: 77706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41930-1	AH-1 @ 0-1'	Total/NA	Solid	8015NM Prep	
880-41930-4	AH-2 @ 0-1'	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

GC Semi VOA (Continued)

Prep Batch: 77706 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41930-7	AH-3 @ 0-1'	Total/NA	Solid	8015NM Prep	
880-41930-10	AH-4 @ 0-1'	Total/NA	Solid	8015NM Prep	
880-41930-14	AH-5 @ 0-1'	Total/NA	Solid	8015NM Prep	
880-41930-16	AH-6 @ 0-1'	Total/NA	Solid	8015NM Prep	
880-41930-20	AH-7 @ 0-1'	Total/NA	Solid	8015NM Prep	
880-41930-23	AH-8 @ 0-1'	Total/NA	Solid	8015NM Prep	
880-41930-26	AH-9 @ 0-1'	Total/NA	Solid	8015NM Prep	
880-41930-29	AH-10 @ 0-1'	Total/NA	Solid	8015NM Prep	
880-41930-31	AH-11 @ 0-1'	Total/NA	Solid	8015NM Prep	
880-41930-33	AH-12 @ 0-1'	Total/NA	Solid	8015NM Prep	
880-41930-36	AH-13 @ 0-1'	Total/NA	Solid	8015NM Prep	
880-41930-39	AH-14 @ 0-1'	Total/NA	Solid	8015NM Prep	
880-41930-42	AH-15 @ 0-1'	Total/NA	Solid	8015NM Prep	
880-41930-44	AH-16 @ 0-1'	Total/NA	Solid	8015NM Prep	
880-41930-46	AH-17 @ 0-1'	Total/NA	Solid	8015NM Prep	
MB 880-77706/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-77706/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-77706/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-41930-20 MS	AH-7 @ 0-1'	Total/NA	Solid	8015NM Prep	
880-41930-20 MSD	AH-7 @ 0-1'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 77755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41930-1	AH-1 @ 0-1'	Total/NA	Solid	8015 NM	
880-41930-4	AH-2 @ 0-1'	Total/NA	Solid	8015 NM	
880-41930-7	AH-3 @ 0-1'	Total/NA	Solid	8015 NM	
880-41930-10	AH-4 @ 0-1'	Total/NA	Solid	8015 NM	
880-41930-14	AH-5 @ 0-1'	Total/NA	Solid	8015 NM	
880-41930-16	AH-6 @ 0-1'	Total/NA	Solid	8015 NM	
880-41930-20	AH-7 @ 0-1'	Total/NA	Solid	8015 NM	
880-41930-23	AH-8 @ 0-1'	Total/NA	Solid	8015 NM	
880-41930-26	AH-9 @ 0-1'	Total/NA	Solid	8015 NM	
880-41930-29	AH-10 @ 0-1'	Total/NA	Solid	8015 NM	
880-41930-31	AH-11 @ 0-1'	Total/NA	Solid	8015 NM	
880-41930-33	AH-12 @ 0-1'	Total/NA	Solid	8015 NM	
880-41930-36	AH-13 @ 0-1'	Total/NA	Solid	8015 NM	
880-41930-39	AH-14 @ 0-1'	Total/NA	Solid	8015 NM	
880-41930-42	AH-15 @ 0-1'	Total/NA	Solid	8015 NM	
880-41930-44	AH-16 @ 0-1'	Total/NA	Solid	8015 NM	
880-41930-46	AH-17 @ 0-1'	Total/NA	Solid	8015 NM	
880-41930-48	AH-18 @ 0-1'	Total/NA	Solid	8015 NM	
880-41930-51	AH-19 @ 0-1'	Total/NA	Solid	8015 NM	
880-41930-54	AH-20 @ 0-1'	Total/NA	Solid	8015 NM	
880-41930-57	AH-21 @ 0-1'	Total/NA	Solid	8015 NM	

Prep Batch: 78111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41930-2	AH-1 @ 2'	Total/NA	Solid	8015NM Prep	
880-41930-8	AH-3 @ 2'	Total/NA	Solid	8015NM Prep	
MB 880-78111/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-78111/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

GC Semi VOA (Continued)

Prep Batch: 78111 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-78111/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-41930-8 MS	AH-3 @ 2'	Total/NA	Solid	8015NM Prep	
880-41930-8 MSD	AH-3 @ 2'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 78150

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41930-2	AH-1 @ 2'	Total/NA	Solid	8015B NM	78111
880-41930-8	AH-3 @ 2'	Total/NA	Solid	8015B NM	78111
MB 880-78111/1-A	Method Blank	Total/NA	Solid	8015B NM	78111
LCS 880-78111/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	78111
LCSD 880-78111/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	78111
880-41930-8 MS	AH-3 @ 2'	Total/NA	Solid	8015B NM	78111
880-41930-8 MSD	AH-3 @ 2'	Total/NA	Solid	8015B NM	78111

Analysis Batch: 78369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41930-2	AH-1 @ 2'	Total/NA	Solid	8015 NM	
880-41930-8	AH-3 @ 2'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 77749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41930-1	AH-1 @ 0-1'	Soluble	Solid	DI Leach	
880-41930-2	AH-1 @ 2'	Soluble	Solid	DI Leach	
880-41930-3	AH-1 @ 3'R	Soluble	Solid	DI Leach	
880-41930-4	AH-2 @ 0-1'	Soluble	Solid	DI Leach	
880-41930-5	AH-2 @ 2'	Soluble	Solid	DI Leach	
880-41930-6	AH-2 @ 3'R	Soluble	Solid	DI Leach	
880-41930-7	AH-3 @ 0-1'	Soluble	Solid	DI Leach	
880-41930-8	AH-3 @ 2'	Soluble	Solid	DI Leach	
880-41930-9	AH-3 @ 3'R	Soluble	Solid	DI Leach	
880-41930-10	AH-4 @ 0-1'	Soluble	Solid	DI Leach	
880-41930-11	AH-4 @ 2'	Soluble	Solid	DI Leach	
880-41930-12	AH-4 @ 3'	Soluble	Solid	DI Leach	
880-41930-13	AH-4 @ 4'R	Soluble	Solid	DI Leach	
880-41930-14	AH-5 @ 0-1'	Soluble	Solid	DI Leach	
880-41930-15	AH-5 @ 2'	Soluble	Solid	DI Leach	
880-41930-16	AH-6 @ 0-1'	Soluble	Solid	DI Leach	
880-41930-17	AH-6 @ 2'	Soluble	Solid	DI Leach	
880-41930-18	AH-6 @ 3'	Soluble	Solid	DI Leach	
880-41930-19	AH-6 @ 4'R	Soluble	Solid	DI Leach	
880-41930-20	AH-7 @ 0-1'	Soluble	Solid	DI Leach	
MB 880-77749/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-77749/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-77749/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-41930-1 MS	AH-1 @ 0-1'	Soluble	Solid	DI Leach	
880-41930-1 MSD	AH-1 @ 0-1'	Soluble	Solid	DI Leach	
880-41930-11 MS	AH-4 @ 2'	Soluble	Solid	DI Leach	
880-41930-11 MSD	AH-4 @ 2'	Soluble	Solid	DI Leach	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

HPLC/IC

Leach Batch: 77767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41930-21	AH-7 @ 2'	Soluble	Solid	DI Leach	
880-41930-22	AH-7 @ 3'R	Soluble	Solid	DI Leach	
880-41930-23	AH-8 @ 0-1'	Soluble	Solid	DI Leach	
880-41930-24	AH-8 @ 2'	Soluble	Solid	DI Leach	
880-41930-25	AH-8 @ 3'R	Soluble	Solid	DI Leach	
880-41930-26	AH-9 @ 0-1'	Soluble	Solid	DI Leach	
880-41930-27	AH-9 @ 2'	Soluble	Solid	DI Leach	
880-41930-28	AH-9 @ 3'R	Soluble	Solid	DI Leach	
880-41930-29	AH-10 @ 0-1'	Soluble	Solid	DI Leach	
880-41930-30	AH-10 @ 2'R	Soluble	Solid	DI Leach	
880-41930-31	AH-11 @ 0-1'	Soluble	Solid	DI Leach	
880-41930-32	AH-11 @ 2'R	Soluble	Solid	DI Leach	
880-41930-33	AH-12 @ 0-1'	Soluble	Solid	DI Leach	
880-41930-34	AH-12 @ 2'	Soluble	Solid	DI Leach	
880-41930-35	AH-12 @ 3'R	Soluble	Solid	DI Leach	
880-41930-36	AH-13 @ 0-1'	Soluble	Solid	DI Leach	
880-41930-37	AH-13 @ 2'	Soluble	Solid	DI Leach	
880-41930-38	AH-13 @ 3'R	Soluble	Solid	DI Leach	
880-41930-39	AH-14 @ 0-1'	Soluble	Solid	DI Leach	
880-41930-40	AH-14 @ 2'	Soluble	Solid	DI Leach	
MB 880-77767/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-77767/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-77767/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-41930-21 MS	AH-7 @ 2'	Soluble	Solid	DI Leach	
880-41930-21 MSD	AH-7 @ 2'	Soluble	Solid	DI Leach	
880-41930-31 MS	AH-11 @ 0-1'	Soluble	Solid	DI Leach	
880-41930-31 MSD	AH-11 @ 0-1'	Soluble	Solid	DI Leach	

Leach Batch: 77769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41930-41	AH-14 @ 3'R	Soluble	Solid	DI Leach	
880-41930-42	AH-15 @ 0-1'	Soluble	Solid	DI Leach	
880-41930-43	AH-15 @ 2'R	Soluble	Solid	DI Leach	
880-41930-44	AH-16 @ 0-1'	Soluble	Solid	DI Leach	
880-41930-45	AH-16 @ 2'R	Soluble	Solid	DI Leach	
880-41930-46	AH-17 @ 0-1'	Soluble	Solid	DI Leach	
880-41930-47	AH-17 @ 2'R	Soluble	Solid	DI Leach	
880-41930-48	AH-18 @ 0-1'	Soluble	Solid	DI Leach	
880-41930-49	AH-18 @ 2'	Soluble	Solid	DI Leach	
880-41930-50	AH-18 @ 3'R	Soluble	Solid	DI Leach	
880-41930-51	AH-19 @ 0-1'	Soluble	Solid	DI Leach	
880-41930-52	AH-19 @ 2'	Soluble	Solid	DI Leach	
880-41930-53	AH-19 @ 3'R	Soluble	Solid	DI Leach	
880-41930-54	AH-20 @ 0-1'	Soluble	Solid	DI Leach	
880-41930-55	AH-20 @ 2'	Soluble	Solid	DI Leach	
880-41930-56	AH-20 @ 3'R	Soluble	Solid	DI Leach	
880-41930-57	AH-21 @ 0-1'	Soluble	Solid	DI Leach	
880-41930-58	AH-21 @ 2'	Soluble	Solid	DI Leach	
880-41930-59	AH-21 @ 3'R	Soluble	Solid	DI Leach	
MB 880-77769/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-77769/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

HPLC/IC (Continued)

Leach Batch: 77769 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-77769/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-41930-41 MS	AH-14 @ 3'R	Soluble	Solid	DI Leach	
880-41930-41 MSD	AH-14 @ 3'R	Soluble	Solid	DI Leach	
880-41930-51 MS	AH-19 @ 0-1'	Soluble	Solid	DI Leach	
880-41930-51 MSD	AH-19 @ 0-1'	Soluble	Solid	DI Leach	

Analysis Batch: 77793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41930-1	AH-1 @ 0-1'	Soluble	Solid	300.0	77749
880-41930-2	AH-1 @ 2'	Soluble	Solid	300.0	77749
880-41930-3	AH-1 @ 3'R	Soluble	Solid	300.0	77749
880-41930-4	AH-2 @ 0-1'	Soluble	Solid	300.0	77749
880-41930-5	AH-2 @ 2'	Soluble	Solid	300.0	77749
880-41930-6	AH-2 @ 3'R	Soluble	Solid	300.0	77749
880-41930-7	AH-3 @ 0-1'	Soluble	Solid	300.0	77749
880-41930-8	AH-3 @ 2'	Soluble	Solid	300.0	77749
880-41930-9	AH-3 @ 3'R	Soluble	Solid	300.0	77749
880-41930-10	AH-4 @ 0-1'	Soluble	Solid	300.0	77749
880-41930-11	AH-4 @ 2'	Soluble	Solid	300.0	77749
880-41930-12	AH-4 @ 3'	Soluble	Solid	300.0	77749
880-41930-13	AH-4 @ 4'R	Soluble	Solid	300.0	77749
880-41930-14	AH-5 @ 0-1'	Soluble	Solid	300.0	77749
880-41930-15	AH-5 @ 2'	Soluble	Solid	300.0	77749
880-41930-16	AH-6 @ 0-1'	Soluble	Solid	300.0	77749
880-41930-17	AH-6 @ 2'	Soluble	Solid	300.0	77749
880-41930-18	AH-6 @ 3'	Soluble	Solid	300.0	77749
880-41930-19	AH-6 @ 4'R	Soluble	Solid	300.0	77749
880-41930-20	AH-7 @ 0-1'	Soluble	Solid	300.0	77749
MB 880-77749/1-A	Method Blank	Soluble	Solid	300.0	77749
LCS 880-77749/2-A	Lab Control Sample	Soluble	Solid	300.0	77749
LCSD 880-77749/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	77749
880-41930-1 MS	AH-1 @ 0-1'	Soluble	Solid	300.0	77749
880-41930-1 MSD	AH-1 @ 0-1'	Soluble	Solid	300.0	77749
880-41930-11 MS	AH-4 @ 2'	Soluble	Solid	300.0	77749
880-41930-11 MSD	AH-4 @ 2'	Soluble	Solid	300.0	77749

Analysis Batch: 77807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41930-21	AH-7 @ 2'	Soluble	Solid	300.0	77767
880-41930-22	AH-7 @ 3'R	Soluble	Solid	300.0	77767
880-41930-23	AH-8 @ 0-1'	Soluble	Solid	300.0	77767
880-41930-24	AH-8 @ 2'	Soluble	Solid	300.0	77767
880-41930-25	AH-8 @ 3'R	Soluble	Solid	300.0	77767
880-41930-26	AH-9 @ 0-1'	Soluble	Solid	300.0	77767
880-41930-27	AH-9 @ 2'	Soluble	Solid	300.0	77767
880-41930-28	AH-9 @ 3'R	Soluble	Solid	300.0	77767
880-41930-29	AH-10 @ 0-1'	Soluble	Solid	300.0	77767
880-41930-30	AH-10 @ 2'R	Soluble	Solid	300.0	77767
880-41930-31	AH-11 @ 0-1'	Soluble	Solid	300.0	77767
880-41930-32	AH-11 @ 2'R	Soluble	Solid	300.0	77767
880-41930-33	AH-12 @ 0-1'	Soluble	Solid	300.0	77767

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

HPLC/IC (Continued)

Analysis Batch: 77807 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41930-34	AH-12 @ 2'	Soluble	Solid	300.0	77767
880-41930-35	AH-12 @ 3'R	Soluble	Solid	300.0	77767
880-41930-36	AH-13 @ 0-1'	Soluble	Solid	300.0	77767
880-41930-37	AH-13 @ 2'	Soluble	Solid	300.0	77767
880-41930-38	AH-13 @ 3'R	Soluble	Solid	300.0	77767
880-41930-39	AH-14 @ 0-1'	Soluble	Solid	300.0	77767
880-41930-40	AH-14 @ 2'	Soluble	Solid	300.0	77767
MB 880-77767/1-A	Method Blank	Soluble	Solid	300.0	77767
LCS 880-77767/2-A	Lab Control Sample	Soluble	Solid	300.0	77767
LCSD 880-77767/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	77767
880-41930-21 MS	AH-7 @ 2'	Soluble	Solid	300.0	77767
880-41930-21 MSD	AH-7 @ 2'	Soluble	Solid	300.0	77767
880-41930-31 MS	AH-11 @ 0-1'	Soluble	Solid	300.0	77767
880-41930-31 MSD	AH-11 @ 0-1'	Soluble	Solid	300.0	77767

Analysis Batch: 77818

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-41930-41	AH-14 @ 3'R	Soluble	Solid	300.0	77769
880-41930-42	AH-15 @ 0-1'	Soluble	Solid	300.0	77769
880-41930-43	AH-15 @ 2'R	Soluble	Solid	300.0	77769
880-41930-44	AH-16 @ 0-1'	Soluble	Solid	300.0	77769
880-41930-45	AH-16 @ 2'R	Soluble	Solid	300.0	77769
880-41930-46	AH-17 @ 0-1'	Soluble	Solid	300.0	77769
880-41930-47	AH-17 @ 2'R	Soluble	Solid	300.0	77769
880-41930-48	AH-18 @ 0-1'	Soluble	Solid	300.0	77769
880-41930-49	AH-18 @ 2'	Soluble	Solid	300.0	77769
880-41930-50	AH-18 @ 3'R	Soluble	Solid	300.0	77769
880-41930-51	AH-19 @ 0-1'	Soluble	Solid	300.0	77769
880-41930-52	AH-19 @ 2'	Soluble	Solid	300.0	77769
880-41930-53	AH-19 @ 3'R	Soluble	Solid	300.0	77769
880-41930-54	AH-20 @ 0-1'	Soluble	Solid	300.0	77769
880-41930-55	AH-20 @ 2'	Soluble	Solid	300.0	77769
880-41930-56	AH-20 @ 3'R	Soluble	Solid	300.0	77769
880-41930-57	AH-21 @ 0-1'	Soluble	Solid	300.0	77769
880-41930-58	AH-21 @ 2'	Soluble	Solid	300.0	77769
880-41930-59	AH-21 @ 3'R	Soluble	Solid	300.0	77769
MB 880-77769/1-A	Method Blank	Soluble	Solid	300.0	77769
LCS 880-77769/2-A	Lab Control Sample	Soluble	Solid	300.0	77769
LCSD 880-77769/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	77769
880-41930-41 MS	AH-14 @ 3'R	Soluble	Solid	300.0	77769
880-41930-41 MSD	AH-14 @ 3'R	Soluble	Solid	300.0	77769
880-41930-51 MS	AH-19 @ 0-1'	Soluble	Solid	300.0	77769
880-41930-51 MSD	AH-19 @ 0-1'	Soluble	Solid	300.0	77769

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-1 @ 0-1'
Date Collected: 04/04/24 07:15
Date Received: 04/08/24 11:19

Lab Sample ID: 880-41930-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	77608	04/08/24 12:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77566	04/09/24 00:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77717	04/09/24 00:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			77755	04/09/24 14:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	77706	04/09/24 08:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77696	04/09/24 14:11	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	77749	04/09/24 13:50	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	77793	04/10/24 10:06	SMC	EET MID

Client Sample ID: AH-1 @ 2'
Date Collected: 04/04/24 07:18
Date Received: 04/08/24 11:19

Lab Sample ID: 880-41930-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			78369	04/15/24 16:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	78111	04/13/24 11:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78150	04/15/24 16:15	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	77749	04/09/24 13:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77793	04/10/24 10:25	SMC	EET MID

Client Sample ID: AH-1 @ 3'R
Date Collected: 04/04/24 07:21
Date Received: 04/08/24 11:19

Lab Sample ID: 880-41930-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	77749	04/09/24 13:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77793	04/10/24 10:32	SMC	EET MID

Client Sample ID: AH-2 @ 0-1'
Date Collected: 04/04/24 07:45
Date Received: 04/08/24 11:19

Lab Sample ID: 880-41930-4
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			4.99 g	5 mL	77608	04/08/24 12:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77566	04/09/24 00:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77717	04/09/24 00:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			77755	04/09/24 15:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	77706	04/09/24 08:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77696	04/09/24 15:17	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	77749	04/09/24 13:50	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	77793	04/10/24 10:38	SMC	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-2 @ 2'

Lab Sample ID: 880-41930-5
Matrix: Solid
Date Collected: 04/04/24 07:48
Date Received: 04/08/24 11:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	77749	04/09/24 13:50	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	77793	04/10/24 10:44	SMC	EET MID

Client Sample ID: AH-2 @ 3'R

Lab Sample ID: 880-41930-6
Matrix: Solid
Date Collected: 04/04/24 07:51
Date Received: 04/08/24 11:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	77749	04/09/24 13:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77793	04/10/24 11:03	SMC	EET MID

Client Sample ID: AH-3 @ 0-1'

Lab Sample ID: 880-41930-7
Matrix: Solid
Date Collected: 04/04/24 08:25
Date Received: 04/08/24 11:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	77608	04/08/24 12:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77566	04/09/24 00:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77717	04/09/24 00:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			77755	04/09/24 13:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	77706	04/09/24 08:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77696	04/09/24 13:49	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	77749	04/09/24 13:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77793	04/10/24 11:09	SMC	EET MID

Client Sample ID: AH-3 @ 2'

Lab Sample ID: 880-41930-8
Matrix: Solid
Date Collected: 04/04/24 08:28
Date Received: 04/08/24 11:19

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			78369	04/15/24 15:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	78111	04/13/24 11:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78150	04/15/24 15:11	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	77749	04/09/24 13:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77793	04/10/24 11:16	SMC	EET MID

Client Sample ID: AH-3 @ 3'R

Lab Sample ID: 880-41930-9
Matrix: Solid
Date Collected: 04/04/24 08:31
Date Received: 04/08/24 11:19

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	77749	04/09/24 13:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77793	04/10/24 11:22	SMC	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-4 @ 0-1'
Date Collected: 04/04/24 08:45
Date Received: 04/08/24 11:19

Lab Sample ID: 880-41930-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	77608	04/08/24 12:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77566	04/09/24 01:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77717	04/09/24 01:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			77755	04/09/24 14:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	77706	04/09/24 08:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77696	04/09/24 14:33	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	77749	04/09/24 13:50	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	77793	04/10/24 11:28	SMC	EET MID

Client Sample ID: AH-4 @ 2'
Date Collected: 04/04/24 08:48
Date Received: 04/08/24 11:19

Lab Sample ID: 880-41930-11
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	77749	04/09/24 13:50	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	77793	04/10/24 11:35	SMC	EET MID

Client Sample ID: AH-4 @ 3'
Date Collected: 04/04/24 08:51
Date Received: 04/08/24 11:19

Lab Sample ID: 880-41930-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	77749	04/09/24 13:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77793	04/10/24 11:54	SMC	EET MID

Client Sample ID: AH-4 @ 4'R
Date Collected: 04/04/24 08:54
Date Received: 04/08/24 11:19

Lab Sample ID: 880-41930-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	77749	04/09/24 13:50	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	77793	04/10/24 12:00	SMC	EET MID

Client Sample ID: AH-5 @ 0-1'
Date Collected: 04/04/24 09:35
Date Received: 04/08/24 11:19

Lab Sample ID: 880-41930-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	77592	04/08/24 14:32	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77569	04/08/24 15:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77717	04/08/24 15:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			77755	04/09/24 14:55	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	77706	04/09/24 08:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77696	04/09/24 14:55	SM	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-5 @ 0-1'

Lab Sample ID: 880-41930-14
Matrix: Solid
Date Collected: 04/04/24 09:35
Date Received: 04/08/24 11:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	77749	04/09/24 13:50	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	77793	04/10/24 12:19	SMC	EET MID

Client Sample ID: AH-5 @ 2'

Lab Sample ID: 880-41930-15
Matrix: Solid
Date Collected: 04/04/24 09:38
Date Received: 04/08/24 11:19

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	77749	04/09/24 13:50	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	77793	04/10/24 12:25	SMC	EET MID

Client Sample ID: AH-6 @ 0-1'

Lab Sample ID: 880-41930-16
Matrix: Solid
Date Collected: 04/04/24 09:55
Date Received: 04/08/24 11:19

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	77592	04/08/24 14:32	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77569	04/08/24 15:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77717	04/08/24 15:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			77755	04/09/24 15:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	77706	04/09/24 08:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77696	04/09/24 15:39	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	77749	04/09/24 13:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77793	04/10/24 12:32	SMC	EET MID

Client Sample ID: AH-6 @ 2'

Lab Sample ID: 880-41930-17
Matrix: Solid
Date Collected: 04/04/24 09:58
Date Received: 04/08/24 11:19

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	77749	04/09/24 13:50	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	77793	04/10/24 12:38	SMC	EET MID

Client Sample ID: AH-6 @ 3'

Lab Sample ID: 880-41930-18
Matrix: Solid
Date Collected: 04/04/24 10:01
Date Received: 04/08/24 11:19

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	77749	04/09/24 13:50	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	77793	04/10/24 12:44	SMC	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-6 @ 4'R

Lab Sample ID: 880-41930-19
Matrix: Solid
Date Collected: 04/04/24 10:04
Date Received: 04/08/24 11:19

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	77749	04/09/24 13:50	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	77793	04/10/24 12:51	SMC	EET MID

Client Sample ID: AH-7 @ 0-1'

Lab Sample ID: 880-41930-20
Matrix: Solid
Date Collected: 04/04/24 10:25
Date Received: 04/08/24 11:19

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	77592	04/08/24 14:32	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77569	04/08/24 15:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77717	04/08/24 15:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			77755	04/09/24 12:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	77706	04/09/24 08:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77696	04/09/24 12:45	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	77749	04/09/24 13:50	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	77793	04/10/24 12:57	SMC	EET MID

Client Sample ID: AH-7 @ 2'

Lab Sample ID: 880-41930-21
Matrix: Solid
Date Collected: 04/04/24 10:28
Date Received: 04/08/24 11:19

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	77767	04/09/24 16:17	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	77807	04/10/24 23:47	SMC	EET MID

Client Sample ID: AH-7 @ 3'R

Lab Sample ID: 880-41930-22
Matrix: Solid
Date Collected: 04/04/24 10:31
Date Received: 04/08/24 11:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	77767	04/09/24 16:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77807	04/11/24 00:06	SMC	EET MID

Client Sample ID: AH-8 @ 0-1'

Lab Sample ID: 880-41930-23
Matrix: Solid
Date Collected: 04/04/24 10:55
Date Received: 04/08/24 11:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	77608	04/08/24 16:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77566	04/09/24 02:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77717	04/09/24 02:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			77755	04/09/24 16:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	77706	04/09/24 08:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77696	04/09/24 16:00	SM	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-8 @ 0-1'
Lab Sample ID: 880-41930-23
Date Collected: 04/04/24 10:55
Matrix: Solid
Date Received: 04/08/24 11:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	77767	04/09/24 16:17	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	77807	04/11/24 00:12	SMC	EET MID

Client Sample ID: AH-8 @ 2'
Lab Sample ID: 880-41930-24
Date Collected: 04/04/24 10:58
Matrix: Solid
Date Received: 04/08/24 11:19

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	77767	04/09/24 16:17	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	77807	04/11/24 00:18	SMC	EET MID

Client Sample ID: AH-8 @ 3'R
Lab Sample ID: 880-41930-25
Date Collected: 04/04/24 11:01
Matrix: Solid
Date Received: 04/08/24 11:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	77767	04/09/24 16:17	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	77807	04/11/24 00:25	SMC	EET MID

Client Sample ID: AH-9 @ 0-1'
Lab Sample ID: 880-41930-26
Date Collected: 04/04/24 12:35
Matrix: Solid
Date Received: 04/08/24 11:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	77592	04/08/24 14:32	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77569	04/08/24 16:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77717	04/08/24 16:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			77755	04/09/24 16:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	77706	04/09/24 08:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77696	04/09/24 16:21	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	77767	04/09/24 16:17	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	77807	04/11/24 00:44	SMC	EET MID

Client Sample ID: AH-9 @ 2'
Lab Sample ID: 880-41930-27
Date Collected: 04/04/24 12:38
Matrix: Solid
Date Received: 04/08/24 11:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	77767	04/09/24 16:17	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	77807	04/11/24 00:50	SMC	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-9 @ 3'R

Lab Sample ID: 880-41930-28
Date Collected: 04/04/24 12:41
Matrix: Solid
Date Received: 04/08/24 11:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	77767	04/09/24 16:17	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	77807	04/11/24 00:56	SMC	EET MID

Client Sample ID: AH-10 @ 0-1'

Lab Sample ID: 880-41930-29
Date Collected: 04/04/24 13:00
Matrix: Solid
Date Received: 04/08/24 11:19

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	77592	04/08/24 14:32	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77569	04/08/24 16:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77717	04/08/24 16:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			77755	04/09/24 16:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	77706	04/09/24 08:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77696	04/09/24 16:43	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	77767	04/09/24 16:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77807	04/11/24 01:03	SMC	EET MID

Client Sample ID: AH-10 @ 2'R

Lab Sample ID: 880-41930-30
Date Collected: 04/04/24 13:03
Matrix: Solid
Date Received: 04/08/24 11:19

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	77767	04/09/24 16:17	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	77807	04/11/24 01:09	SMC	EET MID

Client Sample ID: AH-11 @ 0-1'

Lab Sample ID: 880-41930-31
Date Collected: 04/04/24 13:25
Matrix: Solid
Date Received: 04/08/24 11:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	77592	04/08/24 14:32	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77569	04/08/24 16:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77717	04/08/24 16:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			77755	04/09/24 17:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	77706	04/09/24 08:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77696	04/09/24 17:27	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	77767	04/09/24 16:17	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	77807	04/11/24 01:15	SMC	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-11 @ 2'R
Date Collected: 04/04/24 13:25
Date Received: 04/08/24 11:19

Lab Sample ID: 880-41930-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	77767	04/09/24 16:17	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	77807	04/11/24 01:34	SMC	EET MID

Client Sample ID: AH-12 @ 0-1'
Date Collected: 04/04/24 13:45
Date Received: 04/08/24 11:19

Lab Sample ID: 880-41930-33
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	77592	04/08/24 14:32	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77569	04/08/24 18:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77717	04/08/24 18:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			77755	04/09/24 17:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	77706	04/09/24 08:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77696	04/09/24 17:48	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	77767	04/09/24 16:17	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	77807	04/11/24 01:41	SMC	EET MID

Client Sample ID: AH-12 @ 2'
Date Collected: 04/04/24 13:48
Date Received: 04/08/24 11:19

Lab Sample ID: 880-41930-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	77767	04/09/24 16:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77807	04/11/24 01:59	SMC	EET MID

Client Sample ID: AH-12 @ 3'R
Date Collected: 04/04/24 13:51
Date Received: 04/08/24 11:19

Lab Sample ID: 880-41930-35
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	77767	04/09/24 16:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77807	04/11/24 02:06	SMC	EET MID

Client Sample ID: AH-13 @ 0-1'
Date Collected: 04/05/24 08:20
Date Received: 04/08/24 11:19

Lab Sample ID: 880-41930-36
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	77592	04/08/24 14:32	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77569	04/08/24 19:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77717	04/08/24 19:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			77755	04/09/24 18:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	77706	04/09/24 08:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77696	04/09/24 18:09	SM	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-13 @ 0-1'
Lab Sample ID: 880-41930-36
Date Collected: 04/05/24 08:20
Matrix: Solid
Date Received: 04/08/24 11:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	77767	04/09/24 16:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77807	04/11/24 02:12	SMC	EET MID

Client Sample ID: AH-13 @ 2'
Lab Sample ID: 880-41930-37
Date Collected: 04/05/24 08:23
Matrix: Solid
Date Received: 04/08/24 11:19

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	77767	04/09/24 16:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77807	04/11/24 02:18	SMC	EET MID

Client Sample ID: AH-13 @ 3'R
Lab Sample ID: 880-41930-38
Date Collected: 04/05/24 08:26
Matrix: Solid
Date Received: 04/08/24 11:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	77767	04/09/24 16:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77807	04/11/24 02:25	SMC	EET MID

Client Sample ID: AH-14 @ 0-1'
Lab Sample ID: 880-41930-39
Date Collected: 04/05/24 08:36
Matrix: Solid
Date Received: 04/08/24 11:19

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	77592	04/08/24 14:32	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77569	04/08/24 19:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77717	04/08/24 19:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			77755	04/09/24 18:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	77706	04/09/24 08:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77696	04/09/24 18:30	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	77767	04/09/24 16:17	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	77807	04/11/24 02:31	SMC	EET MID

Client Sample ID: AH-14 @ 2'
Lab Sample ID: 880-41930-40
Date Collected: 04/05/24 08:39
Matrix: Solid
Date Received: 04/08/24 11:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	77767	04/09/24 16:17	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	77807	04/11/24 02:37	SMC	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-14 @ 3'R

Lab Sample ID: 880-41930-41
Matrix: Solid
Date Collected: 04/05/24 08:42
Date Received: 04/08/24 11:19

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	77769	04/09/24 16:49	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77818	04/10/24 14:34	SMC	EET MID

Client Sample ID: AH-15 @ 0-1'

Lab Sample ID: 880-41930-42
Matrix: Solid
Date Collected: 04/05/24 08:50
Date Received: 04/08/24 11:19

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	77592	04/08/24 14:32	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77569	04/08/24 19:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77717	04/08/24 19:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			77755	04/09/24 18:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	77706	04/09/24 08:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77696	04/09/24 18:51	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	77769	04/09/24 16:49	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	77818	04/11/24 13:15	SMC	EET MID

Client Sample ID: AH-15 @ 2'R

Lab Sample ID: 880-41930-43
Matrix: Solid
Date Collected: 04/05/24 08:53
Date Received: 04/08/24 11:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	77769	04/09/24 16:49	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77818	04/10/24 14:53	SMC	EET MID

Client Sample ID: AH-16 @ 0-1'

Lab Sample ID: 880-41930-44
Matrix: Solid
Date Collected: 04/05/24 09:10
Date Received: 04/08/24 11:19

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	77592	04/08/24 14:32	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77569	04/08/24 20:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77717	04/08/24 20:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			77755	04/09/24 19:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	77706	04/09/24 08:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77696	04/09/24 19:12	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	77769	04/09/24 16:49	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	77818	04/10/24 14:58	SMC	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-16 @ 2'R

Lab Sample ID: 880-41930-45
Matrix: Solid
Date Collected: 04/05/24 09:13
Date Received: 04/08/24 11:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	77769	04/09/24 16:49	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77818	04/10/24 15:03	SMC	EET MID

Client Sample ID: AH-17 @ 0-1'

Lab Sample ID: 880-41930-46
Matrix: Solid
Date Collected: 04/05/24 09:30
Date Received: 04/08/24 11:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	77592	04/08/24 14:32	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77569	04/08/24 20:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77717	04/08/24 20:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			77755	04/09/24 19:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	77706	04/09/24 08:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77696	04/09/24 19:33	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	77769	04/09/24 16:49	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77818	04/10/24 15:17	SMC	EET MID

Client Sample ID: AH-17 @ 2'R

Lab Sample ID: 880-41930-47
Matrix: Solid
Date Collected: 04/05/24 09:33
Date Received: 04/08/24 11:19

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	77769	04/09/24 16:49	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77818	04/10/24 15:22	SMC	EET MID

Client Sample ID: AH-18 @ 0-1'

Lab Sample ID: 880-41930-48
Matrix: Solid
Date Collected: 04/05/24 09:50
Date Received: 04/08/24 11:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	77592	04/08/24 14:32	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77569	04/08/24 20:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77717	04/08/24 20:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			77755	04/08/24 21:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	77526	04/08/24 15:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77550	04/08/24 21:57	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	77769	04/09/24 16:49	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	77818	04/10/24 15:27	SMC	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-18 @ 2'

Lab Sample ID: 880-41930-49
Matrix: Solid
Date Collected: 04/05/24 09:53
Date Received: 04/08/24 11:19

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	77769	04/09/24 16:49	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77818	04/10/24 15:32	SMC	EET MID

Client Sample ID: AH-18 @ 3'R

Lab Sample ID: 880-41930-50
Matrix: Solid
Date Collected: 04/05/24 09:56
Date Received: 04/08/24 11:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	77769	04/09/24 16:49	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77818	04/10/24 15:37	SMC	EET MID

Client Sample ID: AH-19 @ 0-1'

Lab Sample ID: 880-41930-51
Matrix: Solid
Date Collected: 04/05/24 10:10
Date Received: 04/08/24 11:19

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	77592	04/08/24 14:32	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77569	04/08/24 21:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77717	04/08/24 21:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			77755	04/08/24 22:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	77526	04/08/24 15:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77550	04/08/24 22:18	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	77769	04/09/24 16:49	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	77818	04/10/24 15:41	SMC	EET MID

Client Sample ID: AH-19 @ 2'

Lab Sample ID: 880-41930-52
Matrix: Solid
Date Collected: 04/05/24 10:13
Date Received: 04/08/24 11:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	77769	04/09/24 16:49	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	77818	04/10/24 16:36	SMC	EET MID

Client Sample ID: AH-19 @ 3'R

Lab Sample ID: 880-41930-53
Matrix: Solid
Date Collected: 04/05/24 10:16
Date Received: 04/08/24 11:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	77769	04/09/24 16:49	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	77818	04/10/24 16:41	SMC	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-20 @ 0-1'
Date Collected: 04/05/24 10:30
Date Received: 04/08/24 11:19

Lab Sample ID: 880-41930-54
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	77592	04/08/24 14:32	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77569	04/08/24 21:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77717	04/08/24 21:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			77755	04/08/24 22:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	77526	04/08/24 15:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77550	04/08/24 22:39	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	77769	04/09/24 16:49	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	77818	04/10/24 16:55	SMC	EET MID

Client Sample ID: AH-20 @ 2'
Date Collected: 04/05/24 10:33
Date Received: 04/08/24 11:19

Lab Sample ID: 880-41930-55
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	77769	04/09/24 16:49	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77818	04/10/24 17:00	SMC	EET MID

Client Sample ID: AH-20 @ 3'R
Date Collected: 04/05/24 10:36
Date Received: 04/08/24 11:19

Lab Sample ID: 880-41930-56
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	77769	04/09/24 16:49	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77818	04/10/24 17:05	SMC	EET MID

Client Sample ID: AH-21 @ 0-1'
Date Collected: 04/05/24 11:00
Date Received: 04/08/24 11:19

Lab Sample ID: 880-41930-57
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	77592	04/08/24 14:32	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77569	04/08/24 21:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			77717	04/08/24 21:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			77755	04/08/24 23:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	77526	04/08/24 15:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77550	04/08/24 23:00	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	77769	04/09/24 16:49	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77818	04/10/24 17:10	SMC	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Client Sample ID: AH-21 @ 2'

Lab Sample ID: 880-41930-58
Matrix: Solid
Date Collected: 04/05/24 11:03
Date Received: 04/08/24 11:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	77769	04/09/24 16:49	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	77818	04/10/24 17:14	SMC	EET MID

Client Sample ID: AH-21 @ 3'R

Lab Sample ID: 880-41930-59
Matrix: Solid
Date Collected: 04/05/24 11:06
Date Received: 04/08/24 11:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	77769	04/09/24 16:49	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	77818	04/10/24 17:19	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

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	T104704400-23-26	06-30-24

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: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

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: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-41930-1	AH-1 @ 0-1'	Solid	04/04/24 07:15	04/08/24 11:19	0-1'
880-41930-2	AH-1 @ 2'	Solid	04/04/24 07:18	04/08/24 11:19	2'
880-41930-3	AH-1 @ 3'R	Solid	04/04/24 07:21	04/08/24 11:19	3'
880-41930-4	AH-2 @ 0-1'	Solid	04/04/24 07:45	04/08/24 11:19	0-1'
880-41930-5	AH-2 @ 2'	Solid	04/04/24 07:48	04/08/24 11:19	2'
880-41930-6	AH-2 @ 3'R	Solid	04/04/24 07:51	04/08/24 11:19	3'
880-41930-7	AH-3 @ 0-1'	Solid	04/04/24 08:25	04/08/24 11:19	0-1'
880-41930-8	AH-3 @ 2'	Solid	04/04/24 08:28	04/08/24 11:19	2'
880-41930-9	AH-3 @ 3'R	Solid	04/04/24 08:31	04/08/24 11:19	3'
880-41930-10	AH-4 @ 0-1'	Solid	04/04/24 08:45	04/08/24 11:19	0-1'
880-41930-11	AH-4 @ 2'	Solid	04/04/24 08:48	04/08/24 11:19	2'
880-41930-12	AH-4 @ 3'	Solid	04/04/24 08:51	04/08/24 11:19	3'
880-41930-13	AH-4 @ 4'R	Solid	04/04/24 08:54	04/08/24 11:19	4'
880-41930-14	AH-5 @ 0-1'	Solid	04/04/24 09:35	04/08/24 11:19	0-1'
880-41930-15	AH-5 @ 2'	Solid	04/04/24 09:38	04/08/24 11:19	2'
880-41930-16	AH-6 @ 0-1'	Solid	04/04/24 09:55	04/08/24 11:19	0-1'
880-41930-17	AH-6 @ 2'	Solid	04/04/24 09:58	04/08/24 11:19	2'
880-41930-18	AH-6 @ 3'	Solid	04/04/24 10:01	04/08/24 11:19	3'
880-41930-19	AH-6 @ 4'R	Solid	04/04/24 10:04	04/08/24 11:19	4'
880-41930-20	AH-7 @ 0-1'	Solid	04/04/24 10:25	04/08/24 11:19	0-1'
880-41930-21	AH-7 @ 2'	Solid	04/04/24 10:28	04/08/24 11:19	2'
880-41930-22	AH-7 @ 3'R	Solid	04/04/24 10:31	04/08/24 11:19	3'
880-41930-23	AH-8 @ 0-1'	Solid	04/04/24 10:55	04/08/24 11:19	0-1'
880-41930-24	AH-8 @ 2'	Solid	04/04/24 10:58	04/08/24 11:19	2'
880-41930-25	AH-8 @ 3'R	Solid	04/04/24 11:01	04/08/24 11:19	3'
880-41930-26	AH-9 @ 0-1'	Solid	04/04/24 12:35	04/08/24 11:19	0-1'
880-41930-27	AH-9 @ 2'	Solid	04/04/24 12:38	04/08/24 11:19	2'
880-41930-28	AH-9 @ 3'R	Solid	04/04/24 12:41	04/08/24 11:19	3'
880-41930-29	AH-10 @ 0-1'	Solid	04/04/24 13:00	04/08/24 11:19	0-1'
880-41930-30	AH-10 @ 2'R	Solid	04/04/24 13:03	04/08/24 11:19	2'
880-41930-31	AH-11 @ 0-1'	Solid	04/04/24 13:25	04/08/24 11:19	0-1'
880-41930-32	AH-11 @ 2'R	Solid	04/04/24 13:25	04/08/24 11:19	2'
880-41930-33	AH-12 @ 0-1'	Solid	04/04/24 13:45	04/08/24 11:19	0-1'
880-41930-34	AH-12 @ 2'	Solid	04/04/24 13:48	04/08/24 11:19	2'
880-41930-35	AH-12 @ 3'R	Solid	04/04/24 13:51	04/08/24 11:19	3'
880-41930-36	AH-13 @ 0-1'	Solid	04/05/24 08:20	04/08/24 11:19	0-1'
880-41930-37	AH-13 @ 2'	Solid	04/05/24 08:23	04/08/24 11:19	2'
880-41930-38	AH-13 @ 3'R	Solid	04/05/24 08:26	04/08/24 11:19	3'
880-41930-39	AH-14 @ 0-1'	Solid	04/05/24 08:36	04/08/24 11:19	0-1'
880-41930-40	AH-14 @ 2'	Solid	04/05/24 08:39	04/08/24 11:19	2'
880-41930-41	AH-14 @ 3'R	Solid	04/05/24 08:42	04/08/24 11:19	3'
880-41930-42	AH-15 @ 0-1'	Solid	04/05/24 08:50	04/08/24 11:19	0-1'
880-41930-43	AH-15 @ 2'R	Solid	04/05/24 08:53	04/08/24 11:19	2'
880-41930-44	AH-16 @ 0-1'	Solid	04/05/24 09:10	04/08/24 11:19	0-1'
880-41930-45	AH-16 @ 2'R	Solid	04/05/24 09:13	04/08/24 11:19	2'
880-41930-46	AH-17 @ 0-1'	Solid	04/05/24 09:30	04/08/24 11:19	0-1'
880-41930-47	AH-17 @ 2'R	Solid	04/05/24 09:33	04/08/24 11:19	2'
880-41930-48	AH-18 @ 0-1'	Solid	04/05/24 09:50	04/08/24 11:19	0-1'
880-41930-49	AH-18 @ 2'	Solid	04/05/24 09:53	04/08/24 11:19	2'
880-41930-50	AH-18 @ 3'R	Solid	04/05/24 09:56	04/08/24 11:19	3'
880-41930-51	AH-19 @ 0-1'	Solid	04/05/24 10:10	04/08/24 11:19	0-1'
880-41930-52	AH-19 @ 2'	Solid	04/05/24 10:13	04/08/24 11:19	2'
880-41930-53	AH-19 @ 3'R	Solid	04/05/24 10:16	04/08/24 11:19	3'
880-41930-54	AH-20 @ 0-1'	Solid	04/05/24 10:30	04/08/24 11:19	0-1'

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-41930-1
SDG: 596103

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-41930-55	AH-20 @ 2'	Solid	04/05/24 10:33	04/08/24 11:19	2'
880-41930-56	AH-20 @ 3'R	Solid	04/05/24 10:36	04/08/24 11:19	3'
880-41930-57	AH-21 @ 0-1'	Solid	04/05/24 11:00	04/08/24 11:19	0-1'
880-41930-58	AH-21 @ 2'	Solid	04/05/24 11:03	04/08/24 11:19	2'
880-41930-59	AH-21 @ 3'R	Solid	04/05/24 11:06	04/08/24 11:19	3'

Released to Imaging: 5/13/2025 2:19:41 PM
Received by OCD: 1/27/2025 4:59:55 PM

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Chain of Custody

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

880-41930 Chain of Custody

www.xenco.com Page 1 of

Project Manager:	Jared Stoffel	Bill to (if different)	
Company Name:	TRC Companies	Company Name:	
Address:	10 Desta Dr	Address:	
City, State ZIP	Midland, TX	City, State ZIP	
Phone:	432-238-3003	Email	jstoffel@trccompanies.com

Work Order Comments

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

Project Name:	Cotton Draw	Turn Around	
Project Number:	596103	☑ Routine ☐ Rush	
Project Location		Due Date.	
Sampler's Name	Emmie Schubert	TAT starts the day received by the lab if received by 4 30pm	
PO #:			

SAMPLE RECEIPT				
Temp Blank	Yes (No)	Wet Ice	(Yes) No	
Samples Received Intact:	(Yes) No	Thermometer ID	IR8	
Cooler Custody Seals.	Yes No N/A	Correction Factor:	-.10	
Sample Custody Seals	Yes No N/A	Temperature Reading	1.3	
Total Containers		Corrected Temperature	1.2	

ANALYSIS REQUEST

Preservative Codes

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

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Parameters: Chlorides E300	TPH 8015	BTEX 8021B	Sample Comments
AH-1 @ 0-1'	S	4/4/2024	0715	0-1'	Grab	1	X	X	X	
AH-1 @ 2'	S	4/4/2024	0718	2'	Grab	1	X			
AH-1 @ 3'R	S	4/4/2024	0721	3'	Grab	1	X			
AH-2 @ 0-1'	S	4/4/2024	0745	0-1'	Grab	1	X	X	X	
AH-2 @ 2'	S	4/4/2024	0748	2'	Grab	1	X			
AH-2 @ 3'R	S	4/4/2024	0751	3'	Grab	1	X			
AH-3 @ 0-1'	S	4/4/2024	0825	0-1'	Grab	1	X	X	X	
AH-3 @ 2'	S	4/4/2024	0828	2'	Grab	1	X			
AH-3 @ 3'R	S	4/4/2024	0831	3'	Grab	1	X			
AH-4 @ 0-1'	S	4/4/2024	0845	0-1'	Grab	1	X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		4/8/24 1119	2		
3			4		
0			6		

Revised Date: 08/25/2020 Rev 2020.2

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Hobbs NM (575) 392 7550 Carlsbad NM (575) 988-3199

Work Order No: 41930

www.xenco.com Page 2 of

Project Manager:	Jared Stoffel	Bill to (if different)	
Company Name:	TRC Companies	Company Name.	
Address	10 Desta Dr	Address	
City, State ZIP	Midland, TX	City, State ZIP	
Phone.	432-238-3003	Email	jstoffel@trccompanies com

Work Order Comments

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

Project Name	Cotton Draw	Turn Around	☑ Routine ☐ Rush
Project Number:	596103	Due Date	
Project Location		TAT starts the day received by the lab if received by 4 30pm	
Sampler's Name	Emmie Schubert		
PO #:			

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

Preservative Codes

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

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: Chlorides E300	TPH 8015	BTEX 8021B	Sample Comments
AH-4 @ 2'	S	4/4/2024	0848	2'	Grab	1		X			
AH-4 @ 3'	S	4/4/2024	0851	3'	Grab	1		X			
AH-4 @ 4'R	S	4/4/2024	0854	4'	Grab	1		X			
AH-5 @ 0-1'	S	4/4/2024	0935	0-1'	Grab	1		X	X	X	
AH-5 @ 2'R	S	4/4/2024	0938	2'	Grab	1		X			
AH-6 @ 0-1'	S	4/4/2024	0955	0-1'	Grab	1		X	X	X	
AH-6 @ 2'	S	4/4/2024	0958	2'	Grab	1		X			
AH-6 @ 3'	S	4/4/2024	1001	3'	Grab	1		X			
AH-6 @ 4'R	S	4/4/2024	1004	4'	Grab	1		X			
AH-7 @ 0-1'	S	4/4/2024	1025	0-1'	Grab	1		X	X	X	

Total 200.7 / 6010 200.8 / 6020 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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1		4/8/24 1119	2		
3			4		
0			6		

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Hobbs NM (575) 392-7550 Carlsbad NM (575) 988-3199

Work Order No: 41930

www.xenco.com Page 3 of

Project Manager	Jared Stoffel	Bill to (if different)	
Company Name	TRC Companies	Company Name	
Address	10 Desta Dr	Address	
City, State ZIP	Midland, TX	City, State ZIP	
Phone	432-238-3003	Email	jstoffel@trccompanies.com

Work Order Comments

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

Project Name	Cotton Draw	Turn Around	☐ Routine ☐ Rush
Project Number	596103	Due Date	
Project Location		TAT starts the day received by the lab if received by 4 30pm	
Sampler's Name	Emmie Schubert		
PO #			

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

Preservative Codes

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

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: Chlorides E300	TPH 8015	BTEX 8021B	Sample Comments
AH-7 @ 2'	S	4/4/2024	1028	2'	Grab	1		X			
AH-7 @ 3'R	S	4/4/2024	1031	3'	Grab	1		X			
AH-8 @ 0-1'	S	4/4/2024	1055	0-1'	Grab	1		X	X	X	
AH-8 @ 2'	S	4/4/2024	1058	2'	Grab	1		X			
AH-8 @ 3'R	S	4/4/2024	1101	3'	Grab	1		X			
AH-9 @ 0-1'	S	4/4/2024	1235	0-1'	Grab	1		X	X	X	
AH-9 @ 2'	S	4/4/2024	1238	2'	Grab	1		X			
AH-9 @ 3'R	S	4/4/2024	1241	3'	Grab	1		X			
AH-10 @ 0-1'	S	4/4/2024	1300	0-1'	Grab	1		X	X	X	
AH-10 @ 2'R	S	4/4/2024	1303	2'	Grab	1		X			

Total 200.7 / 6010 200.8 / 6020 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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Hobbs NM (575) 392-7550 Carlsbad NM (575) 988-3199

Work Order No: 41930

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Project Manager:	Jared Stoffel	Bill to (if different)	
Company Name:	TRC Companies	Company Name:	
Address	10 Desta Dr	Address	
City, State ZIP	Midland TX	City, State ZIP:	
Phone	432-238-3003	Email	jstoffel@trccompanies.com

Work Order Comments

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

Project Name	Cotton Draw	Turn Around	☑ Routine ☐ Rush
Project Number:	596103	Due Date	
Project Location		TAT starts the day received by the lab if received by 4 30pm	
Sampler's Name	Emmie Schubert		
PO #:			

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

Preservative Codes

None NO DI Water: H_2O
Cool Cool MeOH Me
HCL HC HNO_3 HN
H_2SO_4 H_2 NaOH Na
H_3PO_4 HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Chlorides E300	TPH 8015	BTEX 8021B	Sample Comments
AH-11 @ 0-1'	S	4/4/2024	1325	0-1'	Grab	1	X	X	X	
AH-11 @ 2'R	S	4/4/2024	1325	2'	Grab	1	X			
AH-12 @ 0-1'	S	4/4/2024	1345	0-1'	Grab	1	X	X	X	
AH-12 @ 2'	S	4/4/2024	1348	2'	Grab	1	X			
AH-12 @ 3'R	S	4/4/2024	1351	3'	Grab	1	X			
AH-13 @ 0-1'	S	4/5/2024	0820	0-1'	Grab	1	X	X	X	
AH-13 @ 2'	S	4/5/2024	0823	2'	Grab	1	X			
AH-13 @ 3'R	S	4/5/2024	0826	3'	Grab	1	X			
AH-14 @ 0-1'	S	4/5/2024	0836	0-1'	Grab	1	X	X	X	
AH-14 @ 2'	S	4/5/2024	0839	2'	Grab	1	X			

Total 200.7 / 6010 200.8 / 6020. 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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3			4		
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Work Order No: 419230

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Project Manager:	Jared Stoffel	Bill to (if different)	
Company Name:	TRC Companies	Company Name	
Address	10 Desta Dr	Address.	
City, State ZIP	Midland, TX	City, State ZIP	
Phone	432-238-3003	Email	jstoffel@trccompanies.com

Work Order Comments

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

Project Name	Cotton Draw	Turn Around	
Project Number:	596103	☑ Routine ☐ Rush	
Project Location.		Due Date.	
Sampler's Name	Emmie Schubert	TAT starts the day received by the lab if received by 4 30pm	
PO #:			

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

Preservative Codes

None NO DI Water H_2O
Cool Cool MeOH Me
HCL HC HNO_3 HN
H_2SO_4 H_2 NaOH Na
H_3PO_4 HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: Chlorides E300	TPH 8015	BTEX 8021B	Sample Comments
AH-14 @ 3'R	S	4/5/2024	0842	3'	Grab	1		X			
AH-15 @ 0-1'	S	4/5/2024	0850	0-1'	Grab	1		X	X	X	
AH-15 @ 2'R	S	4/5/2024	0853	2'	Grab	1		X			
AH-16 @ 0-1'	S	4/5/2024	0910	0-1'	Grab	1		X	X	X	
AH-16 @ 2'R	S	4/5/2024	0913	2'	Grab	1		X			
AH-17 @ 0-1'	S	4/5/2024	0930	0-1'	Grab	1		X	X	X	
AH-17 @ 2'R	S	4/5/2024	0933	2'	Grab	1		X			
AH-18 @ 0-1'	S	4/5/2024	0950	0-1'	Grab	1		X	X	X	
AH-18 @ 2'	S	4/5/2024	0953	2'	Grab	1		X			
AH-18 @ 3'R	S	4/5/2024	0956	3'	Grab	1		X			

Total 200.7 / 6010 200.8 / 6020. 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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1		4/8/24	2		
3		1119	4		
0			6		

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Hobbs NM (575) 392-7550 Carlsbad NM (575) 988-3199

Loc: 880
Work Order No: 41930

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Project Manager	Jared Stoffel	Bill to (if different)	
Company Name:	TRC Companies	Company Name.	
Address	10 Desta Dr	Address.	
City, State ZIP	Midland, TX	City, State ZIP	
Phone.	432-238-3003	Email	jstoffel@trccompanies.com

Work Order Comments

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

Project Name	Cotton Draw	Turn Around	☑ Routine ☐ Rush
Project Number	596103	Due Date	
Project Location		TAT starts the day received by the lab if received by 4 30pm	
Sampler's Name.	Emmie Schubert		
PO #.			

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

Preservative Codes

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

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: Chlorides E300	TPH 8015	BTEX 8021B	Sample Comments
AH-19 @ 0-1'	S	4/5/2024	1010	0-1'	Grab	1		X	X	X	
AH-19 @ 2'	S	4/5/2024	1013	2'	Grab	1		X			
AH-19 @ 3'R	S	4/5/2024	1016	3'	Grab	1		X			
AH-20 @ 0-1'	S	4/5/2024	1030	0-1'	Grab	1		X	X	X	
AH-20 @ 2'	S	4/5/2024	1033	2'	Grab	1		X			
AH-20 @ 3'R	S	4/5/2024	1036	3'	Grab	1		X			
AH-21 @ 0-1'	S	4/5/2024	1100	0-1'	Grab	1		X	X	X	
AH-21 @ 2'	S	4/5/2024	1103	2'	Grab	1		X			
AH-21 @ 3'R	S	4/5/2024	1106	3'	Grab	1		X			

Total 200.7 / 6010 200.8 / 6020. 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1		4/8/24	2		
3		1119	4		
0			6		

Revised Date: 08/25/2020 Rev 2020.2

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-41930-1
SDG Number: 596103

Login Number: 41930
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel
TRC Solutions, Inc.
10 Desta Drive
Suite #130E
Midland, Texas 79705

Generated 4/16/2024 9:13:30 AM

JOB DESCRIPTION

Cotton Draw
596103

JOB NUMBER

880-42196-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 5/13/2025 2:19:41 PM

Eurofins Midland

Job Notes

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

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

Authorization

Generated
4/16/2024 9:13:30 AM

Authorized for release by
Jessica Kramer, Project Manager
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Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Laboratory Job ID: 880-42196-1
SDG: 596103

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Definitions/Glossary

Client: TRC Solutions, Inc. Job ID: 880-42196-1
Project/Site: Cotton Draw SDG: 596103

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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.

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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: TRC Solutions, Inc.
Project: Cotton Draw

Job ID: 880-42196-1

Job ID: 880-42196-1 Eurofins Midland

Job Narrative
880-42196-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt
The sample was received on 4/12/2024 2:25 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.9°C.

Receipt Exceptions
The following sample was received and analyzed from an unpreserved bulk soil jar: E-19 (880-42196-1).

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

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-42201-A-1-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-78088 and analytical batch 880-78108 was outside control limits. Sample non-homogeneity is suspected.

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

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42196-1
SDG: 596103

Client Sample ID: E-19

Date Collected: 04/05/24 10:00
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42196-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/12/24 15:02	04/12/24 23:46	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/12/24 15:02	04/12/24 23:46	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/12/24 15:02	04/12/24 23:46	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/12/24 15:02	04/12/24 23:46	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/12/24 15:02	04/12/24 23:46	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/12/24 15:02	04/12/24 23:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 15:02*	*04/12/24 23:46*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 15:02*	*04/12/24 23:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/12/24 23:46	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/13/24 23:34	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/12/24 15:53	04/13/24 23:34	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/12/24 15:53	04/13/24 23:34	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/12/24 15:53	04/13/24 23:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*04/12/24 15:53*	*04/13/24 23:34*	*1*
o-Terphenyl	*112*		*70 - 130*	*04/12/24 15:53*	*04/13/24 23:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**271**		5.03		mg/Kg			04/12/24 20:22	1

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42196-1
SDG: 596103

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-42196-1	E-19	116	101
880-42196-1 MS	E-19	113	101
880-42196-1 MSD	E-19	116	101
LCS 880-78080/1-A	Lab Control Sample	109	99
LCSD 880-78080/2-A	Lab Control Sample Dup	109	99
MB 880-78014/5-A	Method Blank	116	101
MB 880-78080/5-A	Method Blank	116	101

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)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-42196-1	E-19	112	112
880-42201-A-1-D MS	Matrix Spike	111	104
880-42201-A-1-E MSD	Matrix Spike Duplicate	145 S1+	140 S1+
LCS 880-78088/2-A	Lab Control Sample	92	104
LCSD 880-78088/3-A	Lab Control Sample Dup	77	85
MB 880-78088/1-A	Method Blank	107	107

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42196-1
SDG: 596103

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-78014/5-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78014

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 10:02	04/12/24 12:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 10:02*	*04/12/24 12:39*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 10:02*	*04/12/24 12:39*	*1*

Lab Sample ID: MB 880-78080/5-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78080

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 15:02	04/12/24 23:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 15:02*	*04/12/24 23:25*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 15:02*	*04/12/24 23:25*	*1*

Lab Sample ID: LCS 880-78080/1-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78080

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1054		mg/Kg		105	70 - 130		
Toluene			0.100	0.1063		mg/Kg		106	70 - 130		
Ethylbenzene			0.100	0.1020		mg/Kg		102	70 - 130		
m-Xylene & p-Xylene			0.200	0.2068		mg/Kg		103	70 - 130		
o-Xylene			0.100	0.1026		mg/Kg		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-78080/2-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78080

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1100		mg/Kg		110	70 - 130	4	35

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42196-1
SDG: 596103

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

Lab Sample ID: LCSD 880-78080/2-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78080

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1106		mg/Kg		111	70 - 130	4	35
Ethylbenzene			0.100	0.1073		mg/Kg		107	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.2180		mg/Kg		109	70 - 130	5	35
o-Xylene			0.100	0.1074		mg/Kg		107	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-42196-1 MS
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: E-19
Prep Type: Total/NA
Prep Batch: 78080

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0996	0.09973		mg/Kg		100	70 - 130
Toluene	<0.00198	U	0.0996	0.09688		mg/Kg		97	70 - 130
Ethylbenzene	<0.00198	U	0.0996	0.08752		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.199	0.1742		mg/Kg		87	70 - 130
o-Xylene	<0.00198	U	0.0996	0.08678		mg/Kg		87	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-42196-1 MSD
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: E-19
Prep Type: Total/NA
Prep Batch: 78080

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.101	0.1086		mg/Kg		108	70 - 130	8	35
Toluene	<0.00198	U	0.101	0.1051		mg/Kg		104	70 - 130	8	35
Ethylbenzene	<0.00198	U	0.101	0.09284		mg/Kg		92	70 - 130	6	35
m-Xylene & p-Xylene	<0.00396	U	0.202	0.1854		mg/Kg		92	70 - 130	6	35
o-Xylene	<0.00198	U	0.101	0.09280		mg/Kg		92	70 - 130	7	35

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

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

Lab Sample ID: MB 880-78088/1-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78088

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42196-1
SDG: 596103

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

Lab Sample ID: MB 880-78088/1-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78088

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*04/12/24 15:53*	*04/13/24 19:22*	*1*
o-Terphenyl	*107*		*70 - 130*	*04/12/24 15:53*	*04/13/24 19:22*	*1*

Lab Sample ID: LCS 880-78088/2-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78088

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1018		mg/Kg		102	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1100		mg/Kg		110	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*92*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

Lab Sample ID: LCSD 880-78088/3-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78088

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	893.8		mg/Kg		89	70 - 130	13	20
Diesel Range Organics (Over C10-C28)			1000	937.2		mg/Kg		94	70 - 130	16	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*77*		*70 - 130*
o-Terphenyl	*85*		*70 - 130*

Lab Sample ID: 880-42201-A-1-D MS
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 78088

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	1010	887.8		mg/Kg		84	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.4	U F2	1010	827.4		mg/Kg		80	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*111*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42196-1
SDG: 596103

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

Lab Sample ID: 880-42201-A-1-E MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 78108 — **Prep Batch: 78088**

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	<50.4	U	1010	988.8		mg/Kg		94	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<50.4	U F2	1010	1134	F2	mg/Kg		110	70 - 130	31	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*145*	*S1+*	*70 - 130*
o-Terphenyl	*140*	*S1+*	*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-78082/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/12/24 20:08	1

Lab Sample ID: LCS 880-78082/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	266.5		mg/Kg		107	90 - 110		

Lab Sample ID: LCSD 880-78082/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	266.3		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 880-42196-1 MS — **Client Sample ID: E-19**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	271		252	541.5		mg/Kg		108	90 - 110		

Lab Sample ID: 880-42196-1 MSD — **Client Sample ID: E-19**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	271		252	541.2		mg/Kg		108	90 - 110	0	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42196-1
SDG: 596103

GC VOA

Analysis Batch: 77984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42196-1	E-19	Total/NA	Solid	8021B	78080
MB 880-78014/5-A	Method Blank	Total/NA	Solid	8021B	78014
MB 880-78080/5-A	Method Blank	Total/NA	Solid	8021B	78080
LCS 880-78080/1-A	Lab Control Sample	Total/NA	Solid	8021B	78080
LCSD 880-78080/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	78080
880-42196-1 MS	E-19	Total/NA	Solid	8021B	78080
880-42196-1 MSD	E-19	Total/NA	Solid	8021B	78080

Prep Batch: 78014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-78014/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 78080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42196-1	E-19	Total/NA	Solid	5035	
MB 880-78080/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-78080/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-78080/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-42196-1 MS	E-19	Total/NA	Solid	5035	
880-42196-1 MSD	E-19	Total/NA	Solid	5035	

Analysis Batch: 78181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42196-1	E-19	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 78088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42196-1	E-19	Total/NA	Solid	8015NM Prep	
MB 880-78088/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-78088/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-78088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-42201-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-42201-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 78108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42196-1	E-19	Total/NA	Solid	8015B NM	78088
MB 880-78088/1-A	Method Blank	Total/NA	Solid	8015B NM	78088
LCS 880-78088/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	78088
LCSD 880-78088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	78088
880-42201-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	78088
880-42201-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	78088

Analysis Batch: 78227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42196-1	E-19	Total/NA	Solid	8015 NM	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42196-1
SDG: 596103

HPLC/IC

Leach Batch: 78082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42196-1	E-19	Soluble	Solid	DI Leach	
MB 880-78082/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-78082/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-78082/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-42196-1 MS	E-19	Soluble	Solid	DI Leach	
880-42196-1 MSD	E-19	Soluble	Solid	DI Leach	

Analysis Batch: 78099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42196-1	E-19	Soluble	Solid	300.0	78082
MB 880-78082/1-A	Method Blank	Soluble	Solid	300.0	78082
LCS 880-78082/2-A	Lab Control Sample	Soluble	Solid	300.0	78082
LCSD 880-78082/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	78082
880-42196-1 MS	E-19	Soluble	Solid	300.0	78082
880-42196-1 MSD	E-19	Soluble	Solid	300.0	78082

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42196-1
SDG: 596103

Client Sample ID: E-19

Date Collected: 04/05/24 10:00
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42196-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	78080	04/12/24 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77984	04/12/24 23:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78181	04/12/24 23:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			78227	04/13/24 23:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	78088	04/12/24 15:53	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78108	04/13/24 23:34	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	78082	04/12/24 15:33	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78099	04/12/24 20:22	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42196-1
SDG: 596103

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	T104704400-23-26	06-30-24

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: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42196-1
SDG: 596103

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: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42196-1
SDG: 596103

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-42196-1	E-19	Solid	04/05/24 10:00	04/12/24 14:25

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Chain of Custody

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

880-42196 Chain of Custody

www.xenco.com Page 1 of 1

Project Manager	Jared Stoffel	Bill to (if different)	
Company Name	TRC Companies	Company Name	
Address	10 Desta Dr	Address	
City, State ZIP	Midland, TX	City, State ZIP	
Phone	432-238-3003	Email	jstoffel@trccompanies.com

Work Order Comments

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

Project Name	Cotton Draw	Turn Around	☑ Routine ☐ Rush
Project Number	596103	Due Date	24 hr
Project Location		TAT starts the day received by the lab if received by 4 30pm	
Sampler's Name	Emmie Schubert		
PO #			

SAMPLE RECEIPT			
Temp Blank	Yes No	Wet Ice	Yes No
Samples Received Intact:	Yes No	Thermometer ID	IR8
Cooler Custody Seals	Yes No N/A	Correction Factor	-.10
Sample Custody Seals	Yes No N/A	Temperature Reading	3.0
Total Containers		Corrected Temperature	2.9

Preservative Codes

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

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Chlorides E300	TPH 8015	BTEX 8021B	Sample Comments
E-19	Soil	4/5/2024	1000	-	Grab	1	X	X	X	

Total 200.7 / 6010 200.8 / 6020 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1		4/12/24 1425	2		
3			4		
0			6		

Revised Date: 08/25/2020 Rev 2020.2

Received by OCD: 1/27/2025 4:59:55 PM

Released to Imaging: 5/13/2025 2:19:41 PM

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-42196-1
SDG Number: 596103

Login Number: 42196
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel
TRC Solutions, Inc.
10 Desta Drive
Suite #130E
Midland, Texas 79705

Generated 4/16/2024 9:14:07 AM

JOB DESCRIPTION

Cotton Draw
596103

JOB NUMBER

880-42198-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 5/13/2025 2:19:41 PM

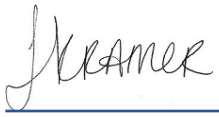
Eurofins Midland

Job Notes

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

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

Authorization



Generated
4/16/2024 9:14:07 AM

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

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Laboratory Job ID: 880-42198-1
SDG: 596103

Table of Contents

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Definitions/Glossary

Client: TRC Solutions, Inc. Job ID: 880-42198-1
Project/Site: Cotton Draw SDG: 596103

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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.

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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: TRC Solutions, Inc.
Project: Cotton Draw

Job ID: 880-42198-1

Job ID: 880-42198-1 Eurofins Midland

Job Narrative
880-42198-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt
The sample was received on 4/12/2024 2:25 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.9°C.

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

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-42201-A-1-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-78088 and analytical batch 880-78108 was outside control limits. Sample non-homogeneity is suspected.

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

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42198-1
SDG: 596103

Client Sample ID: E-18

Date Collected: 04/05/24 09:40
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42198-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/12/24 15:02	04/13/24 00:07	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/12/24 15:02	04/13/24 00:07	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/12/24 15:02	04/13/24 00:07	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/12/24 15:02	04/13/24 00:07	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/12/24 15:02	04/13/24 00:07	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/12/24 15:02	04/13/24 00:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*04/12/24 15:02*	*04/13/24 00:07*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/12/24 15:02*	*04/13/24 00:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/13/24 00:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**63.0**		50.4		mg/Kg			04/13/24 23:55	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		04/12/24 15:53	04/13/24 23:55	1
Diesel Range Organics (Over C10-C28)	**63.0**		50.4		mg/Kg		04/12/24 15:53	04/13/24 23:55	1
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/12/24 15:53	04/13/24 23:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*04/12/24 15:53*	*04/13/24 23:55*	*1*
o-Terphenyl	*107*		*70 - 130*	*04/12/24 15:53*	*04/13/24 23:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**556**		5.04		mg/Kg			04/12/24 20:41	1

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42198-1
SDG: 596103

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)										
880-42196-A-1-A MS	Matrix Spike	113	101										
880-42196-A-1-B MSD	Matrix Spike Duplicate	116	101										
880-42198-1	E-18	120	102										
LCS 880-78080/1-A	Lab Control Sample	109	99										
LCSD 880-78080/2-A	Lab Control Sample Dup	109	99										
MB 880-78014/5-A	Method Blank	116	101										
MB 880-78080/5-A	Method Blank	116	101										

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)										
880-42198-1	E-18	105	107										
880-42201-A-1-D MS	Matrix Spike	111	104										
880-42201-A-1-E MSD	Matrix Spike Duplicate	145 S1+	140 S1+										
LCS 880-78088/2-A	Lab Control Sample	92	104										
LCSD 880-78088/3-A	Lab Control Sample Dup	77	85										
MB 880-78088/1-A	Method Blank	107	107										

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42198-1
SDG: 596103

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-78014/5-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78014

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 10:02	04/12/24 12:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 10:02*	*04/12/24 12:39*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 10:02*	*04/12/24 12:39*	*1*

Lab Sample ID: MB 880-78080/5-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78080

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 15:02	04/12/24 23:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 15:02*	*04/12/24 23:25*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 15:02*	*04/12/24 23:25*	*1*

Lab Sample ID: LCS 880-78080/1-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78080

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1054		mg/Kg		105	70 - 130		
Toluene			0.100	0.1063		mg/Kg		106	70 - 130		
Ethylbenzene			0.100	0.1020		mg/Kg		102	70 - 130		
m-Xylene & p-Xylene			0.200	0.2068		mg/Kg		103	70 - 130		
o-Xylene			0.100	0.1026		mg/Kg		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-78080/2-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78080

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1100		mg/Kg		110	70 - 130	4	35

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42198-1
SDG: 596103

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

Lab Sample ID: LCSD 880-78080/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1106		mg/Kg		111	70 - 130	4	35
Ethylbenzene			0.100	0.1073		mg/Kg		107	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.2180		mg/Kg		109	70 - 130	5	35
o-Xylene			0.100	0.1074		mg/Kg		107	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-42196-A-1-A MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0996	0.09973		mg/Kg		100	70 - 130
Toluene	<0.00198	U	0.0996	0.09688		mg/Kg		97	70 - 130
Ethylbenzene	<0.00198	U	0.0996	0.08752		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.199	0.1742		mg/Kg		87	70 - 130
o-Xylene	<0.00198	U	0.0996	0.08678		mg/Kg		87	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-42196-A-1-B MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.101	0.1086		mg/Kg		108	70 - 130	8	35
Toluene	<0.00198	U	0.101	0.1051		mg/Kg		104	70 - 130	8	35
Ethylbenzene	<0.00198	U	0.101	0.09284		mg/Kg		92	70 - 130	6	35
m-Xylene & p-Xylene	<0.00396	U	0.202	0.1854		mg/Kg		92	70 - 130	6	35
o-Xylene	<0.00198	U	0.101	0.09280		mg/Kg		92	70 - 130	7	35

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

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

Lab Sample ID: MB 880-78088/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 78108 — **Prep Batch: 78088**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42198-1
SDG: 596103

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

Lab Sample ID: MB 880-78088/1-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78088

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*04/12/24 15:53*	*04/13/24 19:22*	*1*
o-Terphenyl	*107*		*70 - 130*	*04/12/24 15:53*	*04/13/24 19:22*	*1*

Lab Sample ID: LCS 880-78088/2-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78088

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1018		mg/Kg		102	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1100		mg/Kg		110	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*92*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

Lab Sample ID: LCSD 880-78088/3-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78088

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	893.8		mg/Kg		89	70 - 130	13	20
Diesel Range Organics (Over C10-C28)			1000	937.2		mg/Kg		94	70 - 130	16	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*77*		*70 - 130*
o-Terphenyl	*85*		*70 - 130*

Lab Sample ID: 880-42201-A-1-D MS
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 78088

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	1010	887.8		mg/Kg		84	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.4	U F2	1010	827.4		mg/Kg		80	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*111*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42198-1
SDG: 596103

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

Lab Sample ID: 880-42201-A-1-E MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 78108 — **Prep Batch: 78088**

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	<50.4	U	1010	988.8		mg/Kg		94	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<50.4	U F2	1010	1134	F2	mg/Kg		110	70 - 130	31	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*145*	*S1+*	*70 - 130*
o-Terphenyl	*140*	*S1+*	*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-78082/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/12/24 20:08	1

Lab Sample ID: LCS 880-78082/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	266.5		mg/Kg		107	90 - 110		

Lab Sample ID: LCSD 880-78082/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	266.3		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 880-42196-A-1-E MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	271		252	541.5		mg/Kg		108	90 - 110		

Lab Sample ID: 880-42196-A-1-F MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	271		252	541.2		mg/Kg		108	90 - 110	0	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42198-1
SDG: 596103

GC VOA

Analysis Batch: 77984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42198-1	E-18	Total/NA	Solid	8021B	78080
MB 880-78014/5-A	Method Blank	Total/NA	Solid	8021B	78014
MB 880-78080/5-A	Method Blank	Total/NA	Solid	8021B	78080
LCS 880-78080/1-A	Lab Control Sample	Total/NA	Solid	8021B	78080
LCSD 880-78080/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	78080
880-42196-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	78080
880-42196-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	78080

Prep Batch: 78014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-78014/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 78080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42198-1	E-18	Total/NA	Solid	5035	
MB 880-78080/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-78080/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-78080/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-42196-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-42196-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 78182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42198-1	E-18	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 78088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42198-1	E-18	Total/NA	Solid	8015NM Prep	
MB 880-78088/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-78088/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-78088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-42201-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-42201-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 78108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42198-1	E-18	Total/NA	Solid	8015B NM	78088
MB 880-78088/1-A	Method Blank	Total/NA	Solid	8015B NM	78088
LCS 880-78088/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	78088
LCSD 880-78088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	78088
880-42201-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	78088
880-42201-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	78088

Analysis Batch: 78228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42198-1	E-18	Total/NA	Solid	8015 NM	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42198-1
SDG: 596103

HPLC/IC

Leach Batch: 78082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42198-1	E-18	Soluble	Solid	DI Leach	
MB 880-78082/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-78082/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-78082/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-42196-A-1-E MS	Matrix Spike	Soluble	Solid	DI Leach	
880-42196-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 78099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42198-1	E-18	Soluble	Solid	300.0	78082
MB 880-78082/1-A	Method Blank	Soluble	Solid	300.0	78082
LCS 880-78082/2-A	Lab Control Sample	Soluble	Solid	300.0	78082
LCSD 880-78082/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	78082
880-42196-A-1-E MS	Matrix Spike	Soluble	Solid	300.0	78082
880-42196-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	78082

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42198-1
SDG: 596103

Client Sample ID: E-18

Date Collected: 04/05/24 09:40
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42198-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	78080	04/12/24 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77984	04/13/24 00:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78182	04/13/24 00:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			78228	04/13/24 23:55	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	78088	04/12/24 15:53	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78108	04/13/24 23:55	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	78082	04/12/24 15:33	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78099	04/12/24 20:41	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42198-1
SDG: 596103

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	T104704400-23-26	06-30-24

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: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42198-1
SDG: 596103

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: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42198-1
SDG: 596103

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-42198-1	E-18	Solid	04/05/24 09:40	04/12/24 14:25

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Chain of Custody

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

880-42198 Chain of Custody

www.xenco.com Page 1 of 1

Project Manager	Jared Stoffel	Bill to (if different)	
Company Name	TRC Companies	Company Name	
Address	10 Desta Dr	Address	
City, State ZIP	Midland, TX	City State ZIP	
Phone	432-238-3003	Email	jstoffel@trccompanies.com

Work Order Comments

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

Project Name	Cotton Draw	Turn Around	
Project Number	596103	☐ Routine ☐ Rush	
Project Location		Due Date	24 hr
Sampler's Name	Emmie Schubert	TAT starts the day received by the lab if received by 4 30pm	
PO #			

SAMPLE RECEIPT			
Temp Blank	Yes (No)	Wet Ice	(Yes) No
Samples Received Intact	(Yes) No	Thermometer ID	IR8
Cooler Custody Seals	Yes No (N/A)	Correction Factor	-.10
Sample Custody Seals	Yes No (N/A)	Temperature Reading	3.0
Total Containers		Corrected Temperature	2.9

Preservative Codes

None NO DI Water H_2O
Cool Cool MeOH Me
HCL HC HNO_3 HN
H_2SO_4 H_2 NaOH Na
H_3PO_4 HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Parameters: Chlorides E300	TPH 8015	BTEX 8021B	Sample Comments
E-18	Soil	4/5/2024	0940	-	Grab	1	X	X	X	

Total 200.7 / 6010 200.8 / 6020 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1		4/12/24 1425	2		
3			4		
0			6		

Revised Date: 08/25/2020 Rev 2020.2

Received by OCD: 1/27/2025 4:59:55 PM
Released to Imaging: 5/13/2025 2:19:41 PM

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-42198-1
SDG Number: 596103

Login Number: 42198
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel
TRC Solutions, Inc.
10 Desta Drive
Suite #130E
Midland, Texas 79705

Generated 4/16/2024 9:15:06 AM

JOB DESCRIPTION

Cotton Draw
596103

JOB NUMBER

880-42199-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 5/13/2025 2:19:41 PM

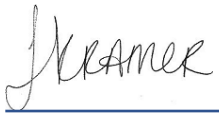
Eurofins Midland

Job Notes

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

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

Authorization



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Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Laboratory Job ID: 880-42199-1
SDG: 596103

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Definitions/Glossary

Client: TRC Solutions, Inc. Job ID: 880-42199-1
Project/Site: Cotton Draw SDG: 596103

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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.

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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: TRC Solutions, Inc.
Project: Cotton Draw

Job ID: 880-42199-1

Job ID: 880-42199-1 Eurofins Midland

Job Narrative
880-42199-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt
The sample was received on 4/12/2024 2:25 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.9°C.

Receipt Exceptions
The following sample was received and analyzed from an unpreserved bulk soil jar: E-17 (880-42199-1).

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

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-42201-A-1-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-78088 and analytical batch 880-78108 was outside control limits. Sample non-homogeneity is suspected.

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

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42199-1
SDG: 596103

Client Sample ID: E-17

Date Collected: 04/05/24 09:20
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42199-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/12/24 15:02	04/13/24 00:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/12/24 15:02	04/13/24 00:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/12/24 15:02	04/13/24 00:27	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/12/24 15:02	04/13/24 00:27	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/12/24 15:02	04/13/24 00:27	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/12/24 15:02	04/13/24 00:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 15:02*	*04/13/24 00:27*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/12/24 15:02*	*04/13/24 00:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/13/24 00:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**63.6**		50.3		mg/Kg			04/14/24 00:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		04/12/24 15:53	04/14/24 00:16	1
Diesel Range Organics (Over C10-C28)	**63.6**		50.3		mg/Kg		04/12/24 15:53	04/14/24 00:16	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/12/24 15:53	04/14/24 00:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*123*		*70 - 130*	*04/12/24 15:53*	*04/14/24 00:16*	*1*
o-Terphenyl	*123*		*70 - 130*	*04/12/24 15:53*	*04/14/24 00:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**70.7**		5.04		mg/Kg			04/12/24 20:46	1

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42199-1
SDG: 596103

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-42196-A-1-A MS	Matrix Spike	113	101
880-42196-A-1-B MSD	Matrix Spike Duplicate	116	101
880-42199-1	E-17	116	102
LCS 880-78080/1-A	Lab Control Sample	109	99
LCSD 880-78080/2-A	Lab Control Sample Dup	109	99
MB 880-78014/5-A	Method Blank	116	101
MB 880-78080/5-A	Method Blank	116	101

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)
880-42199-1	E-17	123	123
880-42201-A-1-D MS	Matrix Spike	111	104
880-42201-A-1-E MSD	Matrix Spike Duplicate	145 S1+	140 S1+
LCS 880-78088/2-A	Lab Control Sample	92	104
LCSD 880-78088/3-A	Lab Control Sample Dup	77	85
MB 880-78088/1-A	Method Blank	107	107

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42199-1
SDG: 596103

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-78014/5-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78014

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 10:02	04/12/24 12:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 10:02*	*04/12/24 12:39*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 10:02*	*04/12/24 12:39*	*1*

Lab Sample ID: MB 880-78080/5-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78080

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 15:02	04/12/24 23:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 15:02*	*04/12/24 23:25*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 15:02*	*04/12/24 23:25*	*1*

Lab Sample ID: LCS 880-78080/1-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78080

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1054		mg/Kg		105	70 - 130		
Toluene			0.100	0.1063		mg/Kg		106	70 - 130		
Ethylbenzene			0.100	0.1020		mg/Kg		102	70 - 130		
m-Xylene & p-Xylene			0.200	0.2068		mg/Kg		103	70 - 130		
o-Xylene			0.100	0.1026		mg/Kg		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-78080/2-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78080

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1100		mg/Kg		110	70 - 130	4	35

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42199-1
SDG: 596103

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

Lab Sample ID: LCSD 880-78080/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1106		mg/Kg		111	70 - 130	4	35
Ethylbenzene			0.100	0.1073		mg/Kg		107	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.2180		mg/Kg		109	70 - 130	5	35
o-Xylene			0.100	0.1074		mg/Kg		107	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-42196-A-1-A MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0996	0.09973		mg/Kg		100	70 - 130
Toluene	<0.00198	U	0.0996	0.09688		mg/Kg		97	70 - 130
Ethylbenzene	<0.00198	U	0.0996	0.08752		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.199	0.1742		mg/Kg		87	70 - 130
o-Xylene	<0.00198	U	0.0996	0.08678		mg/Kg		87	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-42196-A-1-B MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.101	0.1086		mg/Kg		108	70 - 130	8	35
Toluene	<0.00198	U	0.101	0.1051		mg/Kg		104	70 - 130	8	35
Ethylbenzene	<0.00198	U	0.101	0.09284		mg/Kg		92	70 - 130	6	35
m-Xylene & p-Xylene	<0.00396	U	0.202	0.1854		mg/Kg		92	70 - 130	6	35
o-Xylene	<0.00198	U	0.101	0.09280		mg/Kg		92	70 - 130	7	35

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

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

Lab Sample ID: MB 880-78088/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 78108 — **Prep Batch: 78088**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42199-1
SDG: 596103

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

Lab Sample ID: MB 880-78088/1-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78088

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*04/12/24 15:53*	*04/13/24 19:22*	*1*
o-Terphenyl	*107*		*70 - 130*	*04/12/24 15:53*	*04/13/24 19:22*	*1*

Lab Sample ID: LCS 880-78088/2-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78088

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1018		mg/Kg		102	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1100		mg/Kg		110	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*92*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

Lab Sample ID: LCSD 880-78088/3-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78088

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	893.8		mg/Kg		89	70 - 130	13	20
Diesel Range Organics (Over C10-C28)			1000	937.2		mg/Kg		94	70 - 130	16	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*77*		*70 - 130*
o-Terphenyl	*85*		*70 - 130*

Lab Sample ID: 880-42201-A-1-D MS
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 78088

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	1010	887.8		mg/Kg		84	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.4	U F2	1010	827.4		mg/Kg		80	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*111*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42199-1
SDG: 596103

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

Lab Sample ID: 880-42201-A-1-E MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 78108 — **Prep Batch: 78088**

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	<50.4	U	1010	988.8		mg/Kg		94	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<50.4	U F2	1010	1134	F2	mg/Kg		110	70 - 130	31	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*145*	*S1+*	*70 - 130*
o-Terphenyl	*140*	*S1+*	*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-78082/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/12/24 20:08	1

Lab Sample ID: LCS 880-78082/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	266.5		mg/Kg		107	90 - 110		

Lab Sample ID: LCSD 880-78082/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	266.3		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 880-42196-A-1-E MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	271		252	541.5		mg/Kg		108	90 - 110		

Lab Sample ID: 880-42196-A-1-F MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	271		252	541.2		mg/Kg		108	90 - 110	0	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42199-1
SDG: 596103

GC VOA

Analysis Batch: 77984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42199-1	E-17	Total/NA	Solid	8021B	78080
MB 880-78014/5-A	Method Blank	Total/NA	Solid	8021B	78014
MB 880-78080/5-A	Method Blank	Total/NA	Solid	8021B	78080
LCS 880-78080/1-A	Lab Control Sample	Total/NA	Solid	8021B	78080
LCSD 880-78080/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	78080
880-42196-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	78080
880-42196-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	78080

Prep Batch: 78014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-78014/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 78080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42199-1	E-17	Total/NA	Solid	5035	
MB 880-78080/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-78080/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-78080/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-42196-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-42196-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 78183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42199-1	E-17	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 78088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42199-1	E-17	Total/NA	Solid	8015NM Prep	
MB 880-78088/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-78088/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-78088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-42201-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-42201-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 78108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42199-1	E-17	Total/NA	Solid	8015B NM	78088
MB 880-78088/1-A	Method Blank	Total/NA	Solid	8015B NM	78088
LCS 880-78088/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	78088
LCSD 880-78088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	78088
880-42201-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	78088
880-42201-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	78088

Analysis Batch: 78229

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42199-1	E-17	Total/NA	Solid	8015 NM	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42199-1
SDG: 596103

HPLC/IC

Leach Batch: 78082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42199-1	E-17	Soluble	Solid	DI Leach	
MB 880-78082/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-78082/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-78082/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-42196-A-1-E MS	Matrix Spike	Soluble	Solid	DI Leach	
880-42196-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 78099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42199-1	E-17	Soluble	Solid	300.0	78082
MB 880-78082/1-A	Method Blank	Soluble	Solid	300.0	78082
LCS 880-78082/2-A	Lab Control Sample	Soluble	Solid	300.0	78082
LCSD 880-78082/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	78082
880-42196-A-1-E MS	Matrix Spike	Soluble	Solid	300.0	78082
880-42196-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	78082

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42199-1
SDG: 596103

Client Sample ID: E-17

Date Collected: 04/05/24 09:20
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42199-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	78080	04/12/24 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77984	04/13/24 00:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78183	04/13/24 00:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			78229	04/14/24 00:16	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	78088	04/12/24 15:53	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78108	04/14/24 00:16	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	78082	04/12/24 15:33	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78099	04/12/24 20:46	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42199-1
SDG: 596103

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	T104704400-23-26	06-30-24

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: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42199-1
SDG: 596103

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: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42199-1
SDG: 596103

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-42199-1	E-17	Solid	04/05/24 09:20	04/12/24 14:25

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Chain of Custody

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

880-42199 Chain of Custody

www.xenco.com Page 1 of 1

Project Manager	Jared Stoffel	Bill to (if different)	
Company Name	TRC Companies	Company Name	
Address	10 Desta Dr	Address	
City, State ZIP	Midland TX	City, State ZIP	
Phone	432-238-3003	Email	jstoffel@trccompanies.com

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project.
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables EDD ☐ ADaPT ☐ Other

Project Name	Cotton Draw	Turn Around	
Project Number	596103	☐ Routine ☐ Rush	
Project Location		Due Date	24 hr
Sampler's Name	Emmie Schubert	TAT starts the day received by the lab if received by 4 30pm	
PO #			

SAMPLE RECEIPT				
Temp Blank	Yes No	Wet Ice	Yes No	
Samples Received Intact:	Yes No	Thermometer ID	IR8	
Cooler Custody Seals	Yes No N/A	Correction Factor	-.10	
Sample Custody Seals	Yes No N/A	Temperature Reading	3.0	
Total Containers		Corrected Temperature	2.9	

ANALYSIS REQUEST

Preservative Codes

None NO DI Water H_2O
Cool Cool MeOH Me
HCL HC HNO_3 HN
H_2SO_4 H_2 NaOH Na
H_3PO_4 HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: Chlorides E300	TPH 8015	BTEX 8021B	Sample Comments
E-17	Soil	4/5/2024	0920	-	Grab	1		X	X	X	

Total 200.7 / 6010 200.8 / 6020. 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		4/12/24 1425	2		
3			4		
0			6		

Revised Date: 08/25/2020 Rev 2020.2

Received by OCD: 1/27/2025 4:59:55 PM

Released to Imaging: 5/13/2025 2:19:41 PM

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-42199-1
SDG Number: 596103

Login Number: 42199
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel
TRC Solutions, Inc.
10 Desta Drive
Suite #130E
Midland, Texas 79705

Generated 4/16/2024 9:15:24 AM

JOB DESCRIPTION

Cotton Draw
596103

JOB NUMBER

880-42200-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 5/13/2025 2:19:41 PM

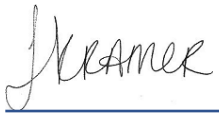
Eurofins Midland

Job Notes

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

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

Authorization



Generated
4/16/2024 9:15:24 AM

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

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Laboratory Job ID: 880-42200-1
SDG: 596103

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Definitions/Glossary

Client: TRC Solutions, Inc. Job ID: 880-42200-1
Project/Site: Cotton Draw SDG: 596103

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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.

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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: TRC Solutions, Inc.
Project: Cotton Draw

Job ID: 880-42200-1

Job ID: 880-42200-1 Eurofins Midland

Job Narrative
880-42200-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt
The sample was received on 4/12/2024 2:25 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.9°C.

Receipt Exceptions
The following sample was received and analyzed from an unpreserved bulk soil jar: E-16 (880-42200-1).

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

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-42201-A-1-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-78088 and analytical batch 880-78108 was outside control limits. Sample non-homogeneity is suspected.

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

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42200-1
SDG: 596103

Client Sample ID: E-16

Date Collected: 04/05/24 09:00
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42200-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/12/24 15:02	04/13/24 00:47	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/12/24 15:02	04/13/24 00:47	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/12/24 15:02	04/13/24 00:47	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/12/24 15:02	04/13/24 00:47	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/12/24 15:02	04/13/24 00:47	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/12/24 15:02	04/13/24 00:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*04/12/24 15:02*	*04/13/24 00:47*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/12/24 15:02*	*04/13/24 00:47*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/13/24 00:47	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**50.5**		50.1		mg/Kg			04/14/24 00:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/12/24 15:53	04/14/24 00:59	1
Diesel Range Organics (Over C10-C28)	**50.5**		50.1		mg/Kg		04/12/24 15:53	04/14/24 00:59	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/12/24 15:53	04/14/24 00:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*04/12/24 15:53*	*04/14/24 00:59*	*1*
o-Terphenyl	*122*		*70 - 130*	*04/12/24 15:53*	*04/14/24 00:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15.0**		5.01		mg/Kg			04/12/24 20:51	1

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42200-1
SDG: 596103

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		BFB1	DFBZ1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
880-42196-A-1-A MS	Matrix Spike	113	101										
880-42196-A-1-B MSD	Matrix Spike Duplicate	116	101										
880-42200-1	E-16	119	99										
LCS 880-78080/1-A	Lab Control Sample	109	99										
LCSD 880-78080/2-A	Lab Control Sample Dup	109	99										
MB 880-78014/5-A	Method Blank	116	101										
MB 880-78080/5-A	Method Blank	116	101										

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)											
		1CO1	OTPH1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
880-42200-1	E-16	122	122										
880-42201-A-1-D MS	Matrix Spike	111	104										
880-42201-A-1-E MSD	Matrix Spike Duplicate	145 S1+	140 S1+										
LCS 880-78088/2-A	Lab Control Sample	92	104										
LCSD 880-78088/3-A	Lab Control Sample Dup	77	85										
MB 880-78088/1-A	Method Blank	107	107										

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42200-1
SDG: 596103

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-78014/5-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78014

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 10:02	04/12/24 12:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 10:02*	*04/12/24 12:39*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 10:02*	*04/12/24 12:39*	*1*

Lab Sample ID: MB 880-78080/5-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78080

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 15:02	04/12/24 23:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 15:02*	*04/12/24 23:25*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 15:02*	*04/12/24 23:25*	*1*

Lab Sample ID: LCS 880-78080/1-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78080

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1054		mg/Kg		105	70 - 130		
Toluene			0.100	0.1063		mg/Kg		106	70 - 130		
Ethylbenzene			0.100	0.1020		mg/Kg		102	70 - 130		
m-Xylene & p-Xylene			0.200	0.2068		mg/Kg		103	70 - 130		
o-Xylene			0.100	0.1026		mg/Kg		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-78080/2-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78080

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1100		mg/Kg		110	70 - 130	4	35

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42200-1
SDG: 596103

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

Lab Sample ID: LCSD 880-78080/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1106		mg/Kg		111	70 - 130	4	35
Ethylbenzene			0.100	0.1073		mg/Kg		107	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.2180		mg/Kg		109	70 - 130	5	35
o-Xylene			0.100	0.1074		mg/Kg		107	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-42196-A-1-A MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0996	0.09973		mg/Kg		100	70 - 130
Toluene	<0.00198	U	0.0996	0.09688		mg/Kg		97	70 - 130
Ethylbenzene	<0.00198	U	0.0996	0.08752		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.199	0.1742		mg/Kg		87	70 - 130
o-Xylene	<0.00198	U	0.0996	0.08678		mg/Kg		87	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-42196-A-1-B MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.101	0.1086		mg/Kg		108	70 - 130	8	35
Toluene	<0.00198	U	0.101	0.1051		mg/Kg		104	70 - 130	8	35
Ethylbenzene	<0.00198	U	0.101	0.09284		mg/Kg		92	70 - 130	6	35
m-Xylene & p-Xylene	<0.00396	U	0.202	0.1854		mg/Kg		92	70 - 130	6	35
o-Xylene	<0.00198	U	0.101	0.09280		mg/Kg		92	70 - 130	7	35

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

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

Lab Sample ID: MB 880-78088/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 78108 — **Prep Batch: 78088**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42200-1
SDG: 596103

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

Lab Sample ID: MB 880-78088/1-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78088

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*04/12/24 15:53*	*04/13/24 19:22*	*1*
o-Terphenyl	*107*		*70 - 130*	*04/12/24 15:53*	*04/13/24 19:22*	*1*

Lab Sample ID: LCS 880-78088/2-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78088

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1018		mg/Kg		102	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1100		mg/Kg		110	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*92*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

Lab Sample ID: LCSD 880-78088/3-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78088

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	893.8		mg/Kg		89	70 - 130	13	20
Diesel Range Organics (Over C10-C28)			1000	937.2		mg/Kg		94	70 - 130	16	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*77*		*70 - 130*
o-Terphenyl	*85*		*70 - 130*

Lab Sample ID: 880-42201-A-1-D MS
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 78088

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	1010	887.8		mg/Kg		84	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.4	U F2	1010	827.4		mg/Kg		80	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*111*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42200-1
SDG: 596103

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

Lab Sample ID: 880-42201-A-1-E MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 78108 — **Prep Batch: 78088**

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	<50.4	U	1010	988.8		mg/Kg		94	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<50.4	U F2	1010	1134	F2	mg/Kg		110	70 - 130	31	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*145*	*S1+*	*70 - 130*
o-Terphenyl	*140*	*S1+*	*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-78082/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/12/24 20:08	1

Lab Sample ID: LCS 880-78082/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	266.5		mg/Kg		107	90 - 110		

Lab Sample ID: LCSD 880-78082/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	266.3		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 880-42196-A-1-E MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	271		252	541.5		mg/Kg		108	90 - 110		

Lab Sample ID: 880-42196-A-1-F MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	271		252	541.2		mg/Kg		108	90 - 110	0	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42200-1
SDG: 596103

GC VOA

Analysis Batch: 77984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42200-1	E-16	Total/NA	Solid	8021B	78080
MB 880-78014/5-A	Method Blank	Total/NA	Solid	8021B	78014
MB 880-78080/5-A	Method Blank	Total/NA	Solid	8021B	78080
LCS 880-78080/1-A	Lab Control Sample	Total/NA	Solid	8021B	78080
LCSD 880-78080/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	78080
880-42196-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	78080
880-42196-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	78080

Prep Batch: 78014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-78014/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 78080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42200-1	E-16	Total/NA	Solid	5035	
MB 880-78080/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-78080/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-78080/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-42196-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-42196-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 78184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42200-1	E-16	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 78088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42200-1	E-16	Total/NA	Solid	8015NM Prep	
MB 880-78088/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-78088/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-78088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-42201-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-42201-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 78108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42200-1	E-16	Total/NA	Solid	8015B NM	78088
MB 880-78088/1-A	Method Blank	Total/NA	Solid	8015B NM	78088
LCS 880-78088/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	78088
LCSD 880-78088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	78088
880-42201-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	78088
880-42201-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	78088

Analysis Batch: 78230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42200-1	E-16	Total/NA	Solid	8015 NM	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42200-1
SDG: 596103

HPLC/IC

Leach Batch: 78082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42200-1	E-16	Soluble	Solid	DI Leach	
MB 880-78082/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-78082/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-78082/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-42196-A-1-E MS	Matrix Spike	Soluble	Solid	DI Leach	
880-42196-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 78099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42200-1	E-16	Soluble	Solid	300.0	78082
MB 880-78082/1-A	Method Blank	Soluble	Solid	300.0	78082
LCS 880-78082/2-A	Lab Control Sample	Soluble	Solid	300.0	78082
LCSD 880-78082/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	78082
880-42196-A-1-E MS	Matrix Spike	Soluble	Solid	300.0	78082
880-42196-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	78082

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42200-1
SDG: 596103

Client Sample ID: E-16

Date Collected: 04/05/24 09:00
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42200-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	78080	04/12/24 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77984	04/13/24 00:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78184	04/13/24 00:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			78230	04/14/24 00:59	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	78088	04/12/24 15:53	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78108	04/14/24 00:59	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	78082	04/12/24 15:33	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78099	04/12/24 20:51	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42200-1
SDG: 596103

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	T104704400-23-26	06-30-24

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: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42200-1
SDG: 596103

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: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42200-1
SDG: 596103

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-42200-1	E-16	Solid	04/05/24 09:00	04/12/24 14:25

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Chain of Custody

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

880-42200 Chain of Custody

www.xenco.com Page 1 of 1

Project Manager	Jared Stoffel	Bill to (if different)	
Company Name	TRC Companies	Company Name	
Address	10 Desta Dr	Address	
City, State ZIP	Midland, TX	City, State ZIP	
Phone	432-238-3003	Email	jstoffel@trccompanies.com

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project.
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables EDD ☐ ADaPT ☐ Other

Project Name	Cotton Draw	Turn Around	
Project Number	596103	☐ Routine ☐ Rush	
Project Location		Due Date	24 hr
Sampler's Name	Emmie Schubert	TAT starts the day received by the lab if received by 4.30pm	
PO #			

SAMPLE RECEIPT			
Temp Blank.	Yes (No)	Wet Ice	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID	ENB
Cooler Custody Seals	Yes No N/A	Correction Factor	-.10
Sample Custody Seals	Yes No (N/A)	Temperature Reading	3.0
Total Containers		Corrected Temperature	2.9

Preservative Codes

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

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Parameters: Chlorides E300	TPH 8015	BTEX 8021B	Sample Comments
E-16	Soil	4/5/2024	0900	-	Grab	1	X	X	X	

Total 200.7 / 6010 200.8 / 6020. 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1		4/17/24 1425	2		
3			4		
0			6		

Revised Date: 08/25/2020 Rev 2020.2

Received by OCD: 1/27/2025 4:59:55 PM
Released to Imaging: 5/13/2025 2:19:41 PM

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-42200-1
SDG Number: 596103

Login Number: 42200
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel
TRC Solutions, Inc.
10 Desta Drive
Suite #130E
Midland, Texas 79705

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JOB DESCRIPTION

Cotton Draw
596103

JOB NUMBER

880-42201-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

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Eurofins Midland

Job Notes

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

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

Authorization

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Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Laboratory Job ID: 880-42201-1
SDG: 596103

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Definitions/Glossary

Client: TRC Solutions, Inc. Job ID: 880-42201-1
Project/Site: Cotton Draw SDG: 596103

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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.

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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: TRC Solutions, Inc.
Project: Cotton Draw

Job ID: 880-42201-1

Job ID: 880-42201-1 Eurofins Midland

Job Narrative
880-42201-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt
The sample was received on 4/12/2024 2:25 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.9°C.

Receipt Exceptions
The following sample was received and analyzed from an unpreserved bulk soil jar: E-15 (880-42201-1).

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

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-42201-A-1-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-78088 and analytical batch 880-78108 was outside control limits. Sample non-homogeneity is suspected.

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

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42201-1
SDG: 596103

Client Sample ID: E-15

Date Collected: 04/05/24 08:40
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42201-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/13/24 01:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/13/24 01:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/13/24 01:08	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/12/24 15:02	04/13/24 01:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/13/24 01:08	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/12/24 15:02	04/13/24 01:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*04/12/24 15:02*	*04/13/24 01:08*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 15:02*	*04/13/24 01:08*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/13/24 01:08	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			04/13/24 20:25	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		04/12/24 15:53	04/13/24 20:25	1
Diesel Range Organics (Over C10-C28)	<50.4	U F2	50.4		mg/Kg		04/12/24 15:53	04/13/24 20:25	1
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/12/24 15:53	04/13/24 20:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*124*		*70 - 130*	*04/12/24 15:53*	*04/13/24 20:25*	*1*
o-Terphenyl	*124*		*70 - 130*	*04/12/24 15:53*	*04/13/24 20:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**30.9**		4.98		mg/Kg			04/12/24 21:06	1

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42201-1
SDG: 596103

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)										
880-42196-A-1-A MS	Matrix Spike	113	101										
880-42196-A-1-B MSD	Matrix Spike Duplicate	116	101										
880-42201-1	E-15	117	101										
LCS 880-78080/1-A	Lab Control Sample	109	99										
LCSD 880-78080/2-A	Lab Control Sample Dup	109	99										
MB 880-78014/5-A	Method Blank	116	101										
MB 880-78080/5-A	Method Blank	116	101										

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)										
880-42201-1	E-15	124	124										
880-42201-1 MS	E-15	111	104										
880-42201-1 MSD	E-15	145 S1+	140 S1+										
LCS 880-78088/2-A	Lab Control Sample	92	104										
LCSD 880-78088/3-A	Lab Control Sample Dup	77	85										
MB 880-78088/1-A	Method Blank	107	107										

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42201-1
SDG: 596103

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-78014/5-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78014

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 10:02	04/12/24 12:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 10:02*	*04/12/24 12:39*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 10:02*	*04/12/24 12:39*	*1*

Lab Sample ID: MB 880-78080/5-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78080

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 15:02	04/12/24 23:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 15:02*	*04/12/24 23:25*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 15:02*	*04/12/24 23:25*	*1*

Lab Sample ID: LCS 880-78080/1-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78080

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1054		mg/Kg		105	70 - 130		
Toluene			0.100	0.1063		mg/Kg		106	70 - 130		
Ethylbenzene			0.100	0.1020		mg/Kg		102	70 - 130		
m-Xylene & p-Xylene			0.200	0.2068		mg/Kg		103	70 - 130		
o-Xylene			0.100	0.1026		mg/Kg		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-78080/2-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78080

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1100		mg/Kg		110	70 - 130	4	35

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42201-1
SDG: 596103

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

Lab Sample ID: LCSD 880-78080/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1106		mg/Kg		111	70 - 130	4	35
Ethylbenzene			0.100	0.1073		mg/Kg		107	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.2180		mg/Kg		109	70 - 130	5	35
o-Xylene			0.100	0.1074		mg/Kg		107	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-42196-A-1-A MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0996	0.09973		mg/Kg		100	70 - 130
Toluene	<0.00198	U	0.0996	0.09688		mg/Kg		97	70 - 130
Ethylbenzene	<0.00198	U	0.0996	0.08752		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.199	0.1742		mg/Kg		87	70 - 130
o-Xylene	<0.00198	U	0.0996	0.08678		mg/Kg		87	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-42196-A-1-B MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.101	0.1086		mg/Kg		108	70 - 130	8	35
Toluene	<0.00198	U	0.101	0.1051		mg/Kg		104	70 - 130	8	35
Ethylbenzene	<0.00198	U	0.101	0.09284		mg/Kg		92	70 - 130	6	35
m-Xylene & p-Xylene	<0.00396	U	0.202	0.1854		mg/Kg		92	70 - 130	6	35
o-Xylene	<0.00198	U	0.101	0.09280		mg/Kg		92	70 - 130	7	35

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

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

Lab Sample ID: MB 880-78088/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 78108 — **Prep Batch: 78088**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42201-1
SDG: 596103

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

Lab Sample ID: MB 880-78088/1-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78088

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*04/12/24 15:53*	*04/13/24 19:22*	*1*
o-Terphenyl	*107*		*70 - 130*	*04/12/24 15:53*	*04/13/24 19:22*	*1*

Lab Sample ID: LCS 880-78088/2-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78088

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1018		mg/Kg		102	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1100		mg/Kg		110	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*92*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

Lab Sample ID: LCSD 880-78088/3-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78088

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	893.8		mg/Kg		89	70 - 130	13	20
Diesel Range Organics (Over C10-C28)			1000	937.2		mg/Kg		94	70 - 130	16	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*77*		*70 - 130*
o-Terphenyl	*85*		*70 - 130*

Lab Sample ID: 880-42201-1 MS
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: E-15
Prep Type: Total/NA
Prep Batch: 78088

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	1010	887.8		mg/Kg		84	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.4	U F2	1010	827.4		mg/Kg		80	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*111*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42201-1
SDG: 596103

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

Lab Sample ID: 880-42201-1 MSD
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: E-15
Prep Type: Total/NA
Prep Batch: 78088

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	<50.4	U	1010	988.8		mg/Kg		94	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<50.4	U F2	1010	1134	F2	mg/Kg		110	70 - 130	31	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*145*	*S1+*	*70 - 130*
o-Terphenyl	*140*	*S1+*	*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-78082/1-A
Matrix: Solid
Analysis Batch: 78099

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/12/24 20:08	1

Lab Sample ID: LCS 880-78082/2-A
Matrix: Solid
Analysis Batch: 78099

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	266.5		mg/Kg		107	90 - 110		

Lab Sample ID: LCSD 880-78082/3-A
Matrix: Solid
Analysis Batch: 78099

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	266.3		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 880-42196-A-1-E MS
Matrix: Solid
Analysis Batch: 78099

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	271		252	541.5		mg/Kg		108	90 - 110		

Lab Sample ID: 880-42196-A-1-F MSD
Matrix: Solid
Analysis Batch: 78099

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	271		252	541.2		mg/Kg		108	90 - 110	0	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42201-1
SDG: 596103

GC VOA

Analysis Batch: 77984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42201-1	E-15	Total/NA	Solid	8021B	78080
MB 880-78014/5-A	Method Blank	Total/NA	Solid	8021B	78014
MB 880-78080/5-A	Method Blank	Total/NA	Solid	8021B	78080
LCS 880-78080/1-A	Lab Control Sample	Total/NA	Solid	8021B	78080
LCSD 880-78080/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	78080
880-42196-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	78080
880-42196-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	78080

Prep Batch: 78014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-78014/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 78080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42201-1	E-15	Total/NA	Solid	5035	
MB 880-78080/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-78080/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-78080/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-42196-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-42196-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 78185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42201-1	E-15	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 78088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42201-1	E-15	Total/NA	Solid	8015NM Prep	
MB 880-78088/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-78088/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-78088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-42201-1 MS	E-15	Total/NA	Solid	8015NM Prep	
880-42201-1 MSD	E-15	Total/NA	Solid	8015NM Prep	

Analysis Batch: 78108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42201-1	E-15	Total/NA	Solid	8015B NM	78088
MB 880-78088/1-A	Method Blank	Total/NA	Solid	8015B NM	78088
LCS 880-78088/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	78088
LCSD 880-78088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	78088
880-42201-1 MS	E-15	Total/NA	Solid	8015B NM	78088
880-42201-1 MSD	E-15	Total/NA	Solid	8015B NM	78088

Analysis Batch: 78225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42201-1	E-15	Total/NA	Solid	8015 NM	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42201-1
SDG: 596103

HPLC/IC

Leach Batch: 78082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42201-1	E-15	Soluble	Solid	DI Leach	
MB 880-78082/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-78082/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-78082/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-42196-A-1-E MS	Matrix Spike	Soluble	Solid	DI Leach	
880-42196-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 78099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42201-1	E-15	Soluble	Solid	300.0	78082
MB 880-78082/1-A	Method Blank	Soluble	Solid	300.0	78082
LCS 880-78082/2-A	Lab Control Sample	Soluble	Solid	300.0	78082
LCSD 880-78082/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	78082
880-42196-A-1-E MS	Matrix Spike	Soluble	Solid	300.0	78082
880-42196-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	78082

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42201-1
SDG: 596103

Client Sample ID: E-15

Date Collected: 04/05/24 08:40
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42201-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	78080	04/12/24 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77984	04/13/24 01:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78185	04/13/24 01:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			78225	04/13/24 20:25	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	78088	04/12/24 15:53	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78108	04/13/24 20:25	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	78082	04/12/24 15:33	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78099	04/12/24 21:06	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42201-1
SDG: 596103

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	T104704400-23-26	06-30-24

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: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42201-1
SDG: 596103

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: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42201-1
SDG: 596103

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-42201-1	E-15	Solid	04/05/24 08:40	04/12/24 14:25

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Chain of Custody

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

880-42201 Chain of Custody

Work Order No.

www.xenco.com Page 1 of 1

Project Manager	Jared Stoffel	Bill to (if different)	
Company Name	TRC Companies	Company Name	
Address	10 Desta Dr	Address	
City, State ZIP	Midland TX	City, State ZIP	
Phone	432-238-3003	Email	jstoffel@trccompanies.com

Work Order Comments

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

Project Name	Cotton Draw	Turn Around	
Project Number	596103	☑ Routine ☐ Rush	
Project Location		Due Date	24 hr
Sampler's Name	Emmie Schubert	TAT starts the day received by the lab if received by 4.30pm	
PO #			

SAMPLE RECEIPT				
Temp Blank	Yes (No)	Wet Ice	(Yes) No	
Samples Received Intact:	(Yes) No	Thermometer ID	IR8	
Cooler Custody Seals	Yes No N/A	Correction Factor	-.10	
Sample Custody Seals	Yes No N/A	Temperature Reading	3.0	
Total Containers		Corrected Temperature	2.9	

ANALYSIS REQUEST

Preservative Codes

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

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Chlorides E300	TPH 8015	BTEX 8021B	Sample Comments
E-15	Soil	4/5/2024	0840	-	Grab	1	X	X	X	

Total 200.7 / 6010 200.8 / 6020. 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1		4/12/24 1425	2		
3			4		
0			6		

Revised Date: 08/25/2020 Rev 2020.2

Received by OCD: 1/27/2025 4:59:55 PM
Released to Imaging: 5/13/2025 2:19:41 PM

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-42201-1
SDG Number: 596103

Login Number: 42201
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel
TRC Solutions, Inc.
10 Desta Drive
Suite #130E
Midland, Texas 79705

Generated 4/16/2024 9:16:38 AM

JOB DESCRIPTION

Cotton Draw
596103

JOB NUMBER

880-42202-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 5/13/2025 2:19:41 PM

Eurofins Midland

Job Notes

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

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

Authorization

Generated
4/16/2024 9:16:38 AM

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

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Laboratory Job ID: 880-42202-1
SDG: 596103

Table of Contents

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Definitions/Glossary

Client: TRC Solutions, Inc. Job ID: 880-42202-1
Project/Site: Cotton Draw SDG: 596103

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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.

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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: TRC Solutions, Inc.
Project: Cotton Draw

Job ID: 880-42202-1

Job ID: 880-42202-1 Eurofins Midland

Job Narrative
880-42202-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt
The sample was received on 4/12/2024 2:25 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.9°C.

Receipt Exceptions
The following sample was received and analyzed from an unpreserved bulk soil jar: E-14 (880-42202-1).

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

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-42201-A-1-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-78088 and analytical batch 880-78108 was outside control limits. Sample non-homogeneity is suspected.

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

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42202-1
SDG: 596103

Client Sample ID: E-14

Date Collected: 04/05/24 08:30
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42202-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/13/24 01:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/13/24 01:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/13/24 01:28	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 15:02	04/13/24 01:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/13/24 01:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 15:02	04/13/24 01:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*04/12/24 15:02*	*04/13/24 01:28*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/12/24 15:02*	*04/13/24 01:28*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/13/24 01:28	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**50.6**		50.5		mg/Kg			04/14/24 01:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		04/12/24 15:53	04/14/24 01:20	1
Diesel Range Organics (Over C10-C28)	**50.6**		50.5		mg/Kg		04/12/24 15:53	04/14/24 01:20	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		04/12/24 15:53	04/14/24 01:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*129*		*70 - 130*	*04/12/24 15:53*	*04/14/24 01:20*	*1*
o-Terphenyl	*130*		*70 - 130*	*04/12/24 15:53*	*04/14/24 01:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13.4**		4.99		mg/Kg			04/12/24 21:10	1

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42202-1
SDG: 596103

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-42196-A-1-A MS	Matrix Spike	113	101
880-42196-A-1-B MSD	Matrix Spike Duplicate	116	101
880-42202-1	E-14	118	102
LCS 880-78080/1-A	Lab Control Sample	109	99
LCSD 880-78080/2-A	Lab Control Sample Dup	109	99
MB 880-78014/5-A	Method Blank	116	101
MB 880-78080/5-A	Method Blank	116	101

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)
880-42201-A-1-D MS	Matrix Spike	111	104
880-42201-A-1-E MSD	Matrix Spike Duplicate	145 S1+	140 S1+
880-42202-1	E-14	129	130
LCS 880-78088/2-A	Lab Control Sample	92	104
LCSD 880-78088/3-A	Lab Control Sample Dup	77	85
MB 880-78088/1-A	Method Blank	107	107

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42202-1
SDG: 596103

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-78014/5-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78014

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 10:02	04/12/24 12:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 10:02*	*04/12/24 12:39*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 10:02*	*04/12/24 12:39*	*1*

Lab Sample ID: MB 880-78080/5-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78080

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 15:02	04/12/24 23:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 15:02*	*04/12/24 23:25*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 15:02*	*04/12/24 23:25*	*1*

Lab Sample ID: LCS 880-78080/1-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78080

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1054		mg/Kg		105	70 - 130		
Toluene			0.100	0.1063		mg/Kg		106	70 - 130		
Ethylbenzene			0.100	0.1020		mg/Kg		102	70 - 130		
m-Xylene & p-Xylene			0.200	0.2068		mg/Kg		103	70 - 130		
o-Xylene			0.100	0.1026		mg/Kg		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-78080/2-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78080

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1100		mg/Kg		110	70 - 130	4	35

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42202-1
SDG: 596103

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

Lab Sample ID: LCSD 880-78080/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1106		mg/Kg		111	70 - 130	4	35
Ethylbenzene			0.100	0.1073		mg/Kg		107	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.2180		mg/Kg		109	70 - 130	5	35
o-Xylene			0.100	0.1074		mg/Kg		107	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-42196-A-1-A MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0996	0.09973		mg/Kg		100	70 - 130
Toluene	<0.00198	U	0.0996	0.09688		mg/Kg		97	70 - 130
Ethylbenzene	<0.00198	U	0.0996	0.08752		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.199	0.1742		mg/Kg		87	70 - 130
o-Xylene	<0.00198	U	0.0996	0.08678		mg/Kg		87	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-42196-A-1-B MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.101	0.1086		mg/Kg		108	70 - 130	8	35
Toluene	<0.00198	U	0.101	0.1051		mg/Kg		104	70 - 130	8	35
Ethylbenzene	<0.00198	U	0.101	0.09284		mg/Kg		92	70 - 130	6	35
m-Xylene & p-Xylene	<0.00396	U	0.202	0.1854		mg/Kg		92	70 - 130	6	35
o-Xylene	<0.00198	U	0.101	0.09280		mg/Kg		92	70 - 130	7	35

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

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

Lab Sample ID: MB 880-78088/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 78108 — **Prep Batch: 78088**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42202-1
SDG: 596103

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

Lab Sample ID: MB 880-78088/1-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78088

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*04/12/24 15:53*	*04/13/24 19:22*	*1*
o-Terphenyl	*107*		*70 - 130*	*04/12/24 15:53*	*04/13/24 19:22*	*1*

Lab Sample ID: LCS 880-78088/2-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78088

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1018		mg/Kg		102	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1100		mg/Kg		110	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*92*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

Lab Sample ID: LCSD 880-78088/3-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78088

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	893.8		mg/Kg		89	70 - 130	13	20
Diesel Range Organics (Over C10-C28)			1000	937.2		mg/Kg		94	70 - 130	16	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*77*		*70 - 130*
o-Terphenyl	*85*		*70 - 130*

Lab Sample ID: 880-42201-A-1-D MS
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 78088

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	1010	887.8		mg/Kg		84	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.4	U F2	1010	827.4		mg/Kg		80	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*111*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42202-1
SDG: 596103

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

Lab Sample ID: 880-42201-A-1-E MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 78108 — **Prep Batch: 78088**

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	<50.4	U	1010	988.8		mg/Kg		94	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<50.4	U F2	1010	1134	F2	mg/Kg		110	70 - 130	31	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*145*	*S1+*	*70 - 130*
o-Terphenyl	*140*	*S1+*	*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-78082/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/12/24 20:08	1

Lab Sample ID: LCS 880-78082/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	266.5		mg/Kg		107	90 - 110		

Lab Sample ID: LCSD 880-78082/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	266.3		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 880-42196-A-1-E MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	271		252	541.5		mg/Kg		108	90 - 110		

Lab Sample ID: 880-42196-A-1-F MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	271		252	541.2		mg/Kg		108	90 - 110	0	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42202-1
SDG: 596103

GC VOA

Analysis Batch: 77984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42202-1	E-14	Total/NA	Solid	8021B	78080
MB 880-78014/5-A	Method Blank	Total/NA	Solid	8021B	78014
MB 880-78080/5-A	Method Blank	Total/NA	Solid	8021B	78080
LCS 880-78080/1-A	Lab Control Sample	Total/NA	Solid	8021B	78080
LCSD 880-78080/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	78080
880-42196-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	78080
880-42196-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	78080

Prep Batch: 78014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-78014/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 78080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42202-1	E-14	Total/NA	Solid	5035	
MB 880-78080/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-78080/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-78080/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-42196-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-42196-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 78186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42202-1	E-14	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 78088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42202-1	E-14	Total/NA	Solid	8015NM Prep	
MB 880-78088/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-78088/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-78088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-42201-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-42201-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 78108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42202-1	E-14	Total/NA	Solid	8015B NM	78088
MB 880-78088/1-A	Method Blank	Total/NA	Solid	8015B NM	78088
LCS 880-78088/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	78088
LCSD 880-78088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	78088
880-42201-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	78088
880-42201-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	78088

Analysis Batch: 78231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42202-1	E-14	Total/NA	Solid	8015 NM	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42202-1
SDG: 596103

HPLC/IC

Leach Batch: 78082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42202-1	E-14	Soluble	Solid	DI Leach	
MB 880-78082/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-78082/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-78082/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-42196-A-1-E MS	Matrix Spike	Soluble	Solid	DI Leach	
880-42196-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 78099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42202-1	E-14	Soluble	Solid	300.0	78082
MB 880-78082/1-A	Method Blank	Soluble	Solid	300.0	78082
LCS 880-78082/2-A	Lab Control Sample	Soluble	Solid	300.0	78082
LCSD 880-78082/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	78082
880-42196-A-1-E MS	Matrix Spike	Soluble	Solid	300.0	78082
880-42196-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	78082

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42202-1
SDG: 596103

Client Sample ID: E-14

Date Collected: 04/05/24 08:30
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42202-1

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			5.00 g	5 mL	78080	04/12/24 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77984	04/13/24 01:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78186	04/13/24 01:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			78231	04/14/24 01:20	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	78088	04/12/24 15:53	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78108	04/14/24 01:20	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	78082	04/12/24 15:33	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78099	04/12/24 21:10	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42202-1
SDG: 596103

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	T104704400-23-26	06-30-24

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: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42202-1
SDG: 596103

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: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42202-1
SDG: 596103

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-42202-1	E-14	Solid	04/05/24 08:30	04/12/24 14:25

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Chain of Custody

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

Wc 880-42202 Chain of Custody

www.xenco.com Page 1 of 1

Project Manager	Jared Stoffel	Bill to (if different)	
Company Name	TRC Companies	Company Name	
Address	10 Desta Dr	Address	
City, State ZIP	Midland, TX	City State ZIP	
Phone	432-238-3003	Email	jstoffel@trccompanies.com

Work Order Comments

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

Project Name	Cotton Draw	Turn Around	☑ Routine ☐ Rush
Project Number	596103	Due Date	24 hr
Project Location		TAT starts the day received by the lab if received by 4.30pm	
Sampler's Name	Emmie Schubert		
PO #			

SAMPLE RECEIPT				
Temp Blank	Yes (No)	Wet Ice	(Yes) No	
Samples Received Intact:	(Yes) No	Thermometer ID	ENB	
Cooler Custody Seals	Yes No N/A	Correction Factor	-.10	
Sample Custody Seals	Yes No (N/A)	Temperature Reading	3.0	
Total Containers		Corrected Temperature	2.9	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Chlorides E300	TPH 8015	BTEX 8021B
E-14	Soil	4/5/2024	0830	-	Grab	1	X	X	X

Preservative Codes

None NO DI Water H_2O
Cool Cool MeOH Me
HCL HC HNO_3. HN
H_2SO_4 H_2 NaOH Na
H_3PO_4 HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Comments

Total 200.7 / 6010 200.8 / 6020. 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1		4/12/24 1425	2		
3			4		
0			6		

Revised Date: 08/25/2020 Rev 2020.2

Received by OCD: 1/27/2025 4:59:55 PM
Released to Imaging: 5/13/2025 2:19:41 PM

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-42202-1
SDG Number: 596103

Login Number: 42202
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel
TRC Solutions, Inc.
10 Desta Drive
Suite #130E
Midland, Texas 79705

Generated 4/16/2024 9:16:55 AM

JOB DESCRIPTION

Cotton Draw
596103

JOB NUMBER

880-42203-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 5/13/2025 2:19:41 PM

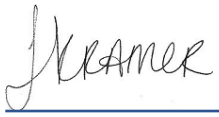
Eurofins Midland

Job Notes

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

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

Authorization



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Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Laboratory Job ID: 880-42203-1
SDG: 596103

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Definitions/Glossary

Client: TRC Solutions, Inc. Job ID: 880-42203-1
Project/Site: Cotton Draw SDG: 596103

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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.

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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: TRC Solutions, Inc.
Project: Cotton Draw

Job ID: 880-42203-1

Job ID: 880-42203-1 Eurofins Midland

Job Narrative
880-42203-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt
The sample was received on 4/12/2024 2:25 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.9°C.

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

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: E-13 (880-42203-1) and (880-42201-A-1-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-78088 and analytical batch 880-78108 was outside control limits. Sample non-homogeneity is suspected.

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

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42203-1
SDG: 596103

Client Sample ID: E-13

Date Collected: 04/05/24 08:10
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42203-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/13/24 01:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/13/24 01:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/13/24 01:48	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/12/24 15:02	04/13/24 01:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/13/24 01:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/12/24 15:02	04/13/24 01:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*04/12/24 15:02*	*04/13/24 01:48*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/12/24 15:02*	*04/13/24 01:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/13/24 01:48	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/14/24 01:42	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/14/24 01:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/14/24 01:42	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/14/24 01:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*129*		*70 - 130*	*04/12/24 15:53*	*04/14/24 01:42*	*1*
o-Terphenyl	*132*	*S1+*	*70 - 130*	*04/12/24 15:53*	*04/14/24 01:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.54**		4.96		mg/Kg			04/12/24 21:15	1

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42203-1
SDG: 596103

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		BFB1	DFBZ1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
880-42196-A-1-A MS	Matrix Spike	113	101										
880-42196-A-1-B MSD	Matrix Spike Duplicate	116	101										
880-42203-1	E-13	127	99										
LCS 880-78080/1-A	Lab Control Sample	109	99										
LCSD 880-78080/2-A	Lab Control Sample Dup	109	99										
MB 880-78014/5-A	Method Blank	116	101										
MB 880-78080/5-A	Method Blank	116	101										

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)											
		1CO1	OTPH1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
880-42201-A-1-D MS	Matrix Spike	111	104										
880-42201-A-1-E MSD	Matrix Spike Duplicate	145 S1+	140 S1+										
880-42203-1	E-13	129	132 S1+										
LCS 880-78088/2-A	Lab Control Sample	92	104										
LCSD 880-78088/3-A	Lab Control Sample Dup	77	85										
MB 880-78088/1-A	Method Blank	107	107										

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42203-1
SDG: 596103

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-78014/5-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78014

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 10:02	04/12/24 12:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 10:02*	*04/12/24 12:39*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 10:02*	*04/12/24 12:39*	*1*

Lab Sample ID: MB 880-78080/5-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78080

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 15:02	04/12/24 23:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 15:02*	*04/12/24 23:25*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 15:02*	*04/12/24 23:25*	*1*

Lab Sample ID: LCS 880-78080/1-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78080

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1054		mg/Kg		105	70 - 130		
Toluene			0.100	0.1063		mg/Kg		106	70 - 130		
Ethylbenzene			0.100	0.1020		mg/Kg		102	70 - 130		
m-Xylene & p-Xylene			0.200	0.2068		mg/Kg		103	70 - 130		
o-Xylene			0.100	0.1026		mg/Kg		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-78080/2-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78080

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1100		mg/Kg		110	70 - 130	4	35

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42203-1
SDG: 596103

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

Lab Sample ID: LCSD 880-78080/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1106		mg/Kg		111	70 - 130	4	35
Ethylbenzene			0.100	0.1073		mg/Kg		107	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.2180		mg/Kg		109	70 - 130	5	35
o-Xylene			0.100	0.1074		mg/Kg		107	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-42196-A-1-A MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0996	0.09973		mg/Kg		100	70 - 130
Toluene	<0.00198	U	0.0996	0.09688		mg/Kg		97	70 - 130
Ethylbenzene	<0.00198	U	0.0996	0.08752		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.199	0.1742		mg/Kg		87	70 - 130
o-Xylene	<0.00198	U	0.0996	0.08678		mg/Kg		87	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-42196-A-1-B MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.101	0.1086		mg/Kg		108	70 - 130	8	35
Toluene	<0.00198	U	0.101	0.1051		mg/Kg		104	70 - 130	8	35
Ethylbenzene	<0.00198	U	0.101	0.09284		mg/Kg		92	70 - 130	6	35
m-Xylene & p-Xylene	<0.00396	U	0.202	0.1854		mg/Kg		92	70 - 130	6	35
o-Xylene	<0.00198	U	0.101	0.09280		mg/Kg		92	70 - 130	7	35

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

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

Lab Sample ID: MB 880-78088/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 78108 — **Prep Batch: 78088**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42203-1
SDG: 596103

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

Lab Sample ID: MB 880-78088/1-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78088

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*04/12/24 15:53*	*04/13/24 19:22*	*1*
o-Terphenyl	*107*		*70 - 130*	*04/12/24 15:53*	*04/13/24 19:22*	*1*

Lab Sample ID: LCS 880-78088/2-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78088

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1018		mg/Kg		102	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1100		mg/Kg		110	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*92*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

Lab Sample ID: LCSD 880-78088/3-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78088

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	893.8		mg/Kg		89	70 - 130	13	20
Diesel Range Organics (Over C10-C28)			1000	937.2		mg/Kg		94	70 - 130	16	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*77*		*70 - 130*
o-Terphenyl	*85*		*70 - 130*

Lab Sample ID: 880-42201-A-1-D MS
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 78088

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	1010	887.8		mg/Kg		84	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.4	U F2	1010	827.4		mg/Kg		80	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*111*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42203-1
SDG: 596103

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

Lab Sample ID: 880-42201-A-1-E MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 78108 — **Prep Batch: 78088**

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	<50.4	U	1010	988.8		mg/Kg		94	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<50.4	U F2	1010	1134	F2	mg/Kg		110	70 - 130	31	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*145*	*S1+*	*70 - 130*
o-Terphenyl	*140*	*S1+*	*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-78082/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/12/24 20:08	1

Lab Sample ID: LCS 880-78082/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	266.5		mg/Kg		107	90 - 110		

Lab Sample ID: LCSD 880-78082/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	266.3		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 880-42196-A-1-E MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	271		252	541.5		mg/Kg		108	90 - 110		

Lab Sample ID: 880-42196-A-1-F MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	271		252	541.2		mg/Kg		108	90 - 110	0	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42203-1
SDG: 596103

GC VOA

Analysis Batch: 77984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42203-1	E-13	Total/NA	Solid	8021B	78080
MB 880-78014/5-A	Method Blank	Total/NA	Solid	8021B	78014
MB 880-78080/5-A	Method Blank	Total/NA	Solid	8021B	78080
LCS 880-78080/1-A	Lab Control Sample	Total/NA	Solid	8021B	78080
LCSD 880-78080/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	78080
880-42196-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	78080
880-42196-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	78080

Prep Batch: 78014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-78014/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 78080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42203-1	E-13	Total/NA	Solid	5035	
MB 880-78080/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-78080/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-78080/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-42196-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-42196-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 78187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42203-1	E-13	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 78088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42203-1	E-13	Total/NA	Solid	8015NM Prep	
MB 880-78088/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-78088/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-78088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-42201-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-42201-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 78108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42203-1	E-13	Total/NA	Solid	8015B NM	78088
MB 880-78088/1-A	Method Blank	Total/NA	Solid	8015B NM	78088
LCS 880-78088/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	78088
LCSD 880-78088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	78088
880-42201-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	78088
880-42201-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	78088

Analysis Batch: 78232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42203-1	E-13	Total/NA	Solid	8015 NM	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42203-1
SDG: 596103

HPLC/IC

Leach Batch: 78082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42203-1	E-13	Soluble	Solid	DI Leach	
MB 880-78082/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-78082/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-78082/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-42196-A-1-E MS	Matrix Spike	Soluble	Solid	DI Leach	
880-42196-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 78099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42203-1	E-13	Soluble	Solid	300.0	78082
MB 880-78082/1-A	Method Blank	Soluble	Solid	300.0	78082
LCS 880-78082/2-A	Lab Control Sample	Soluble	Solid	300.0	78082
LCSD 880-78082/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	78082
880-42196-A-1-E MS	Matrix Spike	Soluble	Solid	300.0	78082
880-42196-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	78082

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42203-1
SDG: 596103

Client Sample ID: E-13

Date Collected: 04/05/24 08:10
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42203-1

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	78080	04/12/24 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77984	04/13/24 01:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78187	04/13/24 01:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			78232	04/14/24 01:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	78088	04/12/24 15:53	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78108	04/14/24 01:42	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	78082	04/12/24 15:33	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78099	04/12/24 21:15	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42203-1
SDG: 596103

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	T104704400-23-26	06-30-24

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: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42203-1
SDG: 596103

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: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42203-1
SDG: 596103

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-42203-1	E-13	Solid	04/05/24 08:10	04/12/24 14:25

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Chain of Custody

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

880-42203 Chain of Custody

www.xenco.com Page 1 of 1

Project Manager	Jared Stoffel	Bill to (if different)	
Company Name	TRC Companies	Company Name	
Address	10 Desta Dr	Address	
City, State ZIP	Midland, TX	City, State ZIP	
Phone	432-238-3003	Email	jstoffel@trccompanies.com

Work Order Comments

Program. UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables EDD ☐ ADaPT ☐ Other

Project Name	Cotton Draw	Turn Around	☑ Routine ☐ Rush
Project Number	596103	Due Date	24 hr
Project Location		TAT starts the day received by the lab if received by 4 30pm	
Sampler's Name	Emmie Schubert		
PO #			

SAMPLE RECEIPT			
Temp Blank	Yes No	Wet Ice	Yes No
Samples Received Intact:	Yes No	Thermometer ID	IR8
Cooler Custody Seals	Yes No N/A	Correction Factor	-.10
Sample Custody Seals.	Yes No N/A	Temperature Reading	3.0
Total Containers		Corrected Temperature	2.9

Preservative Codes

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

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Chlorides E300	TPH 8015	BTEX 8021B	Sample Comments
E-13	Soil	4/5/2024	0810	-	Grab	1	X	X	X	

Total 200.7 / 6010 200.8 / 6020. 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1		4/12/24 1425	2		
3			4		
0			6		

Revised Date: 08/25/2020 Rev 2020.2

Received by OCD: 1/27/2025 4:59:55 PM

Released to Imaging: 5/13/2025 2:19:41 PM

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-42203-1
SDG Number: 596103

Login Number: 42203
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel
TRC Solutions, Inc.
10 Desta Drive
Suite #130E
Midland, Texas 79705

Generated 4/16/2024 9:19:26 AM

JOB DESCRIPTION

Cotton Draw
596103

JOB NUMBER

880-42205-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 5/13/2025 2:19:41 PM

my EOL

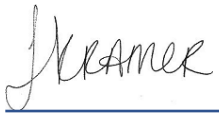
Eurofins Midland

Job Notes

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

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

Authorization



Generated
4/16/2024 9:19:26 AM

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

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Laboratory Job ID: 880-42205-1
SDG: 596103

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Definitions/Glossary

Client: TRC Solutions, Inc. Job ID: 880-42205-1
Project/Site: Cotton Draw SDG: 596103

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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.

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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: TRC Solutions, Inc.
Project: Cotton Draw

Job ID: 880-42205-1

Job ID: 880-42205-1 Eurofins Midland

Job Narrative
880-42205-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt
The sample was received on 4/12/2024 2:25 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.9°C.

Receipt Exceptions
The following sample was received and analyzed from an unpreserved bulk soil jar: E-12 (880-42205-1).

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

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-42201-A-1-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-78088 and analytical batch 880-78108 was outside control limits. Sample non-homogeneity is suspected.

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

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42205-1
SDG: 596103

Client Sample ID: E-12

Date Collected: 04/05/24 13:35
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42205-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/12/24 15:02	04/13/24 02:09	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/12/24 15:02	04/13/24 02:09	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/12/24 15:02	04/13/24 02:09	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		04/12/24 15:02	04/13/24 02:09	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/12/24 15:02	04/13/24 02:09	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/12/24 15:02	04/13/24 02:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*04/12/24 15:02*	*04/13/24 02:09*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/12/24 15:02*	*04/13/24 02:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/13/24 02:09	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**69.3**		50.0		mg/Kg			04/14/24 02:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/14/24 02:03	1
Diesel Range Organics (Over C10-C28)	**69.3**		50.0		mg/Kg		04/12/24 15:53	04/14/24 02:03	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/14/24 02:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*04/12/24 15:53*	*04/14/24 02:03*	*1*
o-Terphenyl	*124*		*70 - 130*	*04/12/24 15:53*	*04/14/24 02:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**392**		5.04		mg/Kg			04/12/24 22:28	1

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42205-1
SDG: 596103

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-42196-A-1-A MS	Matrix Spike	113	101
880-42196-A-1-B MSD	Matrix Spike Duplicate	116	101
880-42205-1	E-12	121	102
LCS 880-78080/1-A	Lab Control Sample	109	99
LCSD 880-78080/2-A	Lab Control Sample Dup	109	99
MB 880-78014/5-A	Method Blank	116	101
MB 880-78080/5-A	Method Blank	116	101

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)
880-42201-A-1-D MS	Matrix Spike	111	104
880-42201-A-1-E MSD	Matrix Spike Duplicate	145 S1+	140 S1+
880-42205-1	E-12	122	124
LCS 880-78088/2-A	Lab Control Sample	92	104
LCSD 880-78088/3-A	Lab Control Sample Dup	77	85
MB 880-78088/1-A	Method Blank	107	107

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42205-1
SDG: 596103

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-78014/5-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78014

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 10:02	04/12/24 12:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 10:02*	*04/12/24 12:39*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 10:02*	*04/12/24 12:39*	*1*

Lab Sample ID: MB 880-78080/5-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78080

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 15:02	04/12/24 23:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 15:02*	*04/12/24 23:25*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 15:02*	*04/12/24 23:25*	*1*

Lab Sample ID: LCS 880-78080/1-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78080

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1054		mg/Kg		105	70 - 130		
Toluene			0.100	0.1063		mg/Kg		106	70 - 130		
Ethylbenzene			0.100	0.1020		mg/Kg		102	70 - 130		
m-Xylene & p-Xylene			0.200	0.2068		mg/Kg		103	70 - 130		
o-Xylene			0.100	0.1026		mg/Kg		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-78080/2-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78080

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1100		mg/Kg		110	70 - 130	4	35

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42205-1
SDG: 596103

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

Lab Sample ID: LCSD 880-78080/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1106		mg/Kg		111	70 - 130	4	35
Ethylbenzene			0.100	0.1073		mg/Kg		107	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.2180		mg/Kg		109	70 - 130	5	35
o-Xylene			0.100	0.1074		mg/Kg		107	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-42196-A-1-A MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0996	0.09973		mg/Kg		100	70 - 130
Toluene	<0.00198	U	0.0996	0.09688		mg/Kg		97	70 - 130
Ethylbenzene	<0.00198	U	0.0996	0.08752		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.199	0.1742		mg/Kg		87	70 - 130
o-Xylene	<0.00198	U	0.0996	0.08678		mg/Kg		87	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-42196-A-1-B MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.101	0.1086		mg/Kg		108	70 - 130	8	35
Toluene	<0.00198	U	0.101	0.1051		mg/Kg		104	70 - 130	8	35
Ethylbenzene	<0.00198	U	0.101	0.09284		mg/Kg		92	70 - 130	6	35
m-Xylene & p-Xylene	<0.00396	U	0.202	0.1854		mg/Kg		92	70 - 130	6	35
o-Xylene	<0.00198	U	0.101	0.09280		mg/Kg		92	70 - 130	7	35

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

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

Lab Sample ID: MB 880-78088/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 78108 — **Prep Batch: 78088**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42205-1
SDG: 596103

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

Lab Sample ID: MB 880-78088/1-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78088

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*04/12/24 15:53*	*04/13/24 19:22*	*1*
o-Terphenyl	*107*		*70 - 130*	*04/12/24 15:53*	*04/13/24 19:22*	*1*

Lab Sample ID: LCS 880-78088/2-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78088

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1018		mg/Kg		102	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1100		mg/Kg		110	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*92*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

Lab Sample ID: LCSD 880-78088/3-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78088

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	893.8		mg/Kg		89	70 - 130	13	20
Diesel Range Organics (Over C10-C28)			1000	937.2		mg/Kg		94	70 - 130	16	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*77*		*70 - 130*
o-Terphenyl	*85*		*70 - 130*

Lab Sample ID: 880-42201-A-1-D MS
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 78088

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	1010	887.8		mg/Kg		84	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.4	U F2	1010	827.4		mg/Kg		80	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*111*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42205-1
SDG: 596103

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

Lab Sample ID: 880-42201-A-1-E MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 78108 — **Prep Batch: 78088**

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	<50.4	U	1010	988.8		mg/Kg		94	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<50.4	U F2	1010	1134	F2	mg/Kg		110	70 - 130	31	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*145*	*S1+*	*70 - 130*
o-Terphenyl	*140*	*S1+*	*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-78082/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/12/24 20:08	1

Lab Sample ID: LCS 880-78082/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	266.5		mg/Kg		107	90 - 110		

Lab Sample ID: LCSD 880-78082/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	266.3		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 880-42196-A-1-E MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	271		252	541.5		mg/Kg		108	90 - 110		

Lab Sample ID: 880-42196-A-1-F MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	271		252	541.2		mg/Kg		108	90 - 110	0	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42205-1
SDG: 596103

GC VOA

Analysis Batch: 77984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42205-1	E-12	Total/NA	Solid	8021B	78080
MB 880-78014/5-A	Method Blank	Total/NA	Solid	8021B	78014
MB 880-78080/5-A	Method Blank	Total/NA	Solid	8021B	78080
LCS 880-78080/1-A	Lab Control Sample	Total/NA	Solid	8021B	78080
LCSD 880-78080/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	78080
880-42196-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	78080
880-42196-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	78080

Prep Batch: 78014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-78014/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 78080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42205-1	E-12	Total/NA	Solid	5035	
MB 880-78080/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-78080/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-78080/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-42196-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-42196-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 78188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42205-1	E-12	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 78088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42205-1	E-12	Total/NA	Solid	8015NM Prep	
MB 880-78088/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-78088/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-78088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-42201-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-42201-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 78108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42205-1	E-12	Total/NA	Solid	8015B NM	78088
MB 880-78088/1-A	Method Blank	Total/NA	Solid	8015B NM	78088
LCS 880-78088/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	78088
LCSD 880-78088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	78088
880-42201-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	78088
880-42201-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	78088

Analysis Batch: 78233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42205-1	E-12	Total/NA	Solid	8015 NM	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42205-1
SDG: 596103

HPLC/IC

Leach Batch: 78082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42205-1	E-12	Soluble	Solid	DI Leach	
MB 880-78082/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-78082/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-78082/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-42196-A-1-E MS	Matrix Spike	Soluble	Solid	DI Leach	
880-42196-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 78099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42205-1	E-12	Soluble	Solid	300.0	78082
MB 880-78082/1-A	Method Blank	Soluble	Solid	300.0	78082
LCS 880-78082/2-A	Lab Control Sample	Soluble	Solid	300.0	78082
LCSD 880-78082/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	78082
880-42196-A-1-E MS	Matrix Spike	Soluble	Solid	300.0	78082
880-42196-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	78082

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42205-1
SDG: 596103

Client Sample ID: E-12

Date Collected: 04/05/24 13:35
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42205-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	78080	04/12/24 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77984	04/13/24 02:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78188	04/13/24 02:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			78233	04/14/24 02:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	78088	04/12/24 15:53	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78108	04/14/24 02:03	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	78082	04/12/24 15:33	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78099	04/12/24 22:28	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42205-1
SDG: 596103

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	T104704400-23-26	06-30-24

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: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42205-1
SDG: 596103

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: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42205-1
SDG: 596103

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-42205-1	E-12	Solid	04/05/24 13:35	04/12/24 14:25

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Chain of Custody

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

W\ 880-42205 Chain of Custody

www.xenco.com Page 1 of 1

Project Manager	Jared Stoffel	Bill to (if different)	
Company Name.	TRC Companies	Company Name	
Address	10 Desta Dr	Address	
City, State ZIP	Midland, TX	City State ZIP	
Phone	432-238-3003	Email	jstoffel@trccompanies.com

Work Order Comments

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

Project Name	Cotton Draw	Turn Around	☑ Routine ☐ Rush
Project Number	596103	Due Date	24 hr
Project Location		TAT starts the day received by the lab if received by 4 30pm	
Sampler's Name	Emmie Schubert		
PO #			

SAMPLE RECEIPT				
Temp Blank.	Yes (No)	Wet Ice	(Yes) No	
Samples Received Intact.	(Yes) No	Thermometer ID	IR8	
Cooler Custody Seals	Yes No (N/A)	Correction Factor	-.10	
Sample Custody Seals	Yes No (N/A)	Temperature Reading	3.0	
Total Containers		Corrected Temperature	2.9	

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Chlorides E300	TPH 8015	BTEX 8021B
E-12	Soil	4/4/2024	1335	-	Grab	1	X	X	X

Preservative Codes

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

Sample Comments

Total 200.7 / 6010 200.8 / 6020. 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
		4/12/24 1425	2		
3			4		
0			6		

Revised Date: 08/25/2020 Rev 2020.2

Received by OCD: 1/27/2025 4:59:55 PM

Released to Imaging: 5/13/2025 2:19:41 PM

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-42205-1
SDG Number: 596103

Login Number: 42205
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel
TRC Solutions, Inc.
10 Desta Drive
Suite #130E
Midland, Texas 79705

Generated 4/16/2024 9:19:26 AM

JOB DESCRIPTION

Cotton Draw
596103

JOB NUMBER

880-42206-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

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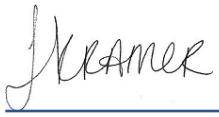
Eurofins Midland

Job Notes

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

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

Authorization



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Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Laboratory Job ID: 880-42206-1
SDG: 596103

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Definitions/Glossary

Client: TRC Solutions, Inc. Job ID: 880-42206-1
Project/Site: Cotton Draw SDG: 596103

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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.

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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: TRC Solutions, Inc.
Project: Cotton Draw

Job ID: 880-42206-1

Job ID: 880-42206-1 Eurofins Midland

Job Narrative
880-42206-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt
The sample was received on 4/12/2024 2:25 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.9°C.

Receipt Exceptions
The following sample was received and analyzed from an unpreserved bulk soil jar: E-11 (880-42206-1).

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

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-42201-A-1-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-78088 and analytical batch 880-78108 was outside control limits. Sample non-homogeneity is suspected.

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

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42206-1
SDG: 596103

Client Sample ID: E-11

Date Collected: 04/04/24 13:15
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42206-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/12/24 15:02	04/13/24 02:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/12/24 15:02	04/13/24 02:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/12/24 15:02	04/13/24 02:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/12/24 15:02	04/13/24 02:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/12/24 15:02	04/13/24 02:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/12/24 15:02	04/13/24 02:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*04/12/24 15:02*	*04/13/24 02:29*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 15:02*	*04/13/24 02:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/13/24 02:29	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**51.1**		49.8		mg/Kg			04/14/24 02:24	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/12/24 15:53	04/14/24 02:24	1
Diesel Range Organics (Over C10-C28)	**51.1**		49.8		mg/Kg		04/12/24 15:53	04/14/24 02:24	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/12/24 15:53	04/14/24 02:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*04/12/24 15:53*	*04/14/24 02:24*	*1*
o-Terphenyl	*108*		*70 - 130*	*04/12/24 15:53*	*04/14/24 02:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.5**		5.04		mg/Kg			04/12/24 22:32	1

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42206-1
SDG: 596103

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)										
880-42196-A-1-A MS	Matrix Spike	113	101										
880-42196-A-1-B MSD	Matrix Spike Duplicate	116	101										
880-42206-1	E-11	117	101										
LCS 880-78080/1-A	Lab Control Sample	109	99										
LCSD 880-78080/2-A	Lab Control Sample Dup	109	99										
MB 880-78014/5-A	Method Blank	116	101										
MB 880-78080/5-A	Method Blank	116	101										

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)										
880-42201-A-1-D MS	Matrix Spike	111	104										
880-42201-A-1-E MSD	Matrix Spike Duplicate	145 S1+	140 S1+										
880-42206-1	E-11	110	108										
LCS 880-78088/2-A	Lab Control Sample	92	104										
LCSD 880-78088/3-A	Lab Control Sample Dup	77	85										
MB 880-78088/1-A	Method Blank	107	107										

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42206-1
SDG: 596103

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-78014/5-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78014

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 10:02	04/12/24 12:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 10:02*	*04/12/24 12:39*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 10:02*	*04/12/24 12:39*	*1*

Lab Sample ID: MB 880-78080/5-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78080

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 15:02	04/12/24 23:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 15:02*	*04/12/24 23:25*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 15:02*	*04/12/24 23:25*	*1*

Lab Sample ID: LCS 880-78080/1-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78080

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1054		mg/Kg		105	70 - 130		
Toluene			0.100	0.1063		mg/Kg		106	70 - 130		
Ethylbenzene			0.100	0.1020		mg/Kg		102	70 - 130		
m-Xylene & p-Xylene			0.200	0.2068		mg/Kg		103	70 - 130		
o-Xylene			0.100	0.1026		mg/Kg		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-78080/2-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78080

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1100		mg/Kg		110	70 - 130	4	35

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42206-1
SDG: 596103

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

Lab Sample ID: LCSD 880-78080/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1106		mg/Kg		111	70 - 130	4	35
Ethylbenzene			0.100	0.1073		mg/Kg		107	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.2180		mg/Kg		109	70 - 130	5	35
o-Xylene			0.100	0.1074		mg/Kg		107	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-42196-A-1-A MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0996	0.09973		mg/Kg		100	70 - 130
Toluene	<0.00198	U	0.0996	0.09688		mg/Kg		97	70 - 130
Ethylbenzene	<0.00198	U	0.0996	0.08752		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.199	0.1742		mg/Kg		87	70 - 130
o-Xylene	<0.00198	U	0.0996	0.08678		mg/Kg		87	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-42196-A-1-B MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.101	0.1086		mg/Kg		108	70 - 130	8	35
Toluene	<0.00198	U	0.101	0.1051		mg/Kg		104	70 - 130	8	35
Ethylbenzene	<0.00198	U	0.101	0.09284		mg/Kg		92	70 - 130	6	35
m-Xylene & p-Xylene	<0.00396	U	0.202	0.1854		mg/Kg		92	70 - 130	6	35
o-Xylene	<0.00198	U	0.101	0.09280		mg/Kg		92	70 - 130	7	35

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

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

Lab Sample ID: MB 880-78088/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 78108 — **Prep Batch: 78088**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42206-1
SDG: 596103

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

Lab Sample ID: MB 880-78088/1-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78088

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*04/12/24 15:53*	*04/13/24 19:22*	*1*
o-Terphenyl	*107*		*70 - 130*	*04/12/24 15:53*	*04/13/24 19:22*	*1*

Lab Sample ID: LCS 880-78088/2-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78088

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1018		mg/Kg		102	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1100		mg/Kg		110	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*92*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

Lab Sample ID: LCSD 880-78088/3-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78088

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	893.8		mg/Kg		89	70 - 130	13	20
Diesel Range Organics (Over C10-C28)			1000	937.2		mg/Kg		94	70 - 130	16	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*77*		*70 - 130*
o-Terphenyl	*85*		*70 - 130*

Lab Sample ID: 880-42201-A-1-D MS
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 78088

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	1010	887.8		mg/Kg		84	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.4	U F2	1010	827.4		mg/Kg		80	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*111*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42206-1
SDG: 596103

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

Lab Sample ID: 880-42201-A-1-E MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 78108 — **Prep Batch: 78088**

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	<50.4	U	1010	988.8		mg/Kg		94	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<50.4	U F2	1010	1134	F2	mg/Kg		110	70 - 130	31	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*145*	*S1+*	*70 - 130*
o-Terphenyl	*140*	*S1+*	*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-78082/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/12/24 20:08	1

Lab Sample ID: LCS 880-78082/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	266.5		mg/Kg		107	90 - 110		

Lab Sample ID: LCSD 880-78082/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	266.3		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 880-42196-A-1-E MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	271		252	541.5		mg/Kg		108	90 - 110		

Lab Sample ID: 880-42196-A-1-F MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78099

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	271		252	541.2		mg/Kg		108	90 - 110	0	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42206-1
SDG: 596103

GC VOA

Analysis Batch: 77984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42206-1	E-11	Total/NA	Solid	8021B	78080
MB 880-78014/5-A	Method Blank	Total/NA	Solid	8021B	78014
MB 880-78080/5-A	Method Blank	Total/NA	Solid	8021B	78080
LCS 880-78080/1-A	Lab Control Sample	Total/NA	Solid	8021B	78080
LCSD 880-78080/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	78080
880-42196-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	78080
880-42196-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	78080

Prep Batch: 78014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-78014/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 78080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42206-1	E-11	Total/NA	Solid	5035	
MB 880-78080/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-78080/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-78080/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-42196-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-42196-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 78189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42206-1	E-11	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 78088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42206-1	E-11	Total/NA	Solid	8015NM Prep	
MB 880-78088/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-78088/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-78088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-42201-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-42201-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 78108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42206-1	E-11	Total/NA	Solid	8015B NM	78088
MB 880-78088/1-A	Method Blank	Total/NA	Solid	8015B NM	78088
LCS 880-78088/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	78088
LCSD 880-78088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	78088
880-42201-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	78088
880-42201-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	78088

Analysis Batch: 78234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42206-1	E-11	Total/NA	Solid	8015 NM	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42206-1
SDG: 596103

HPLC/IC

Leach Batch: 78082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42206-1	E-11	Soluble	Solid	DI Leach	
MB 880-78082/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-78082/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-78082/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-42196-A-1-E MS	Matrix Spike	Soluble	Solid	DI Leach	
880-42196-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 78099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42206-1	E-11	Soluble	Solid	300.0	78082
MB 880-78082/1-A	Method Blank	Soluble	Solid	300.0	78082
LCS 880-78082/2-A	Lab Control Sample	Soluble	Solid	300.0	78082
LCSD 880-78082/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	78082
880-42196-A-1-E MS	Matrix Spike	Soluble	Solid	300.0	78082
880-42196-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	78082

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42206-1
SDG: 596103

Client Sample ID: E-11

Date Collected: 04/04/24 13:15
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42206-1

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			5.02 g	5 mL	78080	04/12/24 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77984	04/13/24 02:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78189	04/13/24 02:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			78234	04/14/24 02:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	78088	04/12/24 15:53	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78108	04/14/24 02:24	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	78082	04/12/24 15:33	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78099	04/12/24 22:32	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42206-1
SDG: 596103

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	T104704400-23-26	06-30-24

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: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42206-1
SDG: 596103

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: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42206-1
SDG: 596103

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-42206-1	E-11	Solid	04/04/24 13:15	04/12/24 14:25

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Environment Testing
Xenco

Chain of Custody

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

880-42206 Chain of Custody

www.xenco.com Page 1 of 1

Project Manager	Jared Stoffel	Bill to (if different)	
Company Name	TRC Companies	Company Name.	
Address	10 Desta Dr	Address	
City, State ZIP	Midland, TX	City, State ZIP	
Phone	432-238-3003	Email	jstoffel@trccompanies com

Work Order Comments

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

Project Name	Cotton Draw	Turn Around	☑ Routine ☐ Rush
Project Number	596103	Due Date	24 hr
Project Location		TAT starts the day received by the lab if received by 4 30pm	
Sampler's Name	Emmie Schubert		
PO #			

SAMPLE RECEIPT			
Temp Blank.	Yes (No)	Wet Ice	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID	IR8
Cooler Custody Seals	Yes No (N/A)	Correction Factor	-.1
Sample Custody Seals	Yes No (N/A)	Temperature Reading	2.0
Total Containers		Corrected Temperature	2.9

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Chlorides E300	TPH 8015	BTEX 8021B
E-11	Soil	4/4/2024	1315	-	Grab	1	X	X	X

Preservative Codes

None NO DI Water H_2O
Cool Cool MeOH Me
HCL HC HNO_3 HN
H_2SO_4 H_2 NaOH Na
H_3PO_4 HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1		4/12/24 1425	2		
3			4		
0			6		

Revised Date: 08/25/2020 Rev 2020.2

Received by OCD: 1/27/2025 4:59:55 PM

Released to Imaging: 5/13/2025 2:19:41 PM

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-42206-1
SDG Number: 596103

Login Number: 42206
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel
TRC Solutions, Inc.
10 Desta Drive
Suite #130E
Midland, Texas 79705

Generated 4/16/2024 1:50:26 PM

JOB DESCRIPTION

Cotton Draw
596103

JOB NUMBER

880-42207-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 5/13/2025 2:19:41 PM

my EOL

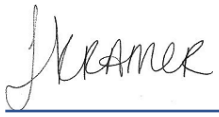
Eurofins Midland

Job Notes

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

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

Authorization



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4/16/2024 1:50:26 PM

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

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Laboratory Job ID: 880-42207-1
SDG: 596103

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Definitions/Glossary

Client: TRC Solutions, Inc. Job ID: 880-42207-1
Project/Site: Cotton Draw SDG: 596103

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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.

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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: TRC Solutions, Inc.
Project: Cotton Draw

Job ID: 880-42207-1

Job ID: 880-42207-1 Eurofins Midland

Job Narrative
880-42207-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt
The sample was received on 4/12/2024 2:25 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.9°C.

Receipt Exceptions
The following sample was received and analyzed from an unpreserved bulk soil jar: E-5 (880-42207-1).

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

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-42201-A-1-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-78088 and analytical batch 880-78108 was outside control limits. Sample non-homogeneity is suspected.

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

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42207-1
SDG: 596103

Client Sample ID: E-5

Date Collected: 04/04/24 09:25
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42207-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/12/24 15:02	04/13/24 02:49	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/12/24 15:02	04/13/24 02:49	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/12/24 15:02	04/13/24 02:49	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/12/24 15:02	04/13/24 02:49	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/12/24 15:02	04/13/24 02:49	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/12/24 15:02	04/13/24 02:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*04/12/24 15:02*	*04/13/24 02:49*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 15:02*	*04/13/24 02:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/13/24 02:49	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**82.8**		50.1		mg/Kg			04/14/24 04:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/12/24 15:53	04/14/24 04:11	1
Diesel Range Organics (Over C10-C28)	**82.8**		50.1		mg/Kg		04/12/24 15:53	04/14/24 04:11	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/12/24 15:53	04/14/24 04:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*118*		*70 - 130*	*04/12/24 15:53*	*04/14/24 04:11*	*1*
o-Terphenyl	*118*		*70 - 130*	*04/12/24 15:53*	*04/14/24 04:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.7**		4.97		mg/Kg			04/12/24 19:47	1

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42207-1
SDG: 596103

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		BFB1	DFBZ1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
880-42196-A-1-A MS	Matrix Spike	113	101										
880-42196-A-1-B MSD	Matrix Spike Duplicate	116	101										
880-42207-1	E-5	119	101										
LCS 880-78080/1-A	Lab Control Sample	109	99										
LCSD 880-78080/2-A	Lab Control Sample Dup	109	99										
MB 880-78014/5-A	Method Blank	116	101										
MB 880-78080/5-A	Method Blank	116	101										

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)											
		1CO1	OTPH1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
880-42201-A-1-D MS	Matrix Spike	111	104										
880-42201-A-1-E MSD	Matrix Spike Duplicate	145 S1+	140 S1+										
880-42207-1	E-5	118	118										
LCS 880-78088/2-A	Lab Control Sample	92	104										
LCSD 880-78088/3-A	Lab Control Sample Dup	77	85										
MB 880-78088/1-A	Method Blank	107	107										

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42207-1
SDG: 596103

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-78014/5-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78014

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 10:02	04/12/24 12:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 10:02*	*04/12/24 12:39*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 10:02*	*04/12/24 12:39*	*1*

Lab Sample ID: MB 880-78080/5-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78080

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 15:02	04/12/24 23:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 15:02*	*04/12/24 23:25*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 15:02*	*04/12/24 23:25*	*1*

Lab Sample ID: LCS 880-78080/1-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78080

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1054		mg/Kg		105	70 - 130		
Toluene			0.100	0.1063		mg/Kg		106	70 - 130		
Ethylbenzene			0.100	0.1020		mg/Kg		102	70 - 130		
m-Xylene & p-Xylene			0.200	0.2068		mg/Kg		103	70 - 130		
o-Xylene			0.100	0.1026		mg/Kg		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-78080/2-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78080

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1100		mg/Kg		110	70 - 130	4	35

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42207-1
SDG: 596103

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

Lab Sample ID: LCSD 880-78080/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1106		mg/Kg		111	70 - 130	4	35
Ethylbenzene			0.100	0.1073		mg/Kg		107	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.2180		mg/Kg		109	70 - 130	5	35
o-Xylene			0.100	0.1074		mg/Kg		107	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-42196-A-1-A MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0996	0.09973		mg/Kg		100	70 - 130
Toluene	<0.00198	U	0.0996	0.09688		mg/Kg		97	70 - 130
Ethylbenzene	<0.00198	U	0.0996	0.08752		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.199	0.1742		mg/Kg		87	70 - 130
o-Xylene	<0.00198	U	0.0996	0.08678		mg/Kg		87	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-42196-A-1-B MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.101	0.1086		mg/Kg		108	70 - 130	8	35
Toluene	<0.00198	U	0.101	0.1051		mg/Kg		104	70 - 130	8	35
Ethylbenzene	<0.00198	U	0.101	0.09284		mg/Kg		92	70 - 130	6	35
m-Xylene & p-Xylene	<0.00396	U	0.202	0.1854		mg/Kg		92	70 - 130	6	35
o-Xylene	<0.00198	U	0.101	0.09280		mg/Kg		92	70 - 130	7	35

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

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

Lab Sample ID: MB 880-78088/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 78108 — **Prep Batch: 78088**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42207-1
SDG: 596103

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

Lab Sample ID: MB 880-78088/1-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78088

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*04/12/24 15:53*	*04/13/24 19:22*	*1*
o-Terphenyl	*107*		*70 - 130*	*04/12/24 15:53*	*04/13/24 19:22*	*1*

Lab Sample ID: LCS 880-78088/2-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78088

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1018		mg/Kg		102	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1100		mg/Kg		110	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*92*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

Lab Sample ID: LCSD 880-78088/3-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78088

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	893.8		mg/Kg		89	70 - 130	13	20
Diesel Range Organics (Over C10-C28)			1000	937.2		mg/Kg		94	70 - 130	16	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*77*		*70 - 130*
o-Terphenyl	*85*		*70 - 130*

Lab Sample ID: 880-42201-A-1-D MS
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 78088

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	1010	887.8		mg/Kg		84	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.4	U F2	1010	827.4		mg/Kg		80	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*111*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42207-1
SDG: 596103

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

Lab Sample ID: 880-42201-A-1-E MSD
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 78088

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	<50.4	U	1010	988.8		mg/Kg		94	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<50.4	U F2	1010	1134	F2	mg/Kg		110	70 - 130	31	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*145*	*S1+*	*70 - 130*
o-Terphenyl	*140*	*S1+*	*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-78084/1-A
Matrix: Solid
Analysis Batch: 78100

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/12/24 19:28	1

Lab Sample ID: LCS 880-78084/2-A
Matrix: Solid
Analysis Batch: 78100

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	246.4		mg/Kg		99	90 - 110		

Lab Sample ID: LCSD 880-78084/3-A
Matrix: Solid
Analysis Batch: 78100

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	246.2		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-42207-1 MS
Matrix: Solid
Analysis Batch: 78100

Client Sample ID: E-5
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	19.7		249	263.0		mg/Kg		98	90 - 110		

Lab Sample ID: 880-42207-1 MSD
Matrix: Solid
Analysis Batch: 78100

Client Sample ID: E-5
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	19.7		249	259.3		mg/Kg		96	90 - 110	1	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42207-1
SDG: 596103

GC VOA

Analysis Batch: 77984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42207-1	E-5	Total/NA	Solid	8021B	78080
MB 880-78014/5-A	Method Blank	Total/NA	Solid	8021B	78014
MB 880-78080/5-A	Method Blank	Total/NA	Solid	8021B	78080
LCS 880-78080/1-A	Lab Control Sample	Total/NA	Solid	8021B	78080
LCSD 880-78080/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	78080
880-42196-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	78080
880-42196-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	78080

Prep Batch: 78014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-78014/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 78080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42207-1	E-5	Total/NA	Solid	5035	
MB 880-78080/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-78080/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-78080/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-42196-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-42196-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 78190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42207-1	E-5	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 78088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42207-1	E-5	Total/NA	Solid	8015NM Prep	
MB 880-78088/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-78088/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-78088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-42201-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-42201-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 78108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42207-1	E-5	Total/NA	Solid	8015B NM	78088
MB 880-78088/1-A	Method Blank	Total/NA	Solid	8015B NM	78088
LCS 880-78088/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	78088
LCSD 880-78088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	78088
880-42201-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	78088
880-42201-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	78088

Analysis Batch: 78239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42207-1	E-5	Total/NA	Solid	8015 NM	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42207-1
SDG: 596103

HPLC/IC

Leach Batch: 78084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42207-1	E-5	Soluble	Solid	DI Leach	
MB 880-78084/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-78084/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-78084/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-42207-1 MS	E-5	Soluble	Solid	DI Leach	
880-42207-1 MSD	E-5	Soluble	Solid	DI Leach	

Analysis Batch: 78100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42207-1	E-5	Soluble	Solid	300.0	78084
MB 880-78084/1-A	Method Blank	Soluble	Solid	300.0	78084
LCS 880-78084/2-A	Lab Control Sample	Soluble	Solid	300.0	78084
LCSD 880-78084/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	78084
880-42207-1 MS	E-5	Soluble	Solid	300.0	78084
880-42207-1 MSD	E-5	Soluble	Solid	300.0	78084

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42207-1
SDG: 596103

Client Sample ID: E-5

Date Collected: 04/04/24 09:25
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42207-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	78080	04/12/24 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77984	04/13/24 02:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78190	04/13/24 02:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			78239	04/14/24 04:11	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	78088	04/12/24 15:53	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78108	04/14/24 04:11	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	78084	04/12/24 15:38	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78100	04/12/24 19:47	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42207-1
SDG: 596103

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	T104704400-23-26	06-30-24

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: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42207-1
SDG: 596103

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: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42207-1
SDG: 596103

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-42207-1	E-5	Solid	04/04/24 09:25	04/12/24 14:25

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Chain of Custody

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

880-42207 Chain of Custody

www.xenco.com Page 1 of 1

Project Manager	Jared Stoffel	Bill to (if different)	
Company Name	TRC Companies	Company Name	
Address	10 Desta Dr	Address	
City, State ZIP	Midland, TX	City State ZIP	
Phone	432-238-3003	Email	jstoffel@trccompanies.com

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project.
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables EDD ☐ ADaPT ☐ Other

Project Name	Cotton Draw	Turn Around	☑ Routine ☐ Rush
Project Number	596103	Due Date.	24 hr
Project Location		TAT starts the day received by the lab if received by 4 30pm	
Sampler's Name	Emmie Schubert		
PO #:			

SAMPLE RECEIPT				
Temp Blank	Yes (No)	Wet Ice	(Yes) No	
Samples Received Intact:	(Yes) No	Thermometer ID	TH8	
Cooler Custody Seals	Yes No (N/A)	Correction Factor	-.10	
Sample Custody Seals	Yes No (N/A)	Temperature Reading	3.0	
Total Containers		Corrected Temperature	2.9	

ANALYSIS REQUEST

Preservative Codes

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

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters	Chlorides E300	TPH 8015	BTEX 8021B	Sample Comments
E-5	Soil	4/4/2024	0925	-	Grab	1			X	X	X	

Total 200.7 / 6010 200.8 / 6020. 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		4/12/24 1425	2		
3			4		
0			6		

Revised Date: 08/25/2020 Rev 2020.2

Received by OCD: 1/27/2025 4:59:55 PM
Released to Imaging: 5/13/2025 2:19:41 PM

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-42207-1
SDG Number: 596103

Login Number: 42207
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel
TRC Solutions, Inc.
10 Desta Drive
Suite #130E
Midland, Texas 79705

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JOB DESCRIPTION

Cotton Draw
596103

JOB NUMBER

880-42208-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

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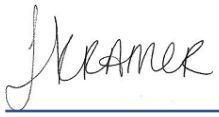
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Job Notes

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

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

Authorization



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Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Laboratory Job ID: 880-42208-1
SDG: 596103

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Definitions/Glossary

Client: TRC Solutions, Inc. Job ID: 880-42208-1
Project/Site: Cotton Draw SDG: 596103

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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.

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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: TRC Solutions, Inc.
Project: Cotton Draw

Job ID: 880-42208-1

Job ID: 880-42208-1 Eurofins Midland

Job Narrative
880-42208-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt
The sample was received on 4/12/2024 2:25 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.9°C.

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

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-42201-A-1-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-78088 and analytical batch 880-78108 was outside control limits. Sample non-homogeneity is suspected.

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

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42208-1
SDG: 596103

Client Sample ID: E-4

Date Collected: 04/04/24 09:04
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42208-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/12/24 15:02	04/13/24 04:18	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/12/24 15:02	04/13/24 04:18	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/12/24 15:02	04/13/24 04:18	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		04/12/24 15:02	04/13/24 04:18	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/12/24 15:02	04/13/24 04:18	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/12/24 15:02	04/13/24 04:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 15:02*	*04/13/24 04:18*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/12/24 15:02*	*04/13/24 04:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/13/24 04:18	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**148**		50.2		mg/Kg			04/14/24 02:46	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/12/24 15:53	04/14/24 02:46	1
Diesel Range Organics (Over C10-C28)	**148**		50.2		mg/Kg		04/12/24 15:53	04/14/24 02:46	1
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/12/24 15:53	04/14/24 02:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*04/12/24 15:53*	*04/14/24 02:46*	*1*
o-Terphenyl	*103*		*70 - 130*	*04/12/24 15:53*	*04/14/24 02:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**687**		5.04		mg/Kg			04/12/24 20:06	1

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42208-1
SDG: 596103

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		BFB1	DFBZ1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
880-42196-A-1-A MS	Matrix Spike	113	101										
880-42196-A-1-B MSD	Matrix Spike Duplicate	116	101										
880-42208-1	E-4	116	102										
LCS 880-78080/1-A	Lab Control Sample	109	99										
LCSD 880-78080/2-A	Lab Control Sample Dup	109	99										
MB 880-78014/5-A	Method Blank	116	101										
MB 880-78080/5-A	Method Blank	116	101										

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)											
		1CO1	OTPH1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
880-42201-A-1-D MS	Matrix Spike	111	104										
880-42201-A-1-E MSD	Matrix Spike Duplicate	145 S1+	140 S1+										
880-42208-1	E-4	107	103										
LCS 880-78088/2-A	Lab Control Sample	92	104										
LCSD 880-78088/3-A	Lab Control Sample Dup	77	85										
MB 880-78088/1-A	Method Blank	107	107										

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42208-1
SDG: 596103

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-78014/5-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78014

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 10:02	04/12/24 12:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 10:02*	*04/12/24 12:39*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 10:02*	*04/12/24 12:39*	*1*

Lab Sample ID: MB 880-78080/5-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78080

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 15:02	04/12/24 23:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 15:02*	*04/12/24 23:25*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 15:02*	*04/12/24 23:25*	*1*

Lab Sample ID: LCS 880-78080/1-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78080

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1054		mg/Kg		105	70 - 130		
Toluene			0.100	0.1063		mg/Kg		106	70 - 130		
Ethylbenzene			0.100	0.1020		mg/Kg		102	70 - 130		
m-Xylene & p-Xylene			0.200	0.2068		mg/Kg		103	70 - 130		
o-Xylene			0.100	0.1026		mg/Kg		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-78080/2-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78080

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1100		mg/Kg		110	70 - 130	4	35

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42208-1
SDG: 596103

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

Lab Sample ID: LCSD 880-78080/2-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78080

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1106		mg/Kg		111	70 - 130	4	35
Ethylbenzene			0.100	0.1073		mg/Kg		107	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.2180		mg/Kg		109	70 - 130	5	35
o-Xylene			0.100	0.1074		mg/Kg		107	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-42196-A-1-A MS
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 78080

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0996	0.09973		mg/Kg		100	70 - 130
Toluene	<0.00198	U	0.0996	0.09688		mg/Kg		97	70 - 130
Ethylbenzene	<0.00198	U	0.0996	0.08752		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.199	0.1742		mg/Kg		87	70 - 130
o-Xylene	<0.00198	U	0.0996	0.08678		mg/Kg		87	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-42196-A-1-B MSD
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 78080

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.101	0.1086		mg/Kg		108	70 - 130	8	35
Toluene	<0.00198	U	0.101	0.1051		mg/Kg		104	70 - 130	8	35
Ethylbenzene	<0.00198	U	0.101	0.09284		mg/Kg		92	70 - 130	6	35
m-Xylene & p-Xylene	<0.00396	U	0.202	0.1854		mg/Kg		92	70 - 130	6	35
o-Xylene	<0.00198	U	0.101	0.09280		mg/Kg		92	70 - 130	7	35

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

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

Lab Sample ID: MB 880-78088/1-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78088

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42208-1
SDG: 596103

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

Lab Sample ID: MB 880-78088/1-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78088

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*04/12/24 15:53*	*04/13/24 19:22*	*1*
o-Terphenyl	*107*		*70 - 130*	*04/12/24 15:53*	*04/13/24 19:22*	*1*

Lab Sample ID: LCS 880-78088/2-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78088

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1018		mg/Kg		102	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1100		mg/Kg		110	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*92*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

Lab Sample ID: LCSD 880-78088/3-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78088

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	893.8		mg/Kg		89	70 - 130	13	20
Diesel Range Organics (Over C10-C28)			1000	937.2		mg/Kg		94	70 - 130	16	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*77*		*70 - 130*
o-Terphenyl	*85*		*70 - 130*

Lab Sample ID: 880-42201-A-1-D MS
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 78088

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	1010	887.8		mg/Kg		84	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.4	U F2	1010	827.4		mg/Kg		80	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*111*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42208-1
SDG: 596103

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

Lab Sample ID: 880-42201-A-1-E MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 78108 — **Prep Batch: 78088**

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	<50.4	U	1010	988.8		mg/Kg		94	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<50.4	U F2	1010	1134	F2	mg/Kg		110	70 - 130	31	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*145*	*S1+*	*70 - 130*
o-Terphenyl	*140*	*S1+*	*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-78084/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78100

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/12/24 19:28	1

Lab Sample ID: LCS 880-78084/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78100

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	246.4		mg/Kg		99	90 - 110		

Lab Sample ID: LCSD 880-78084/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78100

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	246.2		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-42207-A-1-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78100

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	19.7		249	263.0		mg/Kg		98	90 - 110		

Lab Sample ID: 880-42207-A-1-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78100

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	19.7		249	259.3		mg/Kg		96	90 - 110	1	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42208-1
SDG: 596103

GC VOA

Analysis Batch: 77984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42208-1	E-4	Total/NA	Solid	8021B	78080
MB 880-78014/5-A	Method Blank	Total/NA	Solid	8021B	78014
MB 880-78080/5-A	Method Blank	Total/NA	Solid	8021B	78080
LCS 880-78080/1-A	Lab Control Sample	Total/NA	Solid	8021B	78080
LCSD 880-78080/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	78080
880-42196-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	78080
880-42196-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	78080

Prep Batch: 78014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-78014/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 78080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42208-1	E-4	Total/NA	Solid	5035	
MB 880-78080/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-78080/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-78080/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-42196-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-42196-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 78191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42208-1	E-4	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 78088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42208-1	E-4	Total/NA	Solid	8015NM Prep	
MB 880-78088/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-78088/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-78088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-42201-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-42201-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 78108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42208-1	E-4	Total/NA	Solid	8015B NM	78088
MB 880-78088/1-A	Method Blank	Total/NA	Solid	8015B NM	78088
LCS 880-78088/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	78088
LCSD 880-78088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	78088
880-42201-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	78088
880-42201-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	78088

Analysis Batch: 78235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42208-1	E-4	Total/NA	Solid	8015 NM	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42208-1
SDG: 596103

HPLC/IC

Leach Batch: 78084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42208-1	E-4	Soluble	Solid	DI Leach	
MB 880-78084/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-78084/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-78084/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-42207-A-1-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-42207-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 78100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42208-1	E-4	Soluble	Solid	300.0	78084
MB 880-78084/1-A	Method Blank	Soluble	Solid	300.0	78084
LCS 880-78084/2-A	Lab Control Sample	Soluble	Solid	300.0	78084
LCSD 880-78084/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	78084
880-42207-A-1-C MS	Matrix Spike	Soluble	Solid	300.0	78084
880-42207-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	78084

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42208-1
SDG: 596103

Client Sample ID: E-4

Date Collected: 04/04/24 09:04
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42208-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	78080	04/12/24 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77984	04/13/24 04:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78191	04/13/24 04:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			78235	04/14/24 02:46	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	78088	04/12/24 15:53	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78108	04/14/24 02:46	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	78084	04/12/24 15:38	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78100	04/12/24 20:06	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42208-1
SDG: 596103

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	T104704400-23-26	06-30-24

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: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42208-1
SDG: 596103

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: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42208-1
SDG: 596103

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-42208-1	E-4	Solid	04/04/24 09:04	04/12/24 14:25

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Chain of Custody

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

W 880-42208 Chain of Custody

www.xenco.com Page 1 of 1

Project Manager	Jared Stoffel	Bill to (if different)	
Company Name	TRC Companies	Company Name	
Address	10 Desta Dr	Address	
City, State ZIP	Midland, TX	City, State ZIP	
Phone	432-238-3003	Email	jstoffel@trccompanies.com

Work Order Comments

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

Project Name	Cotton Draw	Turn Around	
Project Number	596103	☐ Routine ☐ Rush	
Project Location		Due Date	24 hr
Sampler's Name	Emmie Schubert	TAT starts the day received by the lab if received by 4 30pm	
PO #			

SAMPLE RECEIPT				
Temp Blank	Yes (No)	Wet Ice	(Yes) No	
Samples Received Intact:	(Yes) No	Thermometer ID	IR8	
Cooler Custody Seals	Yes No N/A	Correction Factor	-.10	
Sample Custody Seals	Yes No (N/A)	Temperature Reading	3.0	
Total Containers		Corrected Temperature	2.9	

Preservative Codes

None NO DI Water H_2O
Cool Cool MeOH Me
HCL HC HNO_3 HN
H_2SO_4 H_2 NaOH Na
H_3PO_4 HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$, $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: Chlorides E300	TPH 8015	BTEX 8021B	Sample Comments
E-4	Soil	4/4/2024	0904	-	Grab	1		X	X	X	

Total 200.7 / 6010 200.8 / 6020 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1		4/12/24 1425	2		
3			4		
0			6		

Revised Date: 08/25/2020 Rev 2020.2

Received by OCD: 1/27/2025 4:59:55 PM
Released to Imaging: 5/13/2025 2:19:41 PM

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-42208-1
SDG Number: 596103

Login Number: 42208
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel
TRC Solutions, Inc.
10 Desta Drive
Suite #130E
Midland, Texas 79705

Generated 4/16/2024 1:51:21 PM

JOB DESCRIPTION

Cotton Draw
596103

JOB NUMBER

880-42209-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 5/13/2025 2:19:41 PM

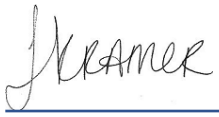
Eurofins Midland

Job Notes

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

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

Authorization



Generated
4/16/2024 1:51:21 PM

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

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Laboratory Job ID: 880-42209-1
SDG: 596103

Table of Contents

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Definitions/Glossary

Client: TRC Solutions, Inc. Job ID: 880-42209-1
Project/Site: Cotton Draw SDG: 596103

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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.

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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: TRC Solutions, Inc.
Project: Cotton Draw

Job ID: 880-42209-1

Job ID: 880-42209-1 Eurofins Midland

Job Narrative
880-42209-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt
The sample was received on 4/12/2024 2:25 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.9°C.

Receipt Exceptions
The following sample was received and analyzed from an unpreserved bulk soil jar: E-3 (880-42209-1).

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

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-42201-A-1-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-78088 and analytical batch 880-78108 was outside control limits. Sample non-homogeneity is suspected.

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

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42209-1
SDG: 596103

Client Sample ID: E-3

Date Collected: 04/04/24 08:15
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42209-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/13/24 04:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/13/24 04:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/13/24 04:39	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/12/24 15:02	04/13/24 04:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/13/24 04:39	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/12/24 15:02	04/13/24 04:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*04/12/24 15:02*	*04/13/24 04:39*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/12/24 15:02*	*04/13/24 04:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/13/24 04:39	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**218**		50.4		mg/Kg			04/14/24 03:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		04/12/24 15:53	04/14/24 03:07	1
Diesel Range Organics (Over C10-C28)	**218**		50.4		mg/Kg		04/12/24 15:53	04/14/24 03:07	1
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/12/24 15:53	04/14/24 03:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*114*		*70 - 130*	*04/12/24 15:53*	*04/14/24 03:07*	*1*
o-Terphenyl	*113*		*70 - 130*	*04/12/24 15:53*	*04/14/24 03:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**114**		5.02		mg/Kg			04/12/24 20:12	1

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42209-1
SDG: 596103

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-42196-A-1-A MS	Matrix Spike	113	101
880-42196-A-1-B MSD	Matrix Spike Duplicate	116	101
880-42209-1	E-3	119	102
LCS 880-78080/1-A	Lab Control Sample	109	99
LCSD 880-78080/2-A	Lab Control Sample Dup	109	99
MB 880-78014/5-A	Method Blank	116	101
MB 880-78080/5-A	Method Blank	116	101

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)
880-42201-A-1-D MS	Matrix Spike	111	104
880-42201-A-1-E MSD	Matrix Spike Duplicate	145 S1+	140 S1+
880-42209-1	E-3	114	113
LCS 880-78088/2-A	Lab Control Sample	92	104
LCSD 880-78088/3-A	Lab Control Sample Dup	77	85
MB 880-78088/1-A	Method Blank	107	107

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42209-1
SDG: 596103

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-78014/5-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78014

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 10:02	04/12/24 12:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 10:02*	*04/12/24 12:39*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 10:02*	*04/12/24 12:39*	*1*

Lab Sample ID: MB 880-78080/5-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78080

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 15:02	04/12/24 23:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 15:02*	*04/12/24 23:25*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 15:02*	*04/12/24 23:25*	*1*

Lab Sample ID: LCS 880-78080/1-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78080

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1054		mg/Kg		105	70 - 130		
Toluene			0.100	0.1063		mg/Kg		106	70 - 130		
Ethylbenzene			0.100	0.1020		mg/Kg		102	70 - 130		
m-Xylene & p-Xylene			0.200	0.2068		mg/Kg		103	70 - 130		
o-Xylene			0.100	0.1026		mg/Kg		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-78080/2-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78080

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1100		mg/Kg		110	70 - 130	4	35

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42209-1
SDG: 596103

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

Lab Sample ID: LCSD 880-78080/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1106		mg/Kg		111	70 - 130	4	35
Ethylbenzene			0.100	0.1073		mg/Kg		107	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.2180		mg/Kg		109	70 - 130	5	35
o-Xylene			0.100	0.1074		mg/Kg		107	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-42196-A-1-A MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0996	0.09973		mg/Kg		100	70 - 130
Toluene	<0.00198	U	0.0996	0.09688		mg/Kg		97	70 - 130
Ethylbenzene	<0.00198	U	0.0996	0.08752		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.199	0.1742		mg/Kg		87	70 - 130
o-Xylene	<0.00198	U	0.0996	0.08678		mg/Kg		87	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-42196-A-1-B MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.101	0.1086		mg/Kg		108	70 - 130	8	35
Toluene	<0.00198	U	0.101	0.1051		mg/Kg		104	70 - 130	8	35
Ethylbenzene	<0.00198	U	0.101	0.09284		mg/Kg		92	70 - 130	6	35
m-Xylene & p-Xylene	<0.00396	U	0.202	0.1854		mg/Kg		92	70 - 130	6	35
o-Xylene	<0.00198	U	0.101	0.09280		mg/Kg		92	70 - 130	7	35

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

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

Lab Sample ID: MB 880-78088/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 78108 — **Prep Batch: 78088**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42209-1
SDG: 596103

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

Lab Sample ID: MB 880-78088/1-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78088

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*04/12/24 15:53*	*04/13/24 19:22*	*1*
o-Terphenyl	*107*		*70 - 130*	*04/12/24 15:53*	*04/13/24 19:22*	*1*

Lab Sample ID: LCS 880-78088/2-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78088

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1018		mg/Kg		102	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1100		mg/Kg		110	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*92*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

Lab Sample ID: LCSD 880-78088/3-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78088

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	893.8		mg/Kg		89	70 - 130	13	20
Diesel Range Organics (Over C10-C28)			1000	937.2		mg/Kg		94	70 - 130	16	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*77*		*70 - 130*
o-Terphenyl	*85*		*70 - 130*

Lab Sample ID: 880-42201-A-1-D MS
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 78088

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	1010	887.8		mg/Kg		84	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.4	U F2	1010	827.4		mg/Kg		80	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*111*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42209-1
SDG: 596103

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

Lab Sample ID: 880-42201-A-1-E MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 78108 — **Prep Batch: 78088**

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	<50.4	U	1010	988.8		mg/Kg		94	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<50.4	U F2	1010	1134	F2	mg/Kg		110	70 - 130	31	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*145*	*S1+*	*70 - 130*
o-Terphenyl	*140*	*S1+*	*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-78084/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78100

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/12/24 19:28	1

Lab Sample ID: LCS 880-78084/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78100

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	246.4		mg/Kg		99	90 - 110		

Lab Sample ID: LCSD 880-78084/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78100

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	246.2		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-42207-A-1-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78100

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	19.7		249	263.0		mg/Kg		98	90 - 110		

Lab Sample ID: 880-42207-A-1-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78100

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	19.7		249	259.3		mg/Kg		96	90 - 110	1	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42209-1
SDG: 596103

GC VOA

Analysis Batch: 77984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42209-1	E-3	Total/NA	Solid	8021B	78080
MB 880-78014/5-A	Method Blank	Total/NA	Solid	8021B	78014
MB 880-78080/5-A	Method Blank	Total/NA	Solid	8021B	78080
LCS 880-78080/1-A	Lab Control Sample	Total/NA	Solid	8021B	78080
LCSD 880-78080/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	78080
880-42196-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	78080
880-42196-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	78080

Prep Batch: 78014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-78014/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 78080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42209-1	E-3	Total/NA	Solid	5035	
MB 880-78080/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-78080/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-78080/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-42196-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-42196-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 78192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42209-1	E-3	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 78088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42209-1	E-3	Total/NA	Solid	8015NM Prep	
MB 880-78088/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-78088/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-78088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-42201-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-42201-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 78108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42209-1	E-3	Total/NA	Solid	8015B NM	78088
MB 880-78088/1-A	Method Blank	Total/NA	Solid	8015B NM	78088
LCS 880-78088/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	78088
LCSD 880-78088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	78088
880-42201-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	78088
880-42201-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	78088

Analysis Batch: 78236

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42209-1	E-3	Total/NA	Solid	8015 NM	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42209-1
SDG: 596103

HPLC/IC

Leach Batch: 78084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42209-1	E-3	Soluble	Solid	DI Leach	
MB 880-78084/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-78084/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-78084/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-42207-A-1-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-42207-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 78100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42209-1	E-3	Soluble	Solid	300.0	78084
MB 880-78084/1-A	Method Blank	Soluble	Solid	300.0	78084
LCS 880-78084/2-A	Lab Control Sample	Soluble	Solid	300.0	78084
LCSD 880-78084/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	78084
880-42207-A-1-C MS	Matrix Spike	Soluble	Solid	300.0	78084
880-42207-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	78084

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42209-1
SDG: 596103

Client Sample ID: E-3

Date Collected: 04/04/24 08:15
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42209-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	78080	04/12/24 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77984	04/13/24 04:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78192	04/13/24 04:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			78236	04/14/24 03:07	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	78088	04/12/24 15:53	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78108	04/14/24 03:07	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	78084	04/12/24 15:38	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78100	04/12/24 20:12	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42209-1
SDG: 596103

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	T104704400-23-26	06-30-24

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: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42209-1
SDG: 596103

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: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42209-1
SDG: 596103

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-42209-1	E-3	Solid	04/04/24 08:15	04/12/24 14:25

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Chain of Custody

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

V 880-42209 Chain of Custody

www.xenco.com Page 1 of 1

Project Manager	Jared Stoffel	Bill to (if different)	
Company Name	TRC Companies	Company Name	
Address	10 Desta Dr	Address	
City, State ZIP	Midland TX	City, State ZIP	
Phone	432-238-3003	Email	jstoffel@trccompanies com

Work Order Comments

Program. UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project.
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables EDD ☐ ADaPT ☐ Other

Project Name	Cotton Draw	Turn Around	☐ Routine ☐ Rush
Project Number	596103	Due Date	24 hr
Project Location		TAT starts the day received by the lab if received by 4 30pm	
Sampler's Name	Emmie Schubert		
PO #			

SAMPLE RECEIPT				
Temp Blank.	Yes No	Wet Ice	Yes No	
Samples Received Intact:	Yes No	Thermometer ID	IR8	
Cooler Custody Seals	Yes No N/A	Correction Factor	-.10	
Sample Custody Seals	Yes No N/A	Temperature Reading	3.0	
Total Containers		Corrected Temperature	2.9	

Preservative Codes

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

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Chlorides E300	TPH 8015	BTEX 8021B	Sample Comments
E-3	Soil	4/4/2024	0815	-	Grab	1	X	X	X	

Total 200.7 / 6010 200.8 / 6020. 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
		4/12/24 1425	2		
3			4		
0			6		

Revised Date: 08/25/2020 Rev 2020.2

Received by OCD: 1/27/2025 4:59:55 PM
Released to Imaging: 5/13/2025 2:19:41 PM

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-42209-1
SDG Number: 596103

Login Number: 42209
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel
TRC Solutions, Inc.
10 Desta Drive
Suite #130E
Midland, Texas 79705

Generated 4/16/2024 1:52:15 PM

JOB DESCRIPTION

Cotton Draw
596103

JOB NUMBER

880-42211-1

Eurofins Midland
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See page two for job notes and contact information.

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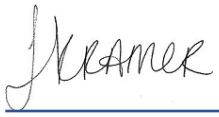
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Job Notes

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

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

Authorization



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Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Laboratory Job ID: 880-42211-1
SDG: 596103

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Definitions/Glossary

Client: TRC Solutions, Inc. Job ID: 880-42211-1
Project/Site: Cotton Draw SDG: 596103

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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.

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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: TRC Solutions, Inc.
Project: Cotton Draw

Job ID: 880-42211-1

Job ID: 880-42211-1 Eurofins Midland

Job Narrative
880-42211-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt
The sample was received on 4/12/2024 2:25 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.9°C.

Receipt Exceptions
The following sample was received and analyzed from an unpreserved bulk soil jar: E-2 (880-42211-1).

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

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-42201-A-1-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-78088 and analytical batch 880-78108 was outside control limits. Sample non-homogeneity is suspected.

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

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42211-1
SDG: 596103

Client Sample ID: E-2

Date Collected: 04/04/24 07:35
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42211-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/12/24 15:02	04/13/24 04:59	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/12/24 15:02	04/13/24 04:59	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/12/24 15:02	04/13/24 04:59	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		04/12/24 15:02	04/13/24 04:59	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/12/24 15:02	04/13/24 04:59	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		04/12/24 15:02	04/13/24 04:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*04/12/24 15:02*	*04/13/24 04:59*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/12/24 15:02*	*04/13/24 04:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			04/13/24 04:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**146**		50.5		mg/Kg			04/14/24 03:28	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		04/12/24 15:53	04/14/24 03:28	1
Diesel Range Organics (Over C10-C28)	**146**		50.5		mg/Kg		04/12/24 15:53	04/14/24 03:28	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		04/12/24 15:53	04/14/24 03:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*125*		*70 - 130*	*04/12/24 15:53*	*04/14/24 03:28*	*1*
o-Terphenyl	*129*		*70 - 130*	*04/12/24 15:53*	*04/14/24 03:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**324**		4.96		mg/Kg			04/12/24 20:25	1

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42211-1
SDG: 596103

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)										
880-42196-A-1-A MS	Matrix Spike	113	101										
880-42196-A-1-B MSD	Matrix Spike Duplicate	116	101										
880-42211-1	E-2	121	102										
LCS 880-78080/1-A	Lab Control Sample	109	99										
LCSD 880-78080/2-A	Lab Control Sample Dup	109	99										
MB 880-78014/5-A	Method Blank	116	101										
MB 880-78080/5-A	Method Blank	116	101										

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)										
880-42201-A-1-D MS	Matrix Spike	111	104										
880-42201-A-1-E MSD	Matrix Spike Duplicate	145 S1+	140 S1+										
880-42211-1	E-2	125	129										
LCS 880-78088/2-A	Lab Control Sample	92	104										
LCSD 880-78088/3-A	Lab Control Sample Dup	77	85										
MB 880-78088/1-A	Method Blank	107	107										

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42211-1
SDG: 596103

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-78014/5-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78014

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 10:02	04/12/24 12:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 10:02*	*04/12/24 12:39*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 10:02*	*04/12/24 12:39*	*1*

Lab Sample ID: MB 880-78080/5-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78080

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 15:02	04/12/24 23:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 15:02*	*04/12/24 23:25*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 15:02*	*04/12/24 23:25*	*1*

Lab Sample ID: LCS 880-78080/1-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78080

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1054		mg/Kg		105	70 - 130		
Toluene			0.100	0.1063		mg/Kg		106	70 - 130		
Ethylbenzene			0.100	0.1020		mg/Kg		102	70 - 130		
m-Xylene & p-Xylene			0.200	0.2068		mg/Kg		103	70 - 130		
o-Xylene			0.100	0.1026		mg/Kg		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-78080/2-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78080

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1100		mg/Kg		110	70 - 130	4	35

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42211-1
SDG: 596103

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

Lab Sample ID: LCSD 880-78080/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1106		mg/Kg		111	70 - 130	4	35
Ethylbenzene			0.100	0.1073		mg/Kg		107	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.2180		mg/Kg		109	70 - 130	5	35
o-Xylene			0.100	0.1074		mg/Kg		107	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-42196-A-1-A MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0996	0.09973		mg/Kg		100	70 - 130
Toluene	<0.00198	U	0.0996	0.09688		mg/Kg		97	70 - 130
Ethylbenzene	<0.00198	U	0.0996	0.08752		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.199	0.1742		mg/Kg		87	70 - 130
o-Xylene	<0.00198	U	0.0996	0.08678		mg/Kg		87	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-42196-A-1-B MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.101	0.1086		mg/Kg		108	70 - 130	8	35
Toluene	<0.00198	U	0.101	0.1051		mg/Kg		104	70 - 130	8	35
Ethylbenzene	<0.00198	U	0.101	0.09284		mg/Kg		92	70 - 130	6	35
m-Xylene & p-Xylene	<0.00396	U	0.202	0.1854		mg/Kg		92	70 - 130	6	35
o-Xylene	<0.00198	U	0.101	0.09280		mg/Kg		92	70 - 130	7	35

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

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

Lab Sample ID: MB 880-78088/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 78108 — **Prep Batch: 78088**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42211-1
SDG: 596103

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

Lab Sample ID: MB 880-78088/1-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78088

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*04/12/24 15:53*	*04/13/24 19:22*	*1*
o-Terphenyl	*107*		*70 - 130*	*04/12/24 15:53*	*04/13/24 19:22*	*1*

Lab Sample ID: LCS 880-78088/2-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78088

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1018		mg/Kg		102	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1100		mg/Kg		110	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*92*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

Lab Sample ID: LCSD 880-78088/3-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78088

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	893.8		mg/Kg		89	70 - 130	13	20
Diesel Range Organics (Over C10-C28)			1000	937.2		mg/Kg		94	70 - 130	16	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*77*		*70 - 130*
o-Terphenyl	*85*		*70 - 130*

Lab Sample ID: 880-42201-A-1-D MS
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 78088

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	1010	887.8		mg/Kg		84	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.4	U F2	1010	827.4		mg/Kg		80	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*111*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42211-1
SDG: 596103

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

Lab Sample ID: 880-42201-A-1-E MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 78108 — **Prep Batch: 78088**

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	<50.4	U	1010	988.8		mg/Kg		94	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<50.4	U F2	1010	1134	F2	mg/Kg		110	70 - 130	31	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*145*	*S1+*	*70 - 130*
o-Terphenyl	*140*	*S1+*	*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-78084/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78100

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/12/24 19:28	1

Lab Sample ID: LCS 880-78084/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78100

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	246.4		mg/Kg		99	90 - 110		

Lab Sample ID: LCSD 880-78084/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78100

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	246.2		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-42207-A-1-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78100

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	19.7		249	263.0		mg/Kg		98	90 - 110		

Lab Sample ID: 880-42207-A-1-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78100

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	19.7		249	259.3		mg/Kg		96	90 - 110	1	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42211-1
SDG: 596103

GC VOA

Analysis Batch: 77984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42211-1	E-2	Total/NA	Solid	8021B	78080
MB 880-78014/5-A	Method Blank	Total/NA	Solid	8021B	78014
MB 880-78080/5-A	Method Blank	Total/NA	Solid	8021B	78080
LCS 880-78080/1-A	Lab Control Sample	Total/NA	Solid	8021B	78080
LCSD 880-78080/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	78080
880-42196-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	78080
880-42196-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	78080

Prep Batch: 78014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-78014/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 78080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42211-1	E-2	Total/NA	Solid	5035	
MB 880-78080/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-78080/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-78080/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-42196-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-42196-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 78193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42211-1	E-2	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 78088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42211-1	E-2	Total/NA	Solid	8015NM Prep	
MB 880-78088/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-78088/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-78088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-42201-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-42201-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 78108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42211-1	E-2	Total/NA	Solid	8015B NM	78088
MB 880-78088/1-A	Method Blank	Total/NA	Solid	8015B NM	78088
LCS 880-78088/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	78088
LCSD 880-78088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	78088
880-42201-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	78088
880-42201-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	78088

Analysis Batch: 78237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42211-1	E-2	Total/NA	Solid	8015 NM	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42211-1
SDG: 596103

HPLC/IC

Leach Batch: 78084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42211-1	E-2	Soluble	Solid	DI Leach	
MB 880-78084/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-78084/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-78084/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-42207-A-1-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-42207-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 78100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42211-1	E-2	Soluble	Solid	300.0	78084
MB 880-78084/1-A	Method Blank	Soluble	Solid	300.0	78084
LCS 880-78084/2-A	Lab Control Sample	Soluble	Solid	300.0	78084
LCSD 880-78084/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	78084
880-42207-A-1-C MS	Matrix Spike	Soluble	Solid	300.0	78084
880-42207-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	78084

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42211-1
SDG: 596103

Client Sample ID: E-2

Date Collected: 04/04/24 07:35
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42211-1

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			5.04 g	5 mL	78080	04/12/24 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77984	04/13/24 04:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78193	04/13/24 04:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			78237	04/14/24 03:28	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	78088	04/12/24 15:53	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78108	04/14/24 03:28	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	78084	04/12/24 15:38	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78100	04/12/24 20:25	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42211-1
SDG: 596103

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	T104704400-23-26	06-30-24

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: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42211-1
SDG: 596103

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: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42211-1
SDG: 596103

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-42211-1	E-2	Solid	04/04/24 07:35	04/12/24 14:25

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Chain of Custody

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

Wo 880-42211 Chain of Custody

www.xenco.com Page 1 of 1

Project Manager	Jared Stoffel	Bill to (if different)	
Company Name	TRC Companies	Company Name	
Address	10 Desta Dr	Address	
City, State ZIP	Midland, TX	City, State ZIP	
Phone	432-238-3003	Email	jstoffel@trccompanies.com

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project.
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables EDD ☐ ADaPT ☐ Other

Project Name	Cotton Draw	Turn Around	☑ Routine ☐ Rush
Project Number	596103	Due Date	24 hr
Project Location		TAT starts the day received by the lab if received by 4.30pm	
Sampler's Name	Emmie Schubert		
PO #			

SAMPLE RECEIPT				
Temp Blank	Yes (No)	Wet Ice	(Yes) No	
Samples Received Intact:	(Yes) No	Thermometer ID	IR8	
Cooler Custody Seals	Yes No N/A	Correction Factor	-.10	
Sample Custody Seals	Yes No (N/A)	Temperature Reading	3.0	
Total Containers		Corrected Temperature	2.9	

Preservative Codes

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

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: Chlorides E300	TPH 8015	BTEX 8021B	Sample Comments
E-2	Soil	4/4/2024	0735	-	Grab	1		X	X	X	

ANALYSIS REQUEST

Total 200.7 / 6010 200.8 / 6020. 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1		4/12/24 1425	2		
3			4		
0			6		

Revised Date: 08/25/2020 Rev 2020.2

Received by OCD: 1/27/2025 4:59:55 PM

Released to Imaging: 5/13/2025 2:19:41 PM

4/16/2024

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-42211-1
SDG Number: 596103

Login Number: 42211
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel
TRC Solutions, Inc.
10 Desta Drive
Suite #130E
Midland, Texas 79705

Generated 4/16/2024 1:52:51 PM

JOB DESCRIPTION

Cotton Draw
596103

JOB NUMBER

880-42212-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 5/13/2025 2:19:41 PM

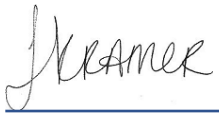
Eurofins Midland

Job Notes

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

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

Authorization



Generated
4/16/2024 1:52:51 PM

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

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Laboratory Job ID: 880-42212-1
SDG: 596103

Table of Contents

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Definitions/Glossary

Client: TRC Solutions, Inc. Job ID: 880-42212-1
Project/Site: Cotton Draw SDG: 596103

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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.

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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: TRC Solutions, Inc.
Project: Cotton Draw

Job ID: 880-42212-1

Job ID: 880-42212-1 Eurofins Midland

Job Narrative
880-42212-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt
The sample was received on 4/12/2024 2:25 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.9°C.

Receipt Exceptions
The following sample was received and analyzed from an unpreserved bulk soil jar: E-1 (880-42212-1).

GC VOA
Method 8021B: Surrogate recovery for the following sample was outside control limits: E-1 (880-42212-1). 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.

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-42201-A-1-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-78088 and analytical batch 880-78108 was outside control limits. Sample non-homogeneity is suspected.

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

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42212-1
SDG: 596103

Client Sample ID: E-1

Date Collected: 04/04/24 07:05
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42212-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/13/24 05:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/13/24 05:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/13/24 05:19	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 15:02	04/13/24 05:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/13/24 05:19	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 15:02	04/13/24 05:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*149*	*S1+*	*70 - 130*	*04/12/24 15:02*	*04/13/24 05:19*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*04/12/24 15:02*	*04/13/24 05:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/13/24 05:19	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**104**		50.0		mg/Kg			04/14/24 03:50	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/14/24 03:50	1
Diesel Range Organics (Over C10-C28)	**104**		50.0		mg/Kg		04/12/24 15:53	04/14/24 03:50	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/14/24 03:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*04/12/24 15:53*	*04/14/24 03:50*	*1*
o-Terphenyl	*124*		*70 - 130*	*04/12/24 15:53*	*04/14/24 03:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**38.1**		5.01		mg/Kg			04/12/24 20:44	1

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42212-1
SDG: 596103

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-42196-A-1-A MS	Matrix Spike	113	101
880-42196-A-1-B MSD	Matrix Spike Duplicate	116	101
880-42212-1	E-1	149 S1+	87
LCS 880-78080/1-A	Lab Control Sample	109	99
LCSD 880-78080/2-A	Lab Control Sample Dup	109	99
MB 880-78014/5-A	Method Blank	116	101
MB 880-78080/5-A	Method Blank	116	101

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)
880-42201-A-1-D MS	Matrix Spike	111	104
880-42201-A-1-E MSD	Matrix Spike Duplicate	145 S1+	140 S1+
880-42212-1	E-1	122	124
LCS 880-78088/2-A	Lab Control Sample	92	104
LCSD 880-78088/3-A	Lab Control Sample Dup	77	85
MB 880-78088/1-A	Method Blank	107	107

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42212-1
SDG: 596103

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-78014/5-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78014

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 10:02	04/12/24 12:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 10:02*	*04/12/24 12:39*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 10:02*	*04/12/24 12:39*	*1*

Lab Sample ID: MB 880-78080/5-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78080

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 15:02	04/12/24 23:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 15:02*	*04/12/24 23:25*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 15:02*	*04/12/24 23:25*	*1*

Lab Sample ID: LCS 880-78080/1-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78080

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1054		mg/Kg		105	70 - 130		
Toluene			0.100	0.1063		mg/Kg		106	70 - 130		
Ethylbenzene			0.100	0.1020		mg/Kg		102	70 - 130		
m-Xylene & p-Xylene			0.200	0.2068		mg/Kg		103	70 - 130		
o-Xylene			0.100	0.1026		mg/Kg		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-78080/2-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78080

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1100		mg/Kg		110	70 - 130	4	35

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42212-1
SDG: 596103

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

Lab Sample ID: LCSD 880-78080/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1106		mg/Kg		111	70 - 130	4	35
Ethylbenzene			0.100	0.1073		mg/Kg		107	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.2180		mg/Kg		109	70 - 130	5	35
o-Xylene			0.100	0.1074		mg/Kg		107	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-42196-A-1-A MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0996	0.09973		mg/Kg		100	70 - 130
Toluene	<0.00198	U	0.0996	0.09688		mg/Kg		97	70 - 130
Ethylbenzene	<0.00198	U	0.0996	0.08752		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.199	0.1742		mg/Kg		87	70 - 130
o-Xylene	<0.00198	U	0.0996	0.08678		mg/Kg		87	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-42196-A-1-B MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.101	0.1086		mg/Kg		108	70 - 130	8	35
Toluene	<0.00198	U	0.101	0.1051		mg/Kg		104	70 - 130	8	35
Ethylbenzene	<0.00198	U	0.101	0.09284		mg/Kg		92	70 - 130	6	35
m-Xylene & p-Xylene	<0.00396	U	0.202	0.1854		mg/Kg		92	70 - 130	6	35
o-Xylene	<0.00198	U	0.101	0.09280		mg/Kg		92	70 - 130	7	35

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

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

Lab Sample ID: MB 880-78088/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 78108 — **Prep Batch: 78088**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42212-1
SDG: 596103

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

Lab Sample ID: MB 880-78088/1-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78088

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*04/12/24 15:53*	*04/13/24 19:22*	*1*
o-Terphenyl	*107*		*70 - 130*	*04/12/24 15:53*	*04/13/24 19:22*	*1*

Lab Sample ID: LCS 880-78088/2-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78088

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1018		mg/Kg		102	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1100		mg/Kg		110	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*92*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

Lab Sample ID: LCSD 880-78088/3-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78088

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	893.8		mg/Kg		89	70 - 130	13	20
Diesel Range Organics (Over C10-C28)			1000	937.2		mg/Kg		94	70 - 130	16	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*77*		*70 - 130*
o-Terphenyl	*85*		*70 - 130*

Lab Sample ID: 880-42201-A-1-D MS
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 78088

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	1010	887.8		mg/Kg		84	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.4	U F2	1010	827.4		mg/Kg		80	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*111*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42212-1
SDG: 596103

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

Lab Sample ID: 880-42201-A-1-E MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 78108 — **Prep Batch: 78088**

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	<50.4	U	1010	988.8		mg/Kg		94	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<50.4	U F2	1010	1134	F2	mg/Kg		110	70 - 130	31	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*145*	*S1+*	*70 - 130*
o-Terphenyl	*140*	*S1+*	*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-78084/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78100

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/12/24 19:28	1

Lab Sample ID: LCS 880-78084/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78100

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	246.4		mg/Kg		99	90 - 110		

Lab Sample ID: LCSD 880-78084/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78100

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	246.2		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-42207-A-1-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78100

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	19.7		249	263.0		mg/Kg		98	90 - 110		

Lab Sample ID: 880-42207-A-1-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78100

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	19.7		249	259.3		mg/Kg		96	90 - 110	1	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42212-1
SDG: 596103

GC VOA

Analysis Batch: 77984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42212-1	E-1	Total/NA	Solid	8021B	78080
MB 880-78014/5-A	Method Blank	Total/NA	Solid	8021B	78014
MB 880-78080/5-A	Method Blank	Total/NA	Solid	8021B	78080
LCS 880-78080/1-A	Lab Control Sample	Total/NA	Solid	8021B	78080
LCSD 880-78080/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	78080
880-42196-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	78080
880-42196-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	78080

Prep Batch: 78014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-78014/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 78080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42212-1	E-1	Total/NA	Solid	5035	
MB 880-78080/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-78080/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-78080/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-42196-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-42196-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 78194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42212-1	E-1	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 78088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42212-1	E-1	Total/NA	Solid	8015NM Prep	
MB 880-78088/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-78088/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-78088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-42201-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-42201-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 78108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42212-1	E-1	Total/NA	Solid	8015B NM	78088
MB 880-78088/1-A	Method Blank	Total/NA	Solid	8015B NM	78088
LCS 880-78088/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	78088
LCSD 880-78088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	78088
880-42201-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	78088
880-42201-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	78088

Analysis Batch: 78238

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42212-1	E-1	Total/NA	Solid	8015 NM	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42212-1
SDG: 596103

HPLC/IC

Leach Batch: 78084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42212-1	E-1	Soluble	Solid	DI Leach	
MB 880-78084/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-78084/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-78084/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-42207-A-1-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-42207-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 78100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42212-1	E-1	Soluble	Solid	300.0	78084
MB 880-78084/1-A	Method Blank	Soluble	Solid	300.0	78084
LCS 880-78084/2-A	Lab Control Sample	Soluble	Solid	300.0	78084
LCSD 880-78084/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	78084
880-42207-A-1-C MS	Matrix Spike	Soluble	Solid	300.0	78084
880-42207-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	78084

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42212-1
SDG: 596103

Client Sample ID: E-1

Date Collected: 04/04/24 07:05
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42212-1

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			5.00 g	5 mL	78080	04/12/24 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77984	04/13/24 05:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78194	04/13/24 05:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			78238	04/14/24 03:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	78088	04/12/24 15:53	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78108	04/14/24 03:50	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	78084	04/12/24 15:38	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78100	04/12/24 20:44	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42212-1
SDG: 596103

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	T104704400-23-26	06-30-24

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: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42212-1
SDG: 596103

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: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42212-1
SDG: 596103

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-42212-1	E-1	Solid	04/04/24 07:05	04/12/24 14:25

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Chain of Custody

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

Work 880-42212 Chain of Custody

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Project Manager	Jared Stoffel	Bill to (if different)	
Company Name	TRC Companies	Company Name	
Address	10 Desta Dr	Address	
City, State ZIP	Midland, TX	City, State ZIP	
Phone	432-238-3003	Email	jstoffel@trccompanies.com

Work Order Comments

Program UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project.
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables EDD ☐ ADaPT ☐ Other

Project Name	Cotton Draw	Turn Around	
Project Number	596103	☑ Routine ☐ Rush	
Project Location		Due Date	24 hr
Sampler's Name	Emmie Schubert	TAT starts the day received by the lab, if received by 4 30pm	
PO #			

SAMPLE RECEIPT			
Temp Blank	Yes (No)	Wet Ice	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID	IR6
Cooler Custody Seals	Yes No (N/A)	Correction Factor	-.10
Sample Custody Seals	Yes No (N/A)	Temperature Reading	3.0
Total Containers		Corrected Temperature	2.9

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters	Chlorides E300	TPH 8015	BTEX 8021B
E-1	Soil	4/4/2024	0705	-	Grab	1			X	X	X

Preservative Codes

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

Sample Comments

Total 200.7 / 6010 200.8 / 6020 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1		4/12/24 1425	2		
3			4		
0			6		

Revised Date: 08/25/2020 Rev 2020.2

Received by OCD: 1/27/2025 4:59:55 PM

Released to Imaging: 5/13/2025 2:19:41 PM

4/16/2024

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-42212-1
SDG Number: 596103

Login Number: 42212
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel
TRC Solutions, Inc.
10 Desta Drive
Suite #130E
Midland, Texas 79705

Generated 4/16/2024 1:53:41 PM

JOB DESCRIPTION

Cotton Draw
596103

JOB NUMBER

880-42213-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 5/13/2025 2:19:41 PM

my EOL

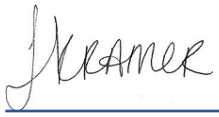
Eurofins Midland

Job Notes

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

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

Authorization



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4/16/2024 1:53:41 PM

Authorized for release by
Jessica Kramer, Project Manager
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Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Laboratory Job ID: 880-42213-1
SDG: 596103

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Definitions/Glossary

Client: TRC Solutions, Inc. Job ID: 880-42213-1
Project/Site: Cotton Draw SDG: 596103

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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.

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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: TRC Solutions, Inc.
Project: Cotton Draw

Job ID: 880-42213-1

Job ID: 880-42213-1 Eurofins Midland

Job Narrative
880-42213-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt
The samples were received on 4/12/2024 2:25 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 2.9°C.

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: W-2 (880-42213-4) and W-10 (880-42213-12). 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.

GC Semi VOA
Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-78087 and analytical batch 880-78106 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: N-1 (880-42213-1), S-2 (880-42213-2), W-1 (880-42213-3), W-2 (880-42213-4), W-3 (880-42213-5), W-4 (880-42213-6), W-5 (880-42213-7), W-6 (880-42213-8), W-7 (880-42213-9), W-8 (880-42213-10), W-9 (880-42213-11), W-10 (880-42213-12), W-11 (880-42213-13), W-12 (880-42213-14), W-13 (880-42213-15), W-14 (880-42213-16), W-15 (880-42213-17), W-16 (880-42213-18), W-18 (880-42213-20), (880-42213-A-8-D MS) and (880-42213-A-8-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-42201-A-1-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-78088 and analytical batch 880-78108 was outside control limits. Sample non-homogeneity is suspected.

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

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

Client Sample ID: N-1

Lab Sample ID: 880-42213-1
Matrix: Solid
Date Collected: 04/04/24 07:00
Date Received: 04/12/24 14:25

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/12/24 15:01	04/12/24 22:53	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/12/24 15:01	04/12/24 22:53	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/12/24 15:01	04/12/24 22:53	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/12/24 15:01	04/12/24 22:53	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/12/24 15:01	04/12/24 22:53	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/12/24 15:01	04/12/24 22:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*04/12/24 15:01*	*04/12/24 22:53*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*04/12/24 15:01*	*04/12/24 22:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/12/24 22:53	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/13/24 21:28	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/12/24 15:46	04/13/24 21:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/12/24 15:46	04/13/24 21:28	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/12/24 15:46	04/13/24 21:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*133*	*S1+*	*70 - 130*	*04/12/24 15:46*	*04/13/24 21:28*	*1*
o-Terphenyl	*114*		*70 - 130*	*04/12/24 15:46*	*04/13/24 21:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**304**		5.02		mg/Kg			04/12/24 20:50	1

Client Sample ID: S-2

Lab Sample ID: 880-42213-2
Matrix: Solid
Date Collected: 04/04/24 11:10
Date Received: 04/12/24 14:25

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/12/24 15:01	04/12/24 23:14	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/12/24 15:01	04/12/24 23:14	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/12/24 15:01	04/12/24 23:14	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/12/24 15:01	04/12/24 23:14	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/12/24 15:01	04/12/24 23:14	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/12/24 15:01	04/12/24 23:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*04/12/24 15:01*	*04/12/24 23:14*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/12/24 15:01*	*04/12/24 23:14*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

Client Sample ID: S-2

Lab Sample ID: 880-42213-2
Matrix: Solid
Date Collected: 04/04/24 11:10
Date Received: 04/12/24 14:25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/12/24 23:14	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			04/13/24 21:50	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		04/12/24 15:46	04/13/24 21:50	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		04/12/24 15:46	04/13/24 21:50	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		04/12/24 15:46	04/13/24 21:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*154*	*S1+*	*70 - 130*	*04/12/24 15:46*	*04/13/24 21:50*	*1*
o-Terphenyl	*121*		*70 - 130*	*04/12/24 15:46*	*04/13/24 21:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4030**		25.2		mg/Kg			04/12/24 20:57	5

Client Sample ID: W-1

Lab Sample ID: 880-42213-3
Matrix: Solid
Date Collected: 04/04/24 07:00
Date Received: 04/12/24 14:25

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/12/24 15:01	04/12/24 23:34	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/12/24 15:01	04/12/24 23:34	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/12/24 15:01	04/12/24 23:34	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/12/24 15:01	04/12/24 23:34	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/12/24 15:01	04/12/24 23:34	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/12/24 15:01	04/12/24 23:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*04/12/24 15:01*	*04/12/24 23:34*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*04/12/24 15:01*	*04/12/24 23:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/12/24 23:34	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/13/24 22:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/12/24 15:46	04/13/24 22:11	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/12/24 15:46	04/13/24 22:11	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

Client Sample ID: W-1

Lab Sample ID: 880-42213-3
Matrix: Solid
Date Collected: 04/04/24 07:00
Date Received: 04/12/24 14:25

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/12/24 15:46	04/13/24 22:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*141*	*S1+*	*70 - 130*	*04/12/24 15:46*	*04/13/24 22:11*	*1*
o-Terphenyl	*118*		*70 - 130*	*04/12/24 15:46*	*04/13/24 22:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2130**		24.8		mg/Kg			04/12/24 21:03	5

Client Sample ID: W-2

Lab Sample ID: 880-42213-4
Matrix: Solid
Date Collected: 04/04/24 07:40
Date Received: 04/12/24 14:25

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/12/24 15:01	04/12/24 23:55	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/12/24 15:01	04/12/24 23:55	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/12/24 15:01	04/12/24 23:55	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/12/24 15:01	04/12/24 23:55	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/12/24 15:01	04/12/24 23:55	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/12/24 15:01	04/12/24 23:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*04/12/24 15:01*	*04/12/24 23:55*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/12/24 15:01*	*04/12/24 23:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/12/24 23:55	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**49.9**		49.9		mg/Kg			04/13/24 22:32	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/12/24 15:46	04/13/24 22:32	1
Diesel Range Organics (Over C10-C28)	**49.9**		49.9		mg/Kg		04/12/24 15:46	04/13/24 22:32	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/12/24 15:46	04/13/24 22:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*140*	*S1+*	*70 - 130*	*04/12/24 15:46*	*04/13/24 22:32*	*1*
o-Terphenyl	*115*		*70 - 130*	*04/12/24 15:46*	*04/13/24 22:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4070**		24.8		mg/Kg			04/12/24 21:09	5

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

Client Sample ID: W-3

Lab Sample ID: 880-42213-5
Matrix: Solid
Date Collected: 04/04/24 08:20
Date Received: 04/12/24 14:25

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:01	04/13/24 00:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:01	04/13/24 00:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:01	04/13/24 00:15	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/12/24 15:01	04/13/24 00:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:01	04/13/24 00:15	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/12/24 15:01	04/13/24 00:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 15:01*	*04/13/24 00:15*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/12/24 15:01*	*04/13/24 00:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/13/24 00:15	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/13/24 22:53	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/12/24 15:46	04/13/24 22:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/12/24 15:46	04/13/24 22:53	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/12/24 15:46	04/13/24 22:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*148*	*S1+*	*70 - 130*	*04/12/24 15:46*	*04/13/24 22:53*	*1*
o-Terphenyl	*116*		*70 - 130*	*04/12/24 15:46*	*04/13/24 22:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**25.0**		5.03		mg/Kg			04/12/24 21:16	1

Client Sample ID: W-4

Lab Sample ID: 880-42213-6
Matrix: Solid
Date Collected: 04/04/24 08:59
Date Received: 04/12/24 14:25

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:01	04/13/24 00:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:01	04/13/24 00:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:01	04/13/24 00:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 15:01	04/13/24 00:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:01	04/13/24 00:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 15:01	04/13/24 00:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*04/12/24 15:01*	*04/13/24 00:36*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/12/24 15:01*	*04/13/24 00:36*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

Client Sample ID: W-4

Date Collected: 04/04/24 08:59
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42213-6
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/13/24 00:36	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/13/24 23:13	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/12/24 15:46	04/13/24 23:13	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/12/24 15:46	04/13/24 23:13	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/12/24 15:46	04/13/24 23:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*144*	*S1+*	*70 - 130*	*04/12/24 15:46*	*04/13/24 23:13*	*1*
o-Terphenyl	*126*		*70 - 130*	*04/12/24 15:46*	*04/13/24 23:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**24.4**		4.99		mg/Kg			04/12/24 21:35	1

Client Sample ID: W-5

Date Collected: 04/04/24 09:30
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42213-7
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:01	04/13/24 00:56	1
Toluene	**0.00203**		0.00200		mg/Kg		04/12/24 15:01	04/13/24 00:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:01	04/13/24 00:56	1
m-Xylene & p-Xylene	**0.00535**		0.00399		mg/Kg		04/12/24 15:01	04/13/24 00:56	1
o-Xylene	**0.00233**		0.00200		mg/Kg		04/12/24 15:01	04/13/24 00:56	1
Xylenes, Total	**0.00768**		0.00399		mg/Kg		04/12/24 15:01	04/13/24 00:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 15:01*	*04/13/24 00:56*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*04/12/24 15:01*	*04/13/24 00:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00971**		0.00399		mg/Kg			04/13/24 00:56	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			04/13/24 23:34	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		04/12/24 15:46	04/13/24 23:34	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		04/12/24 15:46	04/13/24 23:34	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

Client Sample ID: W-5

Lab Sample ID: 880-42213-7
Matrix: Solid
Date Collected: 04/04/24 09:30
Date Received: 04/12/24 14:25

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/12/24 15:46	04/13/24 23:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*142*	*S1+*	*70 - 130*	*04/12/24 15:46*	*04/13/24 23:34*	*1*
o-Terphenyl	*119*		*70 - 130*	*04/12/24 15:46*	*04/13/24 23:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.9**		5.00		mg/Kg			04/12/24 21:41	1

Client Sample ID: W-6

Lab Sample ID: 880-42213-8
Matrix: Solid
Date Collected: 04/04/24 09:50
Date Received: 04/12/24 14:25

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/12/24 15:01	04/13/24 01:16	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/12/24 15:01	04/13/24 01:16	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/12/24 15:01	04/13/24 01:16	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		04/12/24 15:01	04/13/24 01:16	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/12/24 15:01	04/13/24 01:16	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/12/24 15:01	04/13/24 01:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*04/12/24 15:01*	*04/13/24 01:16*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*04/12/24 15:01*	*04/13/24 01:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/13/24 01:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/13/24 20:25	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/12/24 15:46	04/13/24 20:25	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/12/24 15:46	04/13/24 20:25	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/12/24 15:46	04/13/24 20:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*145*	*S1+*	*70 - 130*	*04/12/24 15:46*	*04/13/24 20:25*	*1*
o-Terphenyl	*119*		*70 - 130*	*04/12/24 15:46*	*04/13/24 20:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1250**		4.98		mg/Kg			04/12/24 22:00	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

Client Sample ID: W-7

Lab Sample ID: 880-42213-9
Matrix: Solid
Date Collected: 04/04/24 10:20
Date Received: 04/12/24 14:25

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/12/24 15:01	04/13/24 01:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/12/24 15:01	04/13/24 01:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/12/24 15:01	04/13/24 01:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/12/24 15:01	04/13/24 01:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/12/24 15:01	04/13/24 01:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/12/24 15:01	04/13/24 01:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*04/12/24 15:01*	*04/13/24 01:37*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/12/24 15:01*	*04/13/24 01:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/13/24 01:37	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			04/13/24 23:55	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		04/12/24 15:46	04/13/24 23:55	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		04/12/24 15:46	04/13/24 23:55	1
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/12/24 15:46	04/13/24 23:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*150*	*S1+*	*70 - 130*	*04/12/24 15:46*	*04/13/24 23:55*	*1*
o-Terphenyl	*120*		*70 - 130*	*04/12/24 15:46*	*04/13/24 23:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2000**		25.1		mg/Kg			04/12/24 22:06	5

Client Sample ID: W-8

Lab Sample ID: 880-42213-10
Matrix: Solid
Date Collected: 04/04/24 10:50
Date Received: 04/12/24 14:25

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/12/24 15:01	04/13/24 01:57	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/12/24 15:01	04/13/24 01:57	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/12/24 15:01	04/13/24 01:57	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/12/24 15:01	04/13/24 01:57	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/12/24 15:01	04/13/24 01:57	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/12/24 15:01	04/13/24 01:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*04/12/24 15:01*	*04/13/24 01:57*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*04/12/24 15:01*	*04/13/24 01:57*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

Client Sample ID: W-8

Date Collected: 04/04/24 10:50
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42213-10
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/13/24 01:57	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			04/14/24 00:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		04/12/24 15:46	04/14/24 00:16	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		04/12/24 15:46	04/14/24 00:16	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		04/12/24 15:46	04/14/24 00:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*134*	*S1+*	*70 - 130*	*04/12/24 15:46*	*04/14/24 00:16*	*1*
o-Terphenyl	*112*		*70 - 130*	*04/12/24 15:46*	*04/14/24 00:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1990**		25.2		mg/Kg			04/12/24 22:13	5

Client Sample ID: W-9

Date Collected: 04/04/24 12:30
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42213-11
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/12/24 15:01	04/13/24 03:30	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/12/24 15:01	04/13/24 03:30	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/12/24 15:01	04/13/24 03:30	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		04/12/24 15:01	04/13/24 03:30	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/12/24 15:01	04/13/24 03:30	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/12/24 15:01	04/13/24 03:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*04/12/24 15:01*	*04/13/24 03:30*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*04/12/24 15:01*	*04/13/24 03:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/13/24 03:30	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/14/24 00:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/12/24 15:46	04/14/24 00:59	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/12/24 15:46	04/14/24 00:59	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

Client Sample ID: W-9

Lab Sample ID: 880-42213-11
Matrix: Solid
Date Collected: 04/04/24 12:30
Date Received: 04/12/24 14:25

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/12/24 15:46	04/14/24 00:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*134*	*S1+*	*70 - 130*	*04/12/24 15:46*	*04/14/24 00:59*	*1*
o-Terphenyl	*104*		*70 - 130*	*04/12/24 15:46*	*04/14/24 00:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13.7**		5.01		mg/Kg			04/12/24 22:19	1

Client Sample ID: W-10

Lab Sample ID: 880-42213-12
Matrix: Solid
Date Collected: 04/04/24 12:55
Date Received: 04/12/24 14:25

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:01	04/13/24 03:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:01	04/13/24 03:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:01	04/13/24 03:50	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/12/24 15:01	04/13/24 03:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:01	04/13/24 03:50	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/12/24 15:01	04/13/24 03:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*04/12/24 15:01*	*04/13/24 03:50*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*04/12/24 15:01*	*04/13/24 03:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/13/24 03:50	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/14/24 01:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/12/24 15:46	04/14/24 01:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/12/24 15:46	04/14/24 01:20	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/12/24 15:46	04/14/24 01:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*131*	*S1+*	*70 - 130*	*04/12/24 15:46*	*04/14/24 01:20*	*1*
o-Terphenyl	*114*		*70 - 130*	*04/12/24 15:46*	*04/14/24 01:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**48.0**		5.00		mg/Kg			04/12/24 22:26	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

Client Sample ID: W-11

Date Collected: 04/04/24 13:20
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42213-13
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/12/24 15:01	04/13/24 04:11	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/12/24 15:01	04/13/24 04:11	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/12/24 15:01	04/13/24 04:11	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		04/12/24 15:01	04/13/24 04:11	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/12/24 15:01	04/13/24 04:11	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		04/12/24 15:01	04/13/24 04:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*04/12/24 15:01*	*04/13/24 04:11*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/12/24 15:01*	*04/13/24 04:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			04/13/24 04:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/14/24 01:42	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/12/24 15:46	04/14/24 01:42	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/12/24 15:46	04/14/24 01:42	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/12/24 15:46	04/14/24 01:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*155*	*S1+*	*70 - 130*	*04/12/24 15:46*	*04/14/24 01:42*	*1*
o-Terphenyl	*132*	*S1+*	*70 - 130*	*04/12/24 15:46*	*04/14/24 01:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2290**		24.9		mg/Kg			04/12/24 22:32	5

Client Sample ID: W-12

Date Collected: 04/04/24 13:40
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42213-14
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:01	04/13/24 04:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:01	04/13/24 04:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:01	04/13/24 04:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 15:01	04/13/24 04:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:01	04/13/24 04:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 15:01	04/13/24 04:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*04/12/24 15:01*	*04/13/24 04:31*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*04/12/24 15:01*	*04/13/24 04:31*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

Client Sample ID: W-12

Date Collected: 04/04/24 13:40
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42213-14
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/13/24 04:31	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/14/24 02:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/12/24 15:46	04/14/24 02:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/12/24 15:46	04/14/24 02:03	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/12/24 15:46	04/14/24 02:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*134*	*S1+*	*70 - 130*	*04/12/24 15:46*	*04/14/24 02:03*	*1*
o-Terphenyl	*112*		*70 - 130*	*04/12/24 15:46*	*04/14/24 02:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**57.2**		4.99		mg/Kg			04/12/24 22:38	1

Client Sample ID: W-13

Date Collected: 04/05/24 08:15
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42213-15
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/12/24 15:01	04/13/24 04:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/12/24 15:01	04/13/24 04:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/12/24 15:01	04/13/24 04:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/12/24 15:01	04/13/24 04:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/12/24 15:01	04/13/24 04:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/12/24 15:01	04/13/24 04:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*04/12/24 15:01*	*04/13/24 04:52*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/12/24 15:01*	*04/13/24 04:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/13/24 04:52	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/14/24 02:24	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/12/24 15:46	04/14/24 02:24	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/12/24 15:46	04/14/24 02:24	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

Client Sample ID: W-13

Date Collected: 04/05/24 08:15
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42213-15
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/12/24 15:46	04/14/24 02:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*144*	*S1+*	*70 - 130*	*04/12/24 15:46*	*04/14/24 02:24*	*1*
o-Terphenyl	*110*		*70 - 130*	*04/12/24 15:46*	*04/14/24 02:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.8**		5.02		mg/Kg			04/12/24 22:50	1

Client Sample ID: W-14

Date Collected: 04/05/24 08:33
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42213-16
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/12/24 15:01	04/13/24 05:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/12/24 15:01	04/13/24 05:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/12/24 15:01	04/13/24 05:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/12/24 15:01	04/13/24 05:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/12/24 15:01	04/13/24 05:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/12/24 15:01	04/13/24 05:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*04/12/24 15:01*	*04/13/24 05:12*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*04/12/24 15:01*	*04/13/24 05:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/13/24 05:12	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			04/14/24 02:46	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		04/12/24 15:46	04/14/24 02:46	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		04/12/24 15:46	04/14/24 02:46	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/12/24 15:46	04/14/24 02:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*136*	*S1+*	*70 - 130*	*04/12/24 15:46*	*04/14/24 02:46*	*1*
o-Terphenyl	*107*		*70 - 130*	*04/12/24 15:46*	*04/14/24 02:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**125**		5.04		mg/Kg			04/12/24 22:56	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

Client Sample ID: W-15

Date Collected: 04/05/24 08:45
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42213-17
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/12/24 15:01	04/13/24 05:33	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/12/24 15:01	04/13/24 05:33	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/12/24 15:01	04/13/24 05:33	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/12/24 15:01	04/13/24 05:33	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/12/24 15:01	04/13/24 05:33	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/12/24 15:01	04/13/24 05:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*04/12/24 15:01*	*04/13/24 05:33*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*04/12/24 15:01*	*04/13/24 05:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/13/24 05:33	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/14/24 03:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/12/24 15:46	04/14/24 03:07	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/12/24 15:46	04/14/24 03:07	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/12/24 15:46	04/14/24 03:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*131*	*S1+*	*70 - 130*	*04/12/24 15:46*	*04/14/24 03:07*	*1*
o-Terphenyl	*109*		*70 - 130*	*04/12/24 15:46*	*04/14/24 03:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.97**		4.97		mg/Kg			04/12/24 23:15	1

Client Sample ID: W-16

Date Collected: 04/05/24 09:05
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42213-18
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/12/24 15:01	04/13/24 05:53	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/12/24 15:01	04/13/24 05:53	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/12/24 15:01	04/13/24 05:53	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/12/24 15:01	04/13/24 05:53	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/12/24 15:01	04/13/24 05:53	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/12/24 15:01	04/13/24 05:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*04/12/24 15:01*	*04/13/24 05:53*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/12/24 15:01*	*04/13/24 05:53*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

Client Sample ID: W-16

Lab Sample ID: 880-42213-18
Matrix: Solid
Date Collected: 04/05/24 09:05
Date Received: 04/12/24 14:25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/13/24 05:53	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			04/14/24 03:28	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		04/12/24 15:46	04/14/24 03:28	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		04/12/24 15:46	04/14/24 03:28	1
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/12/24 15:46	04/14/24 03:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*142*	*S1+*	*70 - 130*	*04/12/24 15:46*	*04/14/24 03:28*	*1*
o-Terphenyl	*115*		*70 - 130*	*04/12/24 15:46*	*04/14/24 03:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2290**		24.9		mg/Kg			04/12/24 23:21	5

Client Sample ID: W-17

Lab Sample ID: 880-42213-19
Matrix: Solid
Date Collected: 04/05/24 09:30
Date Received: 04/12/24 14:25

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/12/24 15:01	04/13/24 06:13	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/12/24 15:01	04/13/24 06:13	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/12/24 15:01	04/13/24 06:13	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		04/12/24 15:01	04/13/24 06:13	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/12/24 15:01	04/13/24 06:13	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/12/24 15:01	04/13/24 06:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*04/12/24 15:01*	*04/13/24 06:13*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*04/12/24 15:01*	*04/13/24 06:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/13/24 06:13	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/14/24 03:50	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/12/24 15:46	04/14/24 03:50	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/12/24 15:46	04/14/24 03:50	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

Client Sample ID: W-17

Lab Sample ID: 880-42213-19
Matrix: Solid
Date Collected: 04/05/24 09:30
Date Received: 04/12/24 14:25

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/12/24 15:46	04/14/24 03:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*04/12/24 15:46*	*04/14/24 03:50*	*1*
o-Terphenyl	*102*		*70 - 130*	*04/12/24 15:46*	*04/14/24 03:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**44.3**		4.99		mg/Kg			04/12/24 23:40	1

Client Sample ID: W-18

Lab Sample ID: 880-42213-20
Matrix: Solid
Date Collected: 04/05/24 09:45
Date Received: 04/12/24 14:25

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:01	04/13/24 06:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:01	04/13/24 06:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:01	04/13/24 06:34	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/12/24 15:01	04/13/24 06:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:01	04/13/24 06:34	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/12/24 15:01	04/13/24 06:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*04/12/24 15:01*	*04/13/24 06:34*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/12/24 15:01*	*04/13/24 06:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/13/24 06:34	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			04/14/24 04:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		04/12/24 15:46	04/14/24 04:11	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		04/12/24 15:46	04/14/24 04:11	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		04/12/24 15:46	04/14/24 04:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*133*	*S1+*	*70 - 130*	*04/12/24 15:46*	*04/14/24 04:11*	*1*
o-Terphenyl	*112*		*70 - 130*	*04/12/24 15:46*	*04/14/24 04:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3690**		25.3		mg/Kg			04/12/24 23:46	5

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

Client Sample ID: W-19

Date Collected: 04/05/24 10:05
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42213-21
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/12/24 15:02	04/13/24 05:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/12/24 15:02	04/13/24 05:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/12/24 15:02	04/13/24 05:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/12/24 15:02	04/13/24 05:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/12/24 15:02	04/13/24 05:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/12/24 15:02	04/13/24 05:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*04/12/24 15:02*	*04/13/24 05:40*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/12/24 15:02*	*04/13/24 05:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/13/24 05:40	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/13/24 22:32	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/12/24 15:53	04/13/24 22:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/12/24 15:53	04/13/24 22:32	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/12/24 15:53	04/13/24 22:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*109*		*70 - 130*	*04/12/24 15:53*	*04/13/24 22:32*	*1*
o-Terphenyl	*105*		*70 - 130*	*04/12/24 15:53*	*04/13/24 22:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1370**		25.2		mg/Kg			04/12/24 23:52	5

Client Sample ID: W-20

Date Collected: 04/05/24 10:25
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42213-22
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/12/24 15:02	04/13/24 06:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/12/24 15:02	04/13/24 06:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/12/24 15:02	04/13/24 06:00	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/12/24 15:02	04/13/24 06:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/12/24 15:02	04/13/24 06:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/12/24 15:02	04/13/24 06:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*04/12/24 15:02*	*04/13/24 06:00*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 15:02*	*04/13/24 06:00*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

Client Sample ID: W-20

Lab Sample ID: 880-42213-22
Matrix: Solid
Date Collected: 04/05/24 10:25
Date Received: 04/12/24 14:25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/13/24 06:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**60.3**		50.5		mg/Kg			04/13/24 22:53	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		04/12/24 15:53	04/13/24 22:53	1
Diesel Range Organics (Over C10-C28)	**60.3**		50.5		mg/Kg		04/12/24 15:53	04/13/24 22:53	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		04/12/24 15:53	04/13/24 22:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*04/12/24 15:53*	*04/13/24 22:53*	*1*
o-Terphenyl	*107*		*70 - 130*	*04/12/24 15:53*	*04/13/24 22:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11300**		101		mg/Kg			04/12/24 23:58	20

Client Sample ID: W-21

Lab Sample ID: 880-42213-23
Matrix: Solid
Date Collected: 04/05/24 10:55
Date Received: 04/12/24 14:25

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/12/24 15:02	04/13/24 06:21	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/12/24 15:02	04/13/24 06:21	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/12/24 15:02	04/13/24 06:21	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/12/24 15:02	04/13/24 06:21	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/12/24 15:02	04/13/24 06:21	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/12/24 15:02	04/13/24 06:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*04/12/24 15:02*	*04/13/24 06:21*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 15:02*	*04/13/24 06:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/13/24 06:21	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/13/24 23:13	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/12/24 15:53	04/13/24 23:13	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/12/24 15:53	04/13/24 23:13	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

Client Sample ID: W-21
Date Collected: 04/05/24 10:55
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42213-23
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/12/24 15:53	04/13/24 23:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*04/12/24 15:53*	*04/13/24 23:13*	*1*
o-Terphenyl	*111*		*70 - 130*	*04/12/24 15:53*	*04/13/24 23:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5050**		50.1		mg/Kg			04/13/24 00:04	10

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-42196-A-1-A MS	Matrix Spike	113	101
880-42196-A-1-B MSD	Matrix Spike Duplicate	116	101
880-42213-1	N-1	111	89
880-42213-1 MS	N-1	113	102
880-42213-1 MSD	N-1	112	100
880-42213-2	S-2	111	91
880-42213-3	W-1	115	90
880-42213-4	W-2	131 S1+	102
880-42213-5	W-3	116	91
880-42213-6	W-4	112	88
880-42213-7	W-5	116	89
880-42213-8	W-6	113	90
880-42213-9	W-7	113	91
880-42213-10	W-8	113	89
880-42213-11	W-9	110	90
880-42213-12	W-10	131 S1+	84
880-42213-13	W-11	114	91
880-42213-14	W-12	113	90
880-42213-15	W-13	117	88
880-42213-16	W-14	115	92
880-42213-17	W-15	113	89
880-42213-18	W-16	114	91
880-42213-19	W-17	114	89
880-42213-20	W-18	114	91
880-42213-21	W-19	119	102
880-42213-22	W-20	119	101
880-42213-23	W-21	119	101
LCS 880-78079/1-A	Lab Control Sample	113	104
LCS 880-78080/1-A	Lab Control Sample	109	99
LCSD 880-78079/2-A	Lab Control Sample Dup	111	104
LCSD 880-78080/2-A	Lab Control Sample Dup	109	99
MB 880-77995/5-A	Method Blank	112	88
MB 880-78014/5-A	Method Blank	116	101
MB 880-78079/5-A	Method Blank	112	88
MB 880-78080/5-A	Method Blank	116	101

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)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-42201-A-1-D MS	Matrix Spike	111	104
880-42201-A-1-E MSD	Matrix Spike Duplicate	145 S1+	140 S1+
880-42213-1	N-1	133 S1+	114
880-42213-2	S-2	154 S1+	121

Surrogate Summary

Client: TRC Solutions, Inc. Job ID: 880-42213-1
Project/Site: Cotton Draw SDG: 596103

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
880-42213-3	W-1	141 S1+	118								
880-42213-4	W-2	140 S1+	115								
880-42213-5	W-3	148 S1+	116								
880-42213-6	W-4	144 S1+	126								
880-42213-7	W-5	142 S1+	119								
880-42213-8	W-6	145 S1+	119								
880-42213-8 MS	W-6	135 S1+	109								
880-42213-8 MSD	W-6	150 S1+	117								
880-42213-9	W-7	150 S1+	120								
880-42213-10	W-8	134 S1+	112								
880-42213-11	W-9	134 S1+	104								
880-42213-12	W-10	131 S1+	114								
880-42213-13	W-11	155 S1+	132 S1+								
880-42213-14	W-12	134 S1+	112								
880-42213-15	W-13	144 S1+	110								
880-42213-16	W-14	136 S1+	107								
880-42213-17	W-15	131 S1+	109								
880-42213-18	W-16	142 S1+	115								
880-42213-19	W-17	120	102								
880-42213-20	W-18	133 S1+	112								
880-42213-21	W-19	109	105								
880-42213-22	W-20	107	107								
880-42213-23	W-21	113	111								
LCS 880-78087/2-A	Lab Control Sample	96	99								
LCS 880-78088/2-A	Lab Control Sample	92	104								
LCSD 880-78087/3-A	Lab Control Sample Dup	97	91								
LCSD 880-78088/3-A	Lab Control Sample Dup	77	85								
MB 880-78087/1-A	Method Blank	135 S1+	113								
MB 880-78088/1-A	Method Blank	107	107								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-77995/5-A
Matrix: Solid
Analysis Batch: 77983

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 77995

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 09:28	04/12/24 11:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 09:28	04/12/24 11:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 09:28	04/12/24 11:38	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 09:28	04/12/24 11:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 09:28	04/12/24 11:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 09:28	04/12/24 11:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*04/12/24 09:28*	*04/12/24 11:38*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/12/24 09:28*	*04/12/24 11:38*	*1*

Lab Sample ID: MB 880-78014/5-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78014

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 10:02	04/12/24 12:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 10:02	04/12/24 12:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 10:02*	*04/12/24 12:39*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 10:02*	*04/12/24 12:39*	*1*

Lab Sample ID: MB 880-78079/5-A
Matrix: Solid
Analysis Batch: 77983

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78079

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:01	04/12/24 22:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:01	04/12/24 22:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:01	04/12/24 22:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 15:01	04/12/24 22:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:01	04/12/24 22:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 15:01	04/12/24 22:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*04/12/24 15:01*	*04/12/24 22:32*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/12/24 15:01*	*04/12/24 22:32*	*1*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

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

Lab Sample ID: LCS 880-78079/1-A
Matrix: Solid
Analysis Batch: 77983

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78079

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1154		mg/Kg		115	70 - 130		
Toluene			0.100	0.1075		mg/Kg		107	70 - 130		
Ethylbenzene			0.100	0.1091		mg/Kg		109	70 - 130		
m-Xylene & p-Xylene			0.200	0.2194		mg/Kg		110	70 - 130		
o-Xylene			0.100	0.1095		mg/Kg		109	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 880-78079/2-A
Matrix: Solid
Analysis Batch: 77983

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78079

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1154		mg/Kg		115	70 - 130	0	35
Toluene			0.100	0.1070		mg/Kg		107	70 - 130	0	35
Ethylbenzene			0.100	0.1085		mg/Kg		109	70 - 130	1	35
m-Xylene & p-Xylene			0.200	0.2184		mg/Kg		109	70 - 130	0	35
o-Xylene			0.100	0.1090		mg/Kg		109	70 - 130	0	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: 880-42213-1 MS
Matrix: Solid
Analysis Batch: 77983

Client Sample ID: N-1
Prep Type: Total/NA
Prep Batch: 78079

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00198	U	0.0996	0.1032		mg/Kg		104	70 - 130		
Toluene	<0.00198	U	0.0996	0.09193		mg/Kg		92	70 - 130		
Ethylbenzene	<0.00198	U	0.0996	0.08981		mg/Kg		90	70 - 130		
m-Xylene & p-Xylene	<0.00396	U	0.199	0.1792		mg/Kg		90	70 - 130		
o-Xylene	<0.00198	U	0.0996	0.08971		mg/Kg		90	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 880-42213-1 MSD
Matrix: Solid
Analysis Batch: 77983

Client Sample ID: N-1
Prep Type: Total/NA
Prep Batch: 78079

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.101	0.1037		mg/Kg		103	70 - 130	0	35
Toluene	<0.00198	U	0.101	0.09156		mg/Kg		91	70 - 130	0	35
Ethylbenzene	<0.00198	U	0.101	0.08824		mg/Kg		88	70 - 130	2	35

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

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

Lab Sample ID: 880-42213-1 MSD
Matrix: Solid
Analysis Batch: 77983

Client Sample ID: N-1
Prep Type: Total/NA
Prep Batch: 78079

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00396	U	0.202	0.1752		mg/Kg		87	70 - 130	2	35
o-Xylene	<0.00198	U	0.101	0.08881		mg/Kg		88	70 - 130	1	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 880-78080/5-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78080

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/24 15:02	04/12/24 23:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/24 15:02	04/12/24 23:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/12/24 15:02*	*04/12/24 23:25*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/12/24 15:02*	*04/12/24 23:25*	*1*

Lab Sample ID: LCS 880-78080/1-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78080

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1054		mg/Kg		105	70 - 130		
Toluene			0.100	0.1063		mg/Kg		106	70 - 130		
Ethylbenzene			0.100	0.1020		mg/Kg		102	70 - 130		
m-Xylene & p-Xylene			0.200	0.2068		mg/Kg		103	70 - 130		
o-Xylene			0.100	0.1026		mg/Kg		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-78080/2-A
Matrix: Solid
Analysis Batch: 77984

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78080

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1100		mg/Kg		110	70 - 130	4	35
Toluene			0.100	0.1106		mg/Kg		111	70 - 130	4	35
Ethylbenzene			0.100	0.1073		mg/Kg		107	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.2180		mg/Kg		109	70 - 130	5	35
o-Xylene			0.100	0.1074		mg/Kg		107	70 - 130	5	35

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-42196-A-1-A MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0996	0.09973		mg/Kg		100	70 - 130
Toluene	<0.00198	U	0.0996	0.09688		mg/Kg		97	70 - 130
Ethylbenzene	<0.00198	U	0.0996	0.08752		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.199	0.1742		mg/Kg		87	70 - 130
o-Xylene	<0.00198	U	0.0996	0.08678		mg/Kg		87	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-42196-A-1-B MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77984 — **Prep Batch: 78080**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.101	0.1086		mg/Kg		108	70 - 130	8	35
Toluene	<0.00198	U	0.101	0.1051		mg/Kg		104	70 - 130	8	35
Ethylbenzene	<0.00198	U	0.101	0.09284		mg/Kg		92	70 - 130	6	35
m-Xylene & p-Xylene	<0.00396	U	0.202	0.1854		mg/Kg		92	70 - 130	6	35
o-Xylene	<0.00198	U	0.101	0.09280		mg/Kg		92	70 - 130	7	35

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

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

Lab Sample ID: MB 880-78087/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 78106 — **Prep Batch: 78087**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/12/24 15:46	04/13/24 19:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/12/24 15:46	04/13/24 19:22	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/12/24 15:46	04/13/24 19:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	135	S1+	70 - 130	04/12/24 15:46	04/13/24 19:22	1
o-Terphenyl	113		70 - 130	04/12/24 15:46	04/13/24 19:22	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

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

Lab Sample ID: LCS 880-78087/2-A
Matrix: Solid
Analysis Batch: 78106

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78087

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1027		mg/Kg		103	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	828.0		mg/Kg		83	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*96*		*70 - 130*
o-Terphenyl	*99*		*70 - 130*

Lab Sample ID: LCSD 880-78087/3-A
Matrix: Solid
Analysis Batch: 78106

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78087

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1080		mg/Kg		108	70 - 130	5	20
Diesel Range Organics (Over C10-C28)			1000	927.8		mg/Kg		93	70 - 130	11	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*97*		*70 - 130*
o-Terphenyl	*91*		*70 - 130*

Lab Sample ID: 880-42213-8 MS
Matrix: Solid
Analysis Batch: 78106

Client Sample ID: W-6
Prep Type: Total/NA
Prep Batch: 78087

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1010	923.9		mg/Kg		90	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.1	U	1010	1126		mg/Kg		112	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*135*	*S1+*	*70 - 130*
o-Terphenyl	*109*		*70 - 130*

Lab Sample ID: 880-42213-8 MSD
Matrix: Solid
Analysis Batch: 78106

Client Sample ID: W-6
Prep Type: Total/NA
Prep Batch: 78087

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	<50.1	U	1010	963.4		mg/Kg		94	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<50.1	U	1010	1259		mg/Kg		125	70 - 130	11	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*150*	*S1+*	*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

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

Lab Sample ID: 880-42213-8 MSD
Matrix: Solid
Analysis Batch: 78106

Client Sample ID: W-6
Prep Type: Total/NA
Prep Batch: 78087

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	117		70 - 130

Lab Sample ID: MB 880-78088/1-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78088

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/12/24 15:53	04/13/24 19:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	04/12/24 15:53	04/13/24 19:22	1
o-Terphenyl	107		70 - 130	04/12/24 15:53	04/13/24 19:22	1

Lab Sample ID: LCS 880-78088/2-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78088

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1018		mg/Kg		102	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1100		mg/Kg		110	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	92		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-78088/3-A
Matrix: Solid
Analysis Batch: 78108

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78088

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	893.8		mg/Kg		89	70 - 130	13	20
Diesel Range Organics (Over C10-C28)			1000	937.2		mg/Kg		94	70 - 130	16	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	77		70 - 130
o-Terphenyl	85		70 - 130

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

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

Lab Sample ID: 880-42201-A-1-D MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 78108 — **Prep Batch: 78088**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	1010	887.8		mg/Kg		84	70 - 130
Diesel Range Organics (Over C10-C28)	<50.4	U F2	1010	827.4		mg/Kg		80	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*111*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

Lab Sample ID: 880-42201-A-1-E MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 78108 — **Prep Batch: 78088**

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	<50.4	U	1010	988.8		mg/Kg		94	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<50.4	U F2	1010	1134	F2	mg/Kg		110	70 - 130	31	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*145*	*S1+*	*70 - 130*
o-Terphenyl	*140*	*S1+*	*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-78084/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78100

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/12/24 19:28	1

Lab Sample ID: LCS 880-78084/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78100

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			250	246.4		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-78084/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 78100

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	246.2		mg/Kg		98	90 - 110	0	20

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-42213-5 MS
Matrix: Solid
Analysis Batch: 78100

Client Sample ID: W-3
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	25.0		252	268.9		mg/Kg		97	90 - 110

Lab Sample ID: 880-42213-5 MSD
Matrix: Solid
Analysis Batch: 78100

Client Sample ID: W-3
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	25.0		252	270.0		mg/Kg		97	90 - 110	0	20

Lab Sample ID: MB 880-78085/1-A
Matrix: Solid
Analysis Batch: 78101

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/12/24 21:12	1

Lab Sample ID: LCS 880-78085/2-A
Matrix: Solid
Analysis Batch: 78101

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			250	249.7		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-78085/3-A
Matrix: Solid
Analysis Batch: 78101

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	242.1		mg/Kg		97	90 - 110	3	20

Lab Sample ID: 880-42213-16 MS
Matrix: Solid
Analysis Batch: 78101

Client Sample ID: W-14
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	125		252	385.7		mg/Kg		103	90 - 110

Lab Sample ID: 880-42213-16 MSD
Matrix: Solid
Analysis Batch: 78101

Client Sample ID: W-14
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	125		252	374.4		mg/Kg		99	90 - 110	3	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

GC VOA

Analysis Batch: 77983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42213-1	N-1	Total/NA	Solid	8021B	78079
880-42213-2	S-2	Total/NA	Solid	8021B	78079
880-42213-3	W-1	Total/NA	Solid	8021B	78079
880-42213-4	W-2	Total/NA	Solid	8021B	78079
880-42213-5	W-3	Total/NA	Solid	8021B	78079
880-42213-6	W-4	Total/NA	Solid	8021B	78079
880-42213-7	W-5	Total/NA	Solid	8021B	78079
880-42213-8	W-6	Total/NA	Solid	8021B	78079
880-42213-9	W-7	Total/NA	Solid	8021B	78079
880-42213-10	W-8	Total/NA	Solid	8021B	78079
880-42213-11	W-9	Total/NA	Solid	8021B	78079
880-42213-12	W-10	Total/NA	Solid	8021B	78079
880-42213-13	W-11	Total/NA	Solid	8021B	78079
880-42213-14	W-12	Total/NA	Solid	8021B	78079
880-42213-15	W-13	Total/NA	Solid	8021B	78079
880-42213-16	W-14	Total/NA	Solid	8021B	78079
880-42213-17	W-15	Total/NA	Solid	8021B	78079
880-42213-18	W-16	Total/NA	Solid	8021B	78079
880-42213-19	W-17	Total/NA	Solid	8021B	78079
880-42213-20	W-18	Total/NA	Solid	8021B	78079
MB 880-77995/5-A	Method Blank	Total/NA	Solid	8021B	77995
MB 880-78079/5-A	Method Blank	Total/NA	Solid	8021B	78079
LCS 880-78079/1-A	Lab Control Sample	Total/NA	Solid	8021B	78079
LCSD 880-78079/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	78079
880-42213-1 MS	N-1	Total/NA	Solid	8021B	78079
880-42213-1 MSD	N-1	Total/NA	Solid	8021B	78079

Analysis Batch: 77984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42213-21	W-19	Total/NA	Solid	8021B	78080
880-42213-22	W-20	Total/NA	Solid	8021B	78080
880-42213-23	W-21	Total/NA	Solid	8021B	78080
MB 880-78014/5-A	Method Blank	Total/NA	Solid	8021B	78014
MB 880-78080/5-A	Method Blank	Total/NA	Solid	8021B	78080
LCS 880-78080/1-A	Lab Control Sample	Total/NA	Solid	8021B	78080
LCSD 880-78080/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	78080
880-42196-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	78080
880-42196-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	78080

Prep Batch: 77995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-77995/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 78014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-78014/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 78079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42213-1	N-1	Total/NA	Solid	5035	
880-42213-2	S-2	Total/NA	Solid	5035	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

GC VOA (Continued)

Prep Batch: 78079 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42213-3	W-1	Total/NA	Solid	5035	
880-42213-4	W-2	Total/NA	Solid	5035	
880-42213-5	W-3	Total/NA	Solid	5035	
880-42213-6	W-4	Total/NA	Solid	5035	
880-42213-7	W-5	Total/NA	Solid	5035	
880-42213-8	W-6	Total/NA	Solid	5035	
880-42213-9	W-7	Total/NA	Solid	5035	
880-42213-10	W-8	Total/NA	Solid	5035	
880-42213-11	W-9	Total/NA	Solid	5035	
880-42213-12	W-10	Total/NA	Solid	5035	
880-42213-13	W-11	Total/NA	Solid	5035	
880-42213-14	W-12	Total/NA	Solid	5035	
880-42213-15	W-13	Total/NA	Solid	5035	
880-42213-16	W-14	Total/NA	Solid	5035	
880-42213-17	W-15	Total/NA	Solid	5035	
880-42213-18	W-16	Total/NA	Solid	5035	
880-42213-19	W-17	Total/NA	Solid	5035	
880-42213-20	W-18	Total/NA	Solid	5035	
MB 880-78079/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-78079/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-78079/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-42213-1 MS	N-1	Total/NA	Solid	5035	
880-42213-1 MSD	N-1	Total/NA	Solid	5035	

Prep Batch: 78080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42213-21	W-19	Total/NA	Solid	5035	
880-42213-22	W-20	Total/NA	Solid	5035	
880-42213-23	W-21	Total/NA	Solid	5035	
MB 880-78080/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-78080/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-78080/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-42196-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-42196-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 78195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42213-1	N-1	Total/NA	Solid	Total BTEX	
880-42213-2	S-2	Total/NA	Solid	Total BTEX	
880-42213-3	W-1	Total/NA	Solid	Total BTEX	
880-42213-4	W-2	Total/NA	Solid	Total BTEX	
880-42213-5	W-3	Total/NA	Solid	Total BTEX	
880-42213-6	W-4	Total/NA	Solid	Total BTEX	
880-42213-7	W-5	Total/NA	Solid	Total BTEX	
880-42213-8	W-6	Total/NA	Solid	Total BTEX	
880-42213-9	W-7	Total/NA	Solid	Total BTEX	
880-42213-10	W-8	Total/NA	Solid	Total BTEX	
880-42213-11	W-9	Total/NA	Solid	Total BTEX	
880-42213-12	W-10	Total/NA	Solid	Total BTEX	
880-42213-13	W-11	Total/NA	Solid	Total BTEX	
880-42213-14	W-12	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

GC VOA (Continued)

Analysis Batch: 78195 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42213-15	W-13	Total/NA	Solid	Total BTEX	
880-42213-16	W-14	Total/NA	Solid	Total BTEX	
880-42213-17	W-15	Total/NA	Solid	Total BTEX	
880-42213-18	W-16	Total/NA	Solid	Total BTEX	
880-42213-19	W-17	Total/NA	Solid	Total BTEX	
880-42213-20	W-18	Total/NA	Solid	Total BTEX	
880-42213-21	W-19	Total/NA	Solid	Total BTEX	
880-42213-22	W-20	Total/NA	Solid	Total BTEX	
880-42213-23	W-21	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 78087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42213-1	N-1	Total/NA	Solid	8015NM Prep	
880-42213-2	S-2	Total/NA	Solid	8015NM Prep	
880-42213-3	W-1	Total/NA	Solid	8015NM Prep	
880-42213-4	W-2	Total/NA	Solid	8015NM Prep	
880-42213-5	W-3	Total/NA	Solid	8015NM Prep	
880-42213-6	W-4	Total/NA	Solid	8015NM Prep	
880-42213-7	W-5	Total/NA	Solid	8015NM Prep	
880-42213-8	W-6	Total/NA	Solid	8015NM Prep	
880-42213-9	W-7	Total/NA	Solid	8015NM Prep	
880-42213-10	W-8	Total/NA	Solid	8015NM Prep	
880-42213-11	W-9	Total/NA	Solid	8015NM Prep	
880-42213-12	W-10	Total/NA	Solid	8015NM Prep	
880-42213-13	W-11	Total/NA	Solid	8015NM Prep	
880-42213-14	W-12	Total/NA	Solid	8015NM Prep	
880-42213-15	W-13	Total/NA	Solid	8015NM Prep	
880-42213-16	W-14	Total/NA	Solid	8015NM Prep	
880-42213-17	W-15	Total/NA	Solid	8015NM Prep	
880-42213-18	W-16	Total/NA	Solid	8015NM Prep	
880-42213-19	W-17	Total/NA	Solid	8015NM Prep	
880-42213-20	W-18	Total/NA	Solid	8015NM Prep	
MB 880-78087/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-78087/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-78087/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-42213-8 MS	W-6	Total/NA	Solid	8015NM Prep	
880-42213-8 MSD	W-6	Total/NA	Solid	8015NM Prep	

Prep Batch: 78088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42213-21	W-19	Total/NA	Solid	8015NM Prep	
880-42213-22	W-20	Total/NA	Solid	8015NM Prep	
880-42213-23	W-21	Total/NA	Solid	8015NM Prep	
MB 880-78088/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-78088/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-78088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-42201-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-42201-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

GC Semi VOA

Analysis Batch: 78106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42213-1	N-1	Total/NA	Solid	8015B NM	78087
880-42213-2	S-2	Total/NA	Solid	8015B NM	78087
880-42213-3	W-1	Total/NA	Solid	8015B NM	78087
880-42213-4	W-2	Total/NA	Solid	8015B NM	78087
880-42213-5	W-3	Total/NA	Solid	8015B NM	78087
880-42213-6	W-4	Total/NA	Solid	8015B NM	78087
880-42213-7	W-5	Total/NA	Solid	8015B NM	78087
880-42213-8	W-6	Total/NA	Solid	8015B NM	78087
880-42213-9	W-7	Total/NA	Solid	8015B NM	78087
880-42213-10	W-8	Total/NA	Solid	8015B NM	78087
880-42213-11	W-9	Total/NA	Solid	8015B NM	78087
880-42213-12	W-10	Total/NA	Solid	8015B NM	78087
880-42213-13	W-11	Total/NA	Solid	8015B NM	78087
880-42213-14	W-12	Total/NA	Solid	8015B NM	78087
880-42213-15	W-13	Total/NA	Solid	8015B NM	78087
880-42213-16	W-14	Total/NA	Solid	8015B NM	78087
880-42213-17	W-15	Total/NA	Solid	8015B NM	78087
880-42213-18	W-16	Total/NA	Solid	8015B NM	78087
880-42213-19	W-17	Total/NA	Solid	8015B NM	78087
880-42213-20	W-18	Total/NA	Solid	8015B NM	78087
MB 880-78087/1-A	Method Blank	Total/NA	Solid	8015B NM	78087
LCS 880-78087/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	78087
LCSD 880-78087/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	78087
880-42213-8 MS	W-6	Total/NA	Solid	8015B NM	78087
880-42213-8 MSD	W-6	Total/NA	Solid	8015B NM	78087

Analysis Batch: 78108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42213-21	W-19	Total/NA	Solid	8015B NM	78088
880-42213-22	W-20	Total/NA	Solid	8015B NM	78088
880-42213-23	W-21	Total/NA	Solid	8015B NM	78088
MB 880-78088/1-A	Method Blank	Total/NA	Solid	8015B NM	78088
LCS 880-78088/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	78088
LCSD 880-78088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	78088
880-42201-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	78088
880-42201-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	78088

Analysis Batch: 78224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42213-1	N-1	Total/NA	Solid	8015 NM	
880-42213-2	S-2	Total/NA	Solid	8015 NM	
880-42213-3	W-1	Total/NA	Solid	8015 NM	
880-42213-4	W-2	Total/NA	Solid	8015 NM	
880-42213-5	W-3	Total/NA	Solid	8015 NM	
880-42213-6	W-4	Total/NA	Solid	8015 NM	
880-42213-7	W-5	Total/NA	Solid	8015 NM	
880-42213-8	W-6	Total/NA	Solid	8015 NM	
880-42213-9	W-7	Total/NA	Solid	8015 NM	
880-42213-10	W-8	Total/NA	Solid	8015 NM	
880-42213-11	W-9	Total/NA	Solid	8015 NM	
880-42213-12	W-10	Total/NA	Solid	8015 NM	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

GC Semi VOA (Continued)

Analysis Batch: 78224 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42213-13	W-11	Total/NA	Solid	8015 NM	
880-42213-14	W-12	Total/NA	Solid	8015 NM	
880-42213-15	W-13	Total/NA	Solid	8015 NM	
880-42213-16	W-14	Total/NA	Solid	8015 NM	
880-42213-17	W-15	Total/NA	Solid	8015 NM	
880-42213-18	W-16	Total/NA	Solid	8015 NM	
880-42213-19	W-17	Total/NA	Solid	8015 NM	
880-42213-20	W-18	Total/NA	Solid	8015 NM	
880-42213-21	W-19	Total/NA	Solid	8015 NM	
880-42213-22	W-20	Total/NA	Solid	8015 NM	
880-42213-23	W-21	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 78084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42213-1	N-1	Soluble	Solid	DI Leach	
880-42213-2	S-2	Soluble	Solid	DI Leach	
880-42213-3	W-1	Soluble	Solid	DI Leach	
880-42213-4	W-2	Soluble	Solid	DI Leach	
880-42213-5	W-3	Soluble	Solid	DI Leach	
880-42213-6	W-4	Soluble	Solid	DI Leach	
880-42213-7	W-5	Soluble	Solid	DI Leach	
880-42213-8	W-6	Soluble	Solid	DI Leach	
880-42213-9	W-7	Soluble	Solid	DI Leach	
880-42213-10	W-8	Soluble	Solid	DI Leach	
880-42213-11	W-9	Soluble	Solid	DI Leach	
880-42213-12	W-10	Soluble	Solid	DI Leach	
880-42213-13	W-11	Soluble	Solid	DI Leach	
880-42213-14	W-12	Soluble	Solid	DI Leach	
MB 880-78084/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-78084/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-78084/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-42213-5 MS	W-3	Soluble	Solid	DI Leach	
880-42213-5 MSD	W-3	Soluble	Solid	DI Leach	

Leach Batch: 78085

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42213-15	W-13	Soluble	Solid	DI Leach	
880-42213-16	W-14	Soluble	Solid	DI Leach	
880-42213-17	W-15	Soluble	Solid	DI Leach	
880-42213-18	W-16	Soluble	Solid	DI Leach	
880-42213-19	W-17	Soluble	Solid	DI Leach	
880-42213-20	W-18	Soluble	Solid	DI Leach	
880-42213-21	W-19	Soluble	Solid	DI Leach	
880-42213-22	W-20	Soluble	Solid	DI Leach	
880-42213-23	W-21	Soluble	Solid	DI Leach	
MB 880-78085/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-78085/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-78085/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-42213-16 MS	W-14	Soluble	Solid	DI Leach	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

HPLC/IC (Continued)

Leach Batch: 78085 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42213-16 MSD	W-14	Soluble	Solid	DI Leach	

Analysis Batch: 78100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42213-1	N-1	Soluble	Solid	300.0	78084
880-42213-2	S-2	Soluble	Solid	300.0	78084
880-42213-3	W-1	Soluble	Solid	300.0	78084
880-42213-4	W-2	Soluble	Solid	300.0	78084
880-42213-5	W-3	Soluble	Solid	300.0	78084
880-42213-6	W-4	Soluble	Solid	300.0	78084
880-42213-7	W-5	Soluble	Solid	300.0	78084
880-42213-8	W-6	Soluble	Solid	300.0	78084
880-42213-9	W-7	Soluble	Solid	300.0	78084
880-42213-10	W-8	Soluble	Solid	300.0	78084
880-42213-11	W-9	Soluble	Solid	300.0	78084
880-42213-12	W-10	Soluble	Solid	300.0	78084
880-42213-13	W-11	Soluble	Solid	300.0	78084
880-42213-14	W-12	Soluble	Solid	300.0	78084
MB 880-78084/1-A	Method Blank	Soluble	Solid	300.0	78084
LCS 880-78084/2-A	Lab Control Sample	Soluble	Solid	300.0	78084
LCSD 880-78084/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	78084
880-42213-5 MS	W-3	Soluble	Solid	300.0	78084
880-42213-5 MSD	W-3	Soluble	Solid	300.0	78084

Analysis Batch: 78101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42213-15	W-13	Soluble	Solid	300.0	78085
880-42213-16	W-14	Soluble	Solid	300.0	78085
880-42213-17	W-15	Soluble	Solid	300.0	78085
880-42213-18	W-16	Soluble	Solid	300.0	78085
880-42213-19	W-17	Soluble	Solid	300.0	78085
880-42213-20	W-18	Soluble	Solid	300.0	78085
880-42213-21	W-19	Soluble	Solid	300.0	78085
880-42213-22	W-20	Soluble	Solid	300.0	78085
880-42213-23	W-21	Soluble	Solid	300.0	78085
MB 880-78085/1-A	Method Blank	Soluble	Solid	300.0	78085
LCS 880-78085/2-A	Lab Control Sample	Soluble	Solid	300.0	78085
LCSD 880-78085/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	78085
880-42213-16 MS	W-14	Soluble	Solid	300.0	78085
880-42213-16 MSD	W-14	Soluble	Solid	300.0	78085

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

Client Sample ID: N-1

Lab Sample ID: 880-42213-1
Matrix: Solid
Date Collected: 04/04/24 07:00
Date Received: 04/12/24 14:25

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	78079	04/12/24 15:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77983	04/12/24 22:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78195	04/12/24 22:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			78224	04/13/24 21:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	78087	04/12/24 15:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78106	04/13/24 21:28	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	78084	04/12/24 15:38	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78100	04/12/24 20:50	SMC	EET MID

Client Sample ID: S-2

Lab Sample ID: 880-42213-2
Matrix: Solid
Date Collected: 04/04/24 11:10
Date Received: 04/12/24 14:25

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	78079	04/12/24 15:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77983	04/12/24 23:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78195	04/12/24 23:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			78224	04/13/24 21:50	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	78087	04/12/24 15:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78106	04/13/24 21:50	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	78084	04/12/24 15:38	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	78100	04/12/24 20:57	SMC	EET MID

Client Sample ID: W-1

Lab Sample ID: 880-42213-3
Matrix: Solid
Date Collected: 04/04/24 07:00
Date Received: 04/12/24 14:25

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	78079	04/12/24 15:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77983	04/12/24 23:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78195	04/12/24 23:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			78224	04/13/24 22:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	78087	04/12/24 15:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78106	04/13/24 22:11	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	78084	04/12/24 15:38	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	78100	04/12/24 21:03	SMC	EET MID

Client Sample ID: W-2

Lab Sample ID: 880-42213-4
Matrix: Solid
Date Collected: 04/04/24 07:40
Date Received: 04/12/24 14:25

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	78079	04/12/24 15:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77983	04/12/24 23:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78195	04/12/24 23:55	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

Client Sample ID: W-2

Lab Sample ID: 880-42213-4
Matrix: Solid
Date Collected: 04/04/24 07:40
Date Received: 04/12/24 14:25

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			78224	04/13/24 22:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	78087	04/12/24 15:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78106	04/13/24 22:32	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	78084	04/12/24 15:38	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	78100	04/12/24 21:09	SMC	EET MID

Client Sample ID: W-3

Lab Sample ID: 880-42213-5
Matrix: Solid
Date Collected: 04/04/24 08:20
Date Received: 04/12/24 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	78079	04/12/24 15:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77983	04/13/24 00:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78195	04/13/24 00:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			78224	04/13/24 22:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	78087	04/12/24 15:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78106	04/13/24 22:53	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	78084	04/12/24 15:38	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78100	04/12/24 21:16	SMC	EET MID

Client Sample ID: W-4

Lab Sample ID: 880-42213-6
Matrix: Solid
Date Collected: 04/04/24 08:59
Date Received: 04/12/24 14:25

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	78079	04/12/24 15:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77983	04/13/24 00:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78195	04/13/24 00:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			78224	04/13/24 23:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	78087	04/12/24 15:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78106	04/13/24 23:13	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	78084	04/12/24 15:38	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78100	04/12/24 21:35	SMC	EET MID

Client Sample ID: W-5

Lab Sample ID: 880-42213-7
Matrix: Solid
Date Collected: 04/04/24 09:30
Date Received: 04/12/24 14:25

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	78079	04/12/24 15:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77983	04/13/24 00:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78195	04/13/24 00:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			78224	04/13/24 23:34	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	78087	04/12/24 15:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78106	04/13/24 23:34	SM	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

Client Sample ID: W-5
Date Collected: 04/04/24 09:30
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42213-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	78084	04/12/24 15:38	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78100	04/12/24 21:41	SMC	EET MID

Client Sample ID: W-6
Date Collected: 04/04/24 09:50
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42213-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	78079	04/12/24 15:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77983	04/13/24 01:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78195	04/13/24 01:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			78224	04/13/24 20:25	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	78087	04/12/24 15:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78106	04/13/24 20:25	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	78084	04/12/24 15:38	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78100	04/12/24 22:00	SMC	EET MID

Client Sample ID: W-7
Date Collected: 04/04/24 10:20
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42213-9
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			5.02 g	5 mL	78079	04/12/24 15:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77983	04/13/24 01:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78195	04/13/24 01:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			78224	04/13/24 23:55	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	78087	04/12/24 15:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78106	04/13/24 23:55	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	78084	04/12/24 15:38	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	78100	04/12/24 22:06	SMC	EET MID

Client Sample ID: W-8
Date Collected: 04/04/24 10:50
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42213-10
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			5.05 g	5 mL	78079	04/12/24 15:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77983	04/13/24 01:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78195	04/13/24 01:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			78224	04/14/24 00:16	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	78087	04/12/24 15:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78106	04/14/24 00:16	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	78084	04/12/24 15:38	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	78100	04/12/24 22:13	SMC	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

Client Sample ID: W-9

Lab Sample ID: 880-42213-11
Matrix: Solid
Date Collected: 04/04/24 12:30
Date Received: 04/12/24 14:25

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	78079	04/12/24 15:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77983	04/13/24 03:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78195	04/13/24 03:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			78224	04/14/24 00:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	78087	04/12/24 15:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78106	04/14/24 00:59	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	78084	04/12/24 15:38	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78100	04/12/24 22:19	SMC	EET MID

Client Sample ID: W-10

Lab Sample ID: 880-42213-12
Matrix: Solid
Date Collected: 04/04/24 12:55
Date Received: 04/12/24 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	78079	04/12/24 15:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77983	04/13/24 03:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78195	04/13/24 03:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			78224	04/14/24 01:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	78087	04/12/24 15:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78106	04/14/24 01:20	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	78084	04/12/24 15:38	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78100	04/12/24 22:26	SMC	EET MID

Client Sample ID: W-11

Lab Sample ID: 880-42213-13
Matrix: Solid
Date Collected: 04/04/24 13:20
Date Received: 04/12/24 14:25

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	78079	04/12/24 15:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77983	04/13/24 04:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78195	04/13/24 04:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			78224	04/14/24 01:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	78087	04/12/24 15:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78106	04/14/24 01:42	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	78084	04/12/24 15:38	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	78100	04/12/24 22:32	SMC	EET MID

Client Sample ID: W-12

Lab Sample ID: 880-42213-14
Matrix: Solid
Date Collected: 04/04/24 13:40
Date Received: 04/12/24 14:25

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	78079	04/12/24 15:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77983	04/13/24 04:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78195	04/13/24 04:31	SM	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

Client Sample ID: W-12

Date Collected: 04/04/24 13:40
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42213-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			78224	04/14/24 02:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	78087	04/12/24 15:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78106	04/14/24 02:03	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	78084	04/12/24 15:38	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78100	04/12/24 22:38	SMC	EET MID

Client Sample ID: W-13

Date Collected: 04/05/24 08:15
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42213-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	78079	04/12/24 15:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77983	04/13/24 04:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78195	04/13/24 04:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			78224	04/14/24 02:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	78087	04/12/24 15:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78106	04/14/24 02:24	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	78085	04/12/24 15:41	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78101	04/12/24 22:50	SMC	EET MID

Client Sample ID: W-14

Date Collected: 04/05/24 08:33
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42213-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	78079	04/12/24 15:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77983	04/13/24 05:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78195	04/13/24 05:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			78224	04/14/24 02:46	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	78087	04/12/24 15:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78106	04/14/24 02:46	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	78085	04/12/24 15:41	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78101	04/12/24 22:56	SMC	EET MID

Client Sample ID: W-15

Date Collected: 04/05/24 08:45
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42213-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	78079	04/12/24 15:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77983	04/13/24 05:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78195	04/13/24 05:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			78224	04/14/24 03:07	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	78087	04/12/24 15:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78106	04/14/24 03:07	SM	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

Client Sample ID: W-15

Date Collected: 04/05/24 08:45
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42213-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	78085	04/12/24 15:41	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78101	04/12/24 23:15	SMC	EET MID

Client Sample ID: W-16

Date Collected: 04/05/24 09:05
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42213-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	78079	04/12/24 15:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77983	04/13/24 05:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78195	04/13/24 05:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			78224	04/14/24 03:28	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	78087	04/12/24 15:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78106	04/14/24 03:28	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	78085	04/12/24 15:41	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	78101	04/12/24 23:21	SMC	EET MID

Client Sample ID: W-17

Date Collected: 04/05/24 09:30
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42213-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	78079	04/12/24 15:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77983	04/13/24 06:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78195	04/13/24 06:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			78224	04/14/24 03:50	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	78087	04/12/24 15:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78106	04/14/24 03:50	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	78085	04/12/24 15:41	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78101	04/12/24 23:40	SMC	EET MID

Client Sample ID: W-18

Date Collected: 04/05/24 09:45
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42213-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	78079	04/12/24 15:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77983	04/13/24 06:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78195	04/13/24 06:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			78224	04/14/24 04:11	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	78087	04/12/24 15:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78106	04/14/24 04:11	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	78085	04/12/24 15:41	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	78101	04/12/24 23:46	SMC	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

Client Sample ID: W-19

Date Collected: 04/05/24 10:05
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42213-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	78080	04/12/24 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77984	04/13/24 05:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78195	04/13/24 05:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			78224	04/13/24 22:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	78088	04/12/24 15:53	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78108	04/13/24 22:32	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	78085	04/12/24 15:41	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	78101	04/12/24 23:52	SMC	EET MID

Client Sample ID: W-20

Date Collected: 04/05/24 10:25
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42213-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	78080	04/12/24 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77984	04/13/24 06:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78195	04/13/24 06:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			78224	04/13/24 22:53	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	78088	04/12/24 15:53	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78108	04/13/24 22:53	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	78085	04/12/24 15:41	SMC	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	78101	04/12/24 23:58	SMC	EET MID

Client Sample ID: W-21

Date Collected: 04/05/24 10:55
Date Received: 04/12/24 14:25

Lab Sample ID: 880-42213-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	78080	04/12/24 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77984	04/13/24 06:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78195	04/13/24 06:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			78224	04/13/24 23:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	78088	04/12/24 15:53	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78108	04/13/24 23:13	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	78085	04/12/24 15:41	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	78101	04/13/24 00:04	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

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	T104704400-23-26	06-30-24

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: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

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: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-42213-1
SDG: 596103

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-42213-1	N-1	Solid	04/04/24 07:00	04/12/24 14:25
880-42213-2	S-2	Solid	04/04/24 11:10	04/12/24 14:25
880-42213-3	W-1	Solid	04/04/24 07:00	04/12/24 14:25
880-42213-4	W-2	Solid	04/04/24 07:40	04/12/24 14:25
880-42213-5	W-3	Solid	04/04/24 08:20	04/12/24 14:25
880-42213-6	W-4	Solid	04/04/24 08:59	04/12/24 14:25
880-42213-7	W-5	Solid	04/04/24 09:30	04/12/24 14:25
880-42213-8	W-6	Solid	04/04/24 09:50	04/12/24 14:25
880-42213-9	W-7	Solid	04/04/24 10:20	04/12/24 14:25
880-42213-10	W-8	Solid	04/04/24 10:50	04/12/24 14:25
880-42213-11	W-9	Solid	04/04/24 12:30	04/12/24 14:25
880-42213-12	W-10	Solid	04/04/24 12:55	04/12/24 14:25
880-42213-13	W-11	Solid	04/04/24 13:20	04/12/24 14:25
880-42213-14	W-12	Solid	04/04/24 13:40	04/12/24 14:25
880-42213-15	W-13	Solid	04/05/24 08:15	04/12/24 14:25
880-42213-16	W-14	Solid	04/05/24 08:33	04/12/24 14:25
880-42213-17	W-15	Solid	04/05/24 08:45	04/12/24 14:25
880-42213-18	W-16	Solid	04/05/24 09:05	04/12/24 14:25
880-42213-19	W-17	Solid	04/05/24 09:30	04/12/24 14:25
880-42213-20	W-18	Solid	04/05/24 09:45	04/12/24 14:25
880-42213-21	W-19	Solid	04/05/24 10:05	04/12/24 14:25
880-42213-22	W-20	Solid	04/05/24 10:25	04/12/24 14:25
880-42213-23	W-21	Solid	04/05/24 10:55	04/12/24 14:25

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Chain of Custody

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

880-42213 Chain of Custody

www.xenco.com Page 1 of 3

Project Manager	Jared Stoffel	Bill to (if different)	
Company Name	TRC Companies	Company Name	
Address	10 Desta Dr	Address	
City, State ZIP	Midland, TX	City, State ZIP	
Phone	432-238-3003	Email	jstoffel@trccompanies.com

Work Order Comments

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

Project Name	Cotton Draw	Turn Around	☑ Routine ☐ Rush
Project Number	596103	Due Date	24 hr
Project Location		TAT starts the day received by the lab if received by 4.30pm	
Sampler's Name	Emmie Schubert		
PO #			

SAMPLE RECEIPT			
Temp Blank.	Yes (No)	Wet Ice	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID	IR8
Cooler Custody Seals	Yes No (N/A)	Correction Factor	-.1
Sample Custody Seals	Yes No (N/A)	Temperature Reading	3.0
Total Containers		Corrected Temperature	2.9

Preservative Codes

None NO DI Water H_2O
Cool Cool MeOH Me
HCL HC HNO_3 HN
H_2SO_4 H_2 NaOH Na
H_3PO_4 HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Chlorides E300	TPH 8015	BTEX 8021B	Sample Comments
N-1	Soil	4/4/2024	0700	-	Grab	1		X	X	X	
S-1	Soil	4/5/2024	1110	-	Grab	1		X	X	X	
W-1	Soil	4/4/2024	0710	-	Grab	1		X	X	X	
W-2	Soil	4/4/2024	0740	-	Grab	1		X	X	X	
W-3	Soil	4/4/2024	0820	-	Grab	1		X	X	X	
W-4	Soil	4/4/2024	0859	-	Grab	1		X	X	X	
W-5	Soil	4/4/2024	0930	-	Grab	1		X	X	X	
W-6	Soil	4/4/2024	0950	-	Grab	1		X	X	X	
W-7	Soil	4/4/2024	1020	-	Grab	1		X	X	X	
W-8	Soil	4/4/2024	1050	-	Grab	1		X	X	X	

Total 200.7 / 6010 200.8 / 6020. 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1		4/12/24 1425	2		
3			4		
0			6		

Revised Date: 08/25/2020 Rev 2020.2

Received by OCD: 1/27/2025 4:59:55 PM
Released to Imaging: 5/13/2025 2:19:41 PM
4/16/2024
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Chain of Custody

Houston TX (281) 240-4200 Dallas TX (214) 902-0300
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Hobbs NM (575) 392-7550 Carlsbad NM (575) 988-3199

Work Order No: 42213

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Project Manager	Jared Stoffel	Bill to (if different)	
Company Name	TRC Companies	Company Name	
Address	10 Desta Dr	Address	
City, State ZIP	Midland, TX	City, State ZIP	
Phone	432-238-3003	Email	jstoffel@trccompanies.com

Work Order Comments

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

Project Name	Cotton Draw	Turn Around	
Project Number	596103	☑ Routine ☐ Rush	
Project Location		Due Date	24 hr
Sampler's Name	Emmie Schubert	TAT starts the day received by the lab if received by 4.30pm	
PO #			

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

ANALYSIS REQUEST

Preservative Codes

None NO DI Water H_2O
Cool Cool MeOH Me
HCL HC HNO_3 HN
H_2SO_4 H_2 NaOH Na
H_3PO_4 HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: Chlorides E300	TPH 8015	BTEX 8021B	Sample Comments
W-9	Soil	4/4/2024	1230	-	Grab	1		X	X	X	
W-10	Soil	4/4/2024	1255	-	Grab	1		X	X	X	
W-11	Soil	4/4/2024	1320	-	Grab	1		X	X	X	
W-12	Soil	4/4/2024	1340	-	Grab	1		X	X	X	
W-13	Soil	4/5/2024	0815	-	Grab	1		X	X	X	
W-14	Soil	4/5/2024	0833	-	Grab	1		X	X	X	
W-15	Soil	4/5/2024	0845	-	Grab	1		X	X	X	
W-16	Soil	4/5/2024	0905	-	Grab	1		X	X	X	
W-17	Soil	4/5/2024	0930	-	Grab	1		X	X	X	
W-18	Soil	4/5/2024	0945	-	Grab	1		X	X	X	

Total 200.7 / 6010 200.8 / 6020. 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1		4/12/24 1425	2		
3			4		
0			6		

Revised Date: 08/25/2020 Rev 2020.2

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4/16/2024

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Chain of Custody

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Hobbs NM (575) 392-7550 Carlsbad NM (575) 988-3199

Loc: 880
Work Order No: 42213

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Project Manager	Jared Stoffel	Bill to (if different)	
Company Name	TRC Companies	Company Name	
Address	10 Desta Dr	Address	
City, State ZIP	Midland TX	City, State ZIP	
Phone	432-238-3003	Email	jstoffel@trccompanies.com

Work Order Comments

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

Project Name	Cotton Draw	Turn Around	
Project Number	596103	☑ Routine ☐ Rush	
Project Location		Due Date	24 hr
Sampler's Name	Emmie Schubert	TAT starts the day received by the lab if received by 4 30pm	
PO #			

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

ANALYSIS REQUEST

Preservative Codes

None: NO DI Water H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2SO_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Parameters: Chlorides E300	TPH 8015	BTEX 8021B	Sample Comments
W-19	Soil	4/5/2024	1005	-	Grab	1	X	X	X	
W-20	Soil	4/5/2024	1025	-	Grab	1	X	X	X	
W-21	Soil	4/5/2024	1055	-	Grab	1	X	X	X	

Total 200.7 / 6010 200.8 / 6020. 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		4/12/24 1425	2		
3			4		
0			6		

Revised Date: 08/25/2020 Rev 2020.2

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Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-42213-1
SDG Number: 596103

Login Number: 42213
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel
TRC Solutions, Inc.
10 Desta Drive
Suite #130E
Midland, Texas 79705

Generated 5/29/2024 5:42:08 PM

JOB DESCRIPTION

Cotton Draw
New Mexico

JOB NUMBER

880-43929-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 5/13/2025 2:19:41 PM

Eurofins Midland

Job Notes

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

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

Authorization

Generated
5/29/2024 5:42:08 PM

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

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Laboratory Job ID: 880-43929-1
SDG: New Mexico

Table of Contents

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Definitions/Glossary

Client: TRC Solutions, Inc. Job ID: 880-43929-1
Project/Site: Cotton Draw SDG: New Mexico

Qualifiers

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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: TRC Solutions, Inc.
Project: Cotton Draw

Job ID: 880-43929-1

Job ID: 880-43929-1 Eurofins Midland

Job Narrative
880-43929-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt
The samples were received on 5/28/2024 9:55 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.5°C.

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-43929-1
SDG: New Mexico

Client Sample ID: TT-5 @ 2'
Lab Sample ID: 880-43929-1

Date Collected: 05/23/24 10:30
Matrix: Solid
Date Received: 05/28/24 09:55
Sample Depth: 2'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	624		24.8		mg/Kg			05/29/24 13:18	5

Client Sample ID: TT-5 @ 3.5'
Lab Sample ID: 880-43929-2

Date Collected: 05/23/24 10:40
Matrix: Solid
Date Received: 05/28/24 09:55
Sample Depth: 3.5'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	356		5.04		mg/Kg			05/29/24 13:36	1

Client Sample ID: TT-6 @ 5.5'
Lab Sample ID: 880-43929-3

Date Collected: 05/23/24 11:50
Matrix: Solid
Date Received: 05/28/24 09:55
Sample Depth: 5.5'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	805		5.00		mg/Kg			05/29/24 13:42	1

Client Sample ID: TT-7 @ 4'
Lab Sample ID: 880-43929-4

Date Collected: 05/23/24 13:20
Matrix: Solid
Date Received: 05/28/24 09:55
Sample Depth: 4'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	450		4.95		mg/Kg			05/29/24 13:48	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-43929-1
SDG: New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-81694/1-A
Matrix: Solid
Analysis Batch: 81766

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			05/29/24 11:08	1

Lab Sample ID: LCS 880-81694/2-A
Matrix: Solid
Analysis Batch: 81766

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 880-81694/3-A
Matrix: Solid
Analysis Batch: 81766

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	250.0		mg/Kg		100	90 - 110	4	20

Lab Sample ID: 880-43928-A-14-B MS
Matrix: Solid
Analysis Batch: 81766

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	1250		1240	2541		mg/Kg		104	90 - 110		

Lab Sample ID: 880-43928-A-14-C MSD
Matrix: Solid
Analysis Batch: 81766

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1250		1240	2591		mg/Kg		108	90 - 110	2	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-43929-1
SDG: New Mexico

HPLC/IC

Leach Batch: 81694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43929-1	TT-5 @ 2'	Soluble	Solid	DI Leach	
880-43929-2	TT-5 @ 3.5'	Soluble	Solid	DI Leach	
880-43929-3	TT-6 @ 5.5'	Soluble	Solid	DI Leach	
880-43929-4	TT-7 @ 4'	Soluble	Solid	DI Leach	
MB 880-81694/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-81694/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-81694/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-43928-A-14-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-43928-A-14-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 81766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43929-1	TT-5 @ 2'	Soluble	Solid	300.0	81694
880-43929-2	TT-5 @ 3.5'	Soluble	Solid	300.0	81694
880-43929-3	TT-6 @ 5.5'	Soluble	Solid	300.0	81694
880-43929-4	TT-7 @ 4'	Soluble	Solid	300.0	81694
MB 880-81694/1-A	Method Blank	Soluble	Solid	300.0	81694
LCS 880-81694/2-A	Lab Control Sample	Soluble	Solid	300.0	81694
LCSD 880-81694/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	81694
880-43928-A-14-B MS	Matrix Spike	Soluble	Solid	300.0	81694
880-43928-A-14-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	81694

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-43929-1
SDG: New Mexico

Client Sample ID: TT-5 @ 2'

Lab Sample ID: 880-43929-1
Matrix: Solid
Date Collected: 05/23/24 10:30
Date Received: 05/28/24 09:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	81694	05/28/24 14:36	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	81766	05/29/24 13:18	SMC	EET MID

Client Sample ID: TT-5 @ 3.5'

Lab Sample ID: 880-43929-2
Matrix: Solid
Date Collected: 05/23/24 10:40
Date Received: 05/28/24 09:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	81694	05/28/24 14:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	81766	05/29/24 13:36	SMC	EET MID

Client Sample ID: TT-6 @ 5.5'

Lab Sample ID: 880-43929-3
Matrix: Solid
Date Collected: 05/23/24 11:50
Date Received: 05/28/24 09:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	81694	05/28/24 14:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	81766	05/29/24 13:42	SMC	EET MID

Client Sample ID: TT-7 @ 4'

Lab Sample ID: 880-43929-4
Matrix: Solid
Date Collected: 05/23/24 13:20
Date Received: 05/28/24 09:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	81694	05/28/24 14:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	81766	05/29/24 13:48	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-43929-1
SDG: New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	06-30-24

Method Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-43929-1
SDG: New Mexico

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

Laboratory References:

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

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: Cotton Draw

Job ID: 880-43929-1
SDG: New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-43929-1	TT-5 @ 2'	Solid	05/23/24 10:30	05/28/24 09:55	2'
880-43929-2	TT-5 @ 3.5'	Solid	05/23/24 10:40	05/28/24 09:55	3.5'
880-43929-3	TT-6 @ 5.5'	Solid	05/23/24 11:50	05/28/24 09:55	5.5'
880-43929-4	TT-7 @ 4'	Solid	05/23/24 13:20	05/28/24 09:55	4'

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Chain of Custody

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

Work Order: 880-43929 Chain of Custody

www.xenco.com Page 1 of 1

Project Manager:	Jared Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	10 Desta Dr. Suite 130	Address:	
City, State ZIP:	Midland TX 79705	City, State ZIP:	
Phone:	432.238.3003	Email:	Jared/Ike/Russell

Work Order Comments

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

Project Name:	Cotton Draw	Turn Around	☑ Routine ☐ Rush
Project Number:		Due Date:	
Project Location:	New Mexico	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Russell Sebring/		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	IR8
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-1.0
Sample Custody Seals:	Yes No N/A	Temperature Reading:	5.6
Total Containers:		Corrected Temperature:	5.5

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_3$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	TPH - TX1005	Chlorides E300
TT-5@2'	S	5.23.24	1030	2'	G	1			X
TT-5@3.5'	S	5.23.24	1040	3.5'	G	1			X
TT-6@5.5'	S	5.23.24	1150	5.5'	G	1			X
TT-7@4'	S	5.23.24	1320	4'	G	1			X

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		5/28/24 0732	2		5/28/24 1005
3			4		
5			6		

Revised Date: 08/25/2020 Rev: 2020.2

Received by OCD: 1/27/2025 4:59:55 PM

Released to Imaging: 5/13/2025 2:19:41 PM

5/29/2024

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Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-43929-1
SDG Number: New Mexico

Login Number: 43929
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel
TRC Solutions, Inc.
10 Desta Drive
Suite #130E
Midland, Texas 79705

Generated 5/30/2024 11:19:27 AM

JOB DESCRIPTION

COP-Cotton Draw
Texas

JOB NUMBER

880-43930-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 5/13/2025 2:19:41 PM

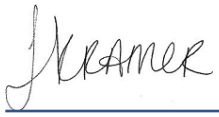
Eurofins Midland

Job Notes

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

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

Authorization



Generated
5/30/2024 11:19:27 AM

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

Client: TRC Solutions, Inc.
Project/Site: COP-Cotton Draw

Laboratory Job ID: 880-43930-1
SDG: Texas

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Definitions/Glossary

Client: TRC Solutions, Inc. Job ID: 880-43930-1
Project/Site: COP-Cotton Draw SDG: Texas

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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: TRC Solutions, Inc.
Project: COP-Cotton Draw

Job ID: 880-43930-1

Job ID: 880-43930-1 Eurofins Midland

Job Narrative
880-43930-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt
The samples were received on 5/28/2024 9:55 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.5°C.

HPLC/IC
Method 300_ORGFM_28D - Soluble: The Chloride matrix spike (MS) recoveries for preparation batch 880-81696 and analytical batch 880-81769 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

TT-10 @ 6' (880-43930-9) and (880-43930-A-9-B MS)

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP-Cotton Draw

Job ID: 880-43930-1
SDG: Texas

Client Sample ID: TT-8 @ 4

Lab Sample ID: 880-43930-1
Matrix: Solid
Date Collected: 05/23/24 14:05
Date Received: 05/28/24 09:55
Sample Depth: 4

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3240		25.1		mg/Kg			05/29/24 13:54	5

Client Sample ID: TT-8 @ 8

Lab Sample ID: 880-43930-2
Matrix: Solid
Date Collected: 05/24/24 13:10
Date Received: 05/28/24 09:55
Sample Depth: 8

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	448		4.97		mg/Kg			05/29/24 14:01	1

Client Sample ID: TT-9 @ 4'

Lab Sample ID: 880-43930-4
Matrix: Solid
Date Collected: 05/23/24 14:35
Date Received: 05/28/24 09:55
Sample Depth: 4

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5730		50.0		mg/Kg			05/29/24 14:07	10

Client Sample ID: TT-10 @ 4'

Lab Sample ID: 880-43930-8
Matrix: Solid
Date Collected: 05/23/24 15:20
Date Received: 05/28/24 09:55
Sample Depth: 4

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1860		25.1		mg/Kg			05/29/24 14:13	5

Client Sample ID: TT-10 @ 6'

Lab Sample ID: 880-43930-9
Matrix: Solid
Date Collected: 05/24/24 14:50
Date Received: 05/28/24 09:55
Sample Depth: 6

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	738	F1	5.01		mg/Kg			05/29/24 12:38	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP-Cotton Draw

Job ID: 880-43930-1
SDG: Texas

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-81694/1-A
Matrix: Solid
Analysis Batch: 81766

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			05/29/24 11:08	1

Lab Sample ID: LCS 880-81694/2-A
Matrix: Solid
Analysis Batch: 81766

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 880-81694/3-A
Matrix: Solid
Analysis Batch: 81766

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	250.0		mg/Kg		100	90 - 110	4	20

Lab Sample ID: 880-43928-A-14-B MS
Matrix: Solid
Analysis Batch: 81766

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	1250		1240	2541		mg/Kg		104	90 - 110		

Lab Sample ID: 880-43928-A-14-C MSD
Matrix: Solid
Analysis Batch: 81766

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1250		1240	2591		mg/Kg		108	90 - 110	2	20

Lab Sample ID: MB 880-81696/1-A
Matrix: Solid
Analysis Batch: 81769

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			05/29/24 12:22	1

Lab Sample ID: LCS 880-81696/2-A
Matrix: Solid
Analysis Batch: 81769

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	247.6		mg/Kg		99	90 - 110		

Lab Sample ID: LCSD 880-81696/3-A
Matrix: Solid
Analysis Batch: 81769

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	249.0		mg/Kg		100	90 - 110	1	20

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP-Cotton Draw

Job ID: 880-43930-1
SDG: Texas

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-43930-9 MS
Matrix: Solid
Analysis Batch: 81769

Client Sample ID: TT-10 @ 6'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	738	F1	251	961.3	F1	mg/Kg		89	90 - 110

Lab Sample ID: 880-43930-9 MSD
Matrix: Solid
Analysis Batch: 81769

Client Sample ID: TT-10 @ 6'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	738	F1	251	964.0		mg/Kg		90	90 - 110	0	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP-Cotton Draw

Job ID: 880-43930-1
SDG: Texas

HPLC/IC

Leach Batch: 81694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43930-1	TT-8 @ 4	Soluble	Solid	DI Leach	
880-43930-2	TT-8 @ 8	Soluble	Solid	DI Leach	
880-43930-4	TT-9 @ 4'	Soluble	Solid	DI Leach	
880-43930-8	TT-10 @ 4'	Soluble	Solid	DI Leach	
MB 880-81694/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-81694/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-81694/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-43928-A-14-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-43928-A-14-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 81696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43930-9	TT-10 @ 6'	Soluble	Solid	DI Leach	
MB 880-81696/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-81696/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-81696/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-43930-9 MS	TT-10 @ 6'	Soluble	Solid	DI Leach	
880-43930-9 MSD	TT-10 @ 6'	Soluble	Solid	DI Leach	

Analysis Batch: 81766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43930-1	TT-8 @ 4	Soluble	Solid	300.0	81694
880-43930-2	TT-8 @ 8	Soluble	Solid	300.0	81694
880-43930-4	TT-9 @ 4'	Soluble	Solid	300.0	81694
880-43930-8	TT-10 @ 4'	Soluble	Solid	300.0	81694
MB 880-81694/1-A	Method Blank	Soluble	Solid	300.0	81694
LCS 880-81694/2-A	Lab Control Sample	Soluble	Solid	300.0	81694
LCSD 880-81694/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	81694
880-43928-A-14-B MS	Matrix Spike	Soluble	Solid	300.0	81694
880-43928-A-14-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	81694

Analysis Batch: 81769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43930-9	TT-10 @ 6'	Soluble	Solid	300.0	81696
MB 880-81696/1-A	Method Blank	Soluble	Solid	300.0	81696
LCS 880-81696/2-A	Lab Control Sample	Soluble	Solid	300.0	81696
LCSD 880-81696/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	81696
880-43930-9 MS	TT-10 @ 6'	Soluble	Solid	300.0	81696
880-43930-9 MSD	TT-10 @ 6'	Soluble	Solid	300.0	81696

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP-Cotton Draw

Job ID: 880-43930-1
SDG: Texas

Client Sample ID: TT-8 @ 4

Lab Sample ID: 880-43930-1
Matrix: Solid
Date Collected: 05/23/24 14:05
Date Received: 05/28/24 09:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	81694	05/28/24 14:36	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	81766	05/29/24 13:54	SMC	EET MID

Client Sample ID: TT-8 @ 8

Lab Sample ID: 880-43930-2
Matrix: Solid
Date Collected: 05/24/24 13:10
Date Received: 05/28/24 09:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	81694	05/28/24 14:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	81766	05/29/24 14:01	SMC	EET MID

Client Sample ID: TT-9 @ 4'

Lab Sample ID: 880-43930-4
Matrix: Solid
Date Collected: 05/23/24 14:35
Date Received: 05/28/24 09:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	81694	05/28/24 14:36	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	81766	05/29/24 14:07	SMC	EET MID

Client Sample ID: TT-10 @ 4'

Lab Sample ID: 880-43930-8
Matrix: Solid
Date Collected: 05/23/24 15:20
Date Received: 05/28/24 09:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	81694	05/28/24 14:36	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	81766	05/29/24 14:13	SMC	EET MID

Client Sample ID: TT-10 @ 6'

Lab Sample ID: 880-43930-9
Matrix: Solid
Date Collected: 05/24/24 14:50
Date Received: 05/28/24 09:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	81696	05/28/24 14:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	81769	05/29/24 12:38	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Job ID: 880-43930-1
Project/Site: COP-Cotton Draw
SDG: Texas

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	06-30-24

Method Summary

Client: TRC Solutions, Inc.
Project/Site: COP-Cotton Draw

Job ID: 880-43930-1
SDG: Texas

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

Laboratory References:

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

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: COP-Cotton Draw

Job ID: 880-43930-1
SDG: Texas

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-43930-1	TT-8 @ 4	Solid	05/23/24 14:05	05/28/24 09:55	4
880-43930-2	TT-8 @ 8	Solid	05/24/24 13:10	05/28/24 09:55	8
880-43930-4	TT-9 @ 4'	Solid	05/23/24 14:35	05/28/24 09:55	4
880-43930-8	TT-10 @ 4'	Solid	05/23/24 15:20	05/28/24 09:55	4
880-43930-9	TT-10 @ 6'	Solid	05/24/24 14:50	05/28/24 09:55	6

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Chain of Custody

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

Work 880-43930 Chain of Custody

www.xenco.com Page 1 of 1

Project Manager:	Jared Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	10 Desta Dr. Suite 130	Address:	
City, State ZIP:	Midland TX 79705	City, State ZIP:	
Phone:	432.238.3003	Email:	Russell, Jared, Ike

Work Order Comments

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

Project Name:	CGF - Cotton Draw	Turn Around	☑ Routine ☐ Rush
Project Number:			
Project Location:	Texas	Due Date:	
Sampler's Name:	Russell Sebring/	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Samples Received Intact:	Yes No	Thermometer ID:	IR8
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-1.0
Sample Custody Seals:	Yes No N/A	Temperature Reading:	5.6
Total Containers:		Corrected Temperature:	5.5

Temp Blank: Yes (No) Wet Ice: (Yes) No

ANALYSIS REQUEST

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2SO_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: TPH - TX1005	Chlorides E300	Hold	Sample Comments
TT-8@4	S	5.23.24	1405	4	G	1			✓		
TT-8@8	S	5.24.24	1310	8					✓		
TT-8@10	S	5.24.24	1320	10						✓	
TT-9@4'	S	5.23.24	1435	4					✓		
TT-9@6'	S	5.24.24	1350	6							
TT-9@8'	S	5.24.24	1400	8						✓	
TT-9@10'	S	5.24.24	1410	10						✓	
TT-10@4'	S	5.23.24	1520	4					✓		
TT-10@6'	S	5.24.24	1450	6					✓		
TT-10@8'	S	5.24.24	1500	8						✓	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

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

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		5/28/24 0930	2		5/28/24 1005
3			4		
5			6		

Revised Date: 08/25/2020 Rev: 2020.2

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Received by OCD: 1/27/2025 4:59:55 PM

Released to Imaging: 5/13/2025 2:19:41 PM

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-43930-1
SDG Number: Texas

Login Number: 43930
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel
TRC Solutions, Inc.
10 Desta Drive
Suite #130E
Midland, Texas 79705

Generated 5/30/2024 7:59:31 PM

JOB DESCRIPTION

COP-Cotton Draw

JOB NUMBER

880-43932-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 5/13/2025 2:19:41 PM

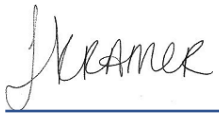
Eurofins Midland

Job Notes

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

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

Authorization



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5/30/2024 7:59:31 PM

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

Client: TRC Solutions, Inc.
Project/Site: COP-Cotton Draw

Laboratory Job ID: 880-43932-1

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Definitions/Glossary

Client: TRC Solutions, Inc. Job ID: 880-43932-1
Project/Site: COP-Cotton Draw

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
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.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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: TRC Solutions, Inc.
Project: COP-Cotton Draw

Job ID: 880-43932-1

Job ID: 880-43932-1 Eurofins Midland

Job Narrative
880-43932-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt
The samples were received on 5/28/2024 9:55 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.5°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: S-1A (880-43932-1), W-21A (880-43932-2), E-21A (880-43932-3), W-20A (880-43932-4), E-20A (880-43932-5), W-19A (880-43932-6), W-18A (880-43932-7), W-16A (880-43932-8), W-11A (880-43932-9), E-10A (880-43932-10), E-9A (880-43932-11), W-8A (880-43932-12) and E-8A (880-43932-13).

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

Hydrocarbons
Method TX_1005: The surrogate recovery for the blank associated with preparation batch 880-81702 and analytical batch 880-81744 was outside the upper control limits.

Method TX_1005: Surrogate recovery for the following samples were outside control limits: E-21A (880-43932-3), E-20A (880-43932-5), E-10A (880-43932-10), E-9A (880-43932-11), E-8A (880-43932-13), (880-43932-A-3-B MS) and (880-43932-A-3-C MSD). Evidence of matrix interferences is not obvious.

Method TX_1005: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-81702 and analytical batch 880-81744 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

HPLC/IC
Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-81774 and analytical batch 880-81856 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.

E-10A (880-43932-10), E-9A (880-43932-11), W-8A (880-43932-12), E-8A (880-43932-13), (880-43932-A-10-C MS) and (880-43932-A-10-D MSD)

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

Client Sample Results

Client: TRC Solutions, Inc. Job ID: 880-43932-1
Project/Site: COP-Cotton Draw

Client Sample ID: S-1A — Lab Sample ID: 880-43932-1

Date Collected: 05/24/24 09:30 **Matrix: Solid**
Date Received: 05/28/24 09:55
Sample Depth: 0-1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	124		4.97		mg/Kg			05/30/24 09:57	1

Client Sample ID: W-21A — Lab Sample ID: 880-43932-2

Date Collected: 05/24/24 09:40 **Matrix: Solid**
Date Received: 05/28/24 09:55
Sample Depth: 0-1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	108		5.02		mg/Kg			05/30/24 10:03	1

Client Sample ID: E-21A — Lab Sample ID: 880-43932-3

Date Collected: 05/24/24 09:45 **Matrix: Solid**
Date Received: 05/28/24 09:55
Sample Depth: 0-1

Method: TCEQ TX 1005 - Texas - Total Petroleum Hydrocarbon (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C12 Range Hydrocarbons	<50.0	U	50.0		mg/Kg		05/28/24 15:07	05/29/24 18:24	1
>C12-C28 Range Hydrocarbons	<50.0	U F2 F1	50.0		mg/Kg		05/28/24 15:07	05/29/24 18:24	1
>C28-C35 Range Hydrocarbons	<50.0	U	50.0		mg/Kg		05/28/24 15:07	05/29/24 18:24	1
Total Petroleum Hydrocarbons (C6-C35)	<50.0	U	50.0		mg/Kg			05/29/24 18:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*133*	*S1+*	*70 - 130*	*05/28/24 15:07*	*05/29/24 18:24*	*1*
o-Terphenyl (Surr)	*134*	*S1+*	*70 - 130*	*05/28/24 15:07*	*05/29/24 18:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	90.1		4.98		mg/Kg			05/30/24 10:09	1

Client Sample ID: W-20A — Lab Sample ID: 880-43932-4

Date Collected: 05/24/24 09:55 **Matrix: Solid**
Date Received: 05/28/24 09:55
Sample Depth: 0-1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	106		5.03		mg/Kg			05/30/24 10:16	1

Client Sample ID: E-20A — Lab Sample ID: 880-43932-5

Date Collected: 05/24/24 10:00 **Matrix: Solid**
Date Received: 05/28/24 09:55
Sample Depth: 0-1

Method: TCEQ TX 1005 - Texas - Total Petroleum Hydrocarbon (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C12 Range Hydrocarbons	<49.8	U	49.8		mg/Kg		05/28/24 15:07	05/29/24 19:22	1
>C12-C28 Range Hydrocarbons	55.3		49.8		mg/Kg		05/28/24 15:07	05/29/24 19:22	1
>C28-C35 Range Hydrocarbons	<49.8	U	49.8		mg/Kg		05/28/24 15:07	05/29/24 19:22	1

Client Sample Results

Client: TRC Solutions, Inc. Job ID: 880-43932-1
Project/Site: COP-Cotton Draw

Client Sample ID: E-20A — Lab Sample ID: 880-43932-5

Date Collected: 05/24/24 10:00 **Matrix: Solid**
Date Received: 05/28/24 09:55
Sample Depth: 0-1

Method: TCEQ TX 1005 - Texas - Total Petroleum Hydrocarbon (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Petroleum Hydrocarbons (C6-C35)	55.3		49.8		mg/Kg			05/29/24 19:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*157*	*S1+*	*70 - 130*	*05/28/24 15:07*	*05/29/24 19:22*	*1*
o-Terphenyl (Surr)	*158*	*S1+*	*70 - 130*	*05/28/24 15:07*	*05/29/24 19:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	324		4.97		mg/Kg			05/30/24 10:35	1

Client Sample ID: W-19A — Lab Sample ID: 880-43932-6

Date Collected: 05/24/24 10:07 **Matrix: Solid**
Date Received: 05/28/24 09:55
Sample Depth: 0-1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	139		4.98		mg/Kg			05/30/24 10:41	1

Client Sample ID: W-18A — Lab Sample ID: 880-43932-7

Date Collected: 05/24/24 10:10 **Matrix: Solid**
Date Received: 05/28/24 09:55
Sample Depth: 0-1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	84.7		5.05		mg/Kg			05/30/24 10:47	1

Client Sample ID: W-16A — Lab Sample ID: 880-43932-8

Date Collected: 05/24/24 10:15 **Matrix: Solid**
Date Received: 05/28/24 09:55
Sample Depth: 0-1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	195		5.02		mg/Kg			05/30/24 10:54	1

Client Sample ID: W-11A — Lab Sample ID: 880-43932-9

Date Collected: 05/24/24 10:25 **Matrix: Solid**
Date Received: 05/28/24 09:55
Sample Depth: 0-1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	105		5.04		mg/Kg			05/30/24 11:00	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP-Cotton Draw

Job ID: 880-43932-1

Client Sample ID: E-10A

Lab Sample ID: 880-43932-10
Matrix: Solid
Date Collected: 05/24/24 10:30
Date Received: 05/28/24 09:55
Sample Depth: 0-1

Method: TCEQ TX 1005 - Texas - Total Petroleum Hydrocarbon (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C12 Range Hydrocarbons	<49.7	U	49.7		mg/Kg		05/28/24 15:07	05/29/24 19:41	1
>C12-C28 Range Hydrocarbons	<49.7	U	49.7		mg/Kg		05/28/24 15:07	05/29/24 19:41	1
>C28-C35 Range Hydrocarbons	<49.7	U	49.7		mg/Kg		05/28/24 15:07	05/29/24 19:41	1
Total Petroleum Hydrocarbons (C6-C35)	<49.7	U	49.7		mg/Kg			05/29/24 19:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*287*	*S1+*	*70 - 130*	*05/28/24 15:07*	*05/29/24 19:41*	*1*
o-Terphenyl (Surr)	*279*	*S1+*	*70 - 130*	*05/28/24 15:07*	*05/29/24 19:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**155**	**F1**	5.00		mg/Kg			05/30/24 11:06	1

Client Sample ID: E-9A

Lab Sample ID: 880-43932-11
Matrix: Solid
Date Collected: 05/24/24 10:45
Date Received: 05/28/24 09:55
Sample Depth: 0-1

Method: TCEQ TX 1005 - Texas - Total Petroleum Hydrocarbon (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C12 Range Hydrocarbons	<49.9	U	49.9		mg/Kg		05/28/24 15:07	05/29/24 20:00	1
>C12-C28 Range Hydrocarbons	<49.9	U	49.9		mg/Kg		05/28/24 15:07	05/29/24 20:00	1
>C28-C35 Range Hydrocarbons	<49.9	U	49.9		mg/Kg		05/28/24 15:07	05/29/24 20:00	1
Total Petroleum Hydrocarbons (C6-C35)	<49.9	U	49.9		mg/Kg			05/29/24 20:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*145*	*S1+*	*70 - 130*	*05/28/24 15:07*	*05/29/24 20:00*	*1*
o-Terphenyl (Surr)	*140*	*S1+*	*70 - 130*	*05/28/24 15:07*	*05/29/24 20:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**89.1**		4.99		mg/Kg			05/30/24 11:25	1

Client Sample ID: W-8A

Lab Sample ID: 880-43932-12
Matrix: Solid
Date Collected: 05/24/24 10:50
Date Received: 05/28/24 09:55
Sample Depth: 0-1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**306**		5.02		mg/Kg			05/30/24 11:32	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP-Cotton Draw

Job ID: 880-43932-1

Client Sample ID: E-8A

Date Collected: 05/24/24 11:00
Date Received: 05/28/24 09:55
Sample Depth: 0-1

Lab Sample ID: 880-43932-13

Matrix: Solid

Method: TCEQ TX 1005 - Texas - Total Petroleum Hydrocarbon (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C12 Range Hydrocarbons	<49.9	U	49.9		mg/Kg		05/28/24 15:07	05/29/24 20:19	1
>C12-C28 Range Hydrocarbons	<49.9	U	49.9		mg/Kg		05/28/24 15:07	05/29/24 20:19	1
>C28-C35 Range Hydrocarbons	<49.9	U	49.9		mg/Kg		05/28/24 15:07	05/29/24 20:19	1
Total Petroleum Hydrocarbons (C6-C35)	<49.9	U	49.9		mg/Kg			05/29/24 20:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*148*	*S1+*	*70 - 130*	*05/28/24 15:07*	*05/29/24 20:19*	*1*
o-Terphenyl (Surr)	*149*	*S1+*	*70 - 130*	*05/28/24 15:07*	*05/29/24 20:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**104**		4.97		mg/Kg			05/30/24 11:51	1

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: COP-Cotton Draw

Job ID: 880-43932-1

Method: TX 1005 - Texas - Total Petroleum Hydrocarbon (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)											
		1CO	OTPH										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
880-43932-3	E-21A	133 S1+	134 S1+										
880-43932-3 MS	E-21A	173 S1+	168 S1+										
880-43932-3 MSD	E-21A	154 S1+	148 S1+										
880-43932-5	E-20A	157 S1+	158 S1+										
880-43932-10	E-10A	287 S1+	279 S1+										
880-43932-11	E-9A	145 S1+	140 S1+										
880-43932-13	E-8A	148 S1+	149 S1+										
LCS 880-81702/2-A	Lab Control Sample	102	96										
LCSD 880-81702/3-A	Lab Control Sample Dup	115	112										
MB 880-81702/1-A	Method Blank	127	136 S1+										

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP-Cotton Draw

Job ID: 880-43932-1

Method: TX 1005 - Texas - Total Petroleum Hydrocarbon (GC)

Lab Sample ID: MB 880-81702/1-A
Matrix: Solid
Analysis Batch: 81744

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81702

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6-C12 Range Hydrocarbons	<50.0	U	50.0		mg/Kg		05/28/24 15:07	05/29/24 17:26	1
>C12-C28 Range Hydrocarbons	<50.0	U	50.0		mg/Kg		05/28/24 15:07	05/29/24 17:26	1
>C28-C35 Range Hydrocarbons	<50.0	U	50.0		mg/Kg		05/28/24 15:07	05/29/24 17:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*127*		*70 - 130*	*05/28/24 15:07*	*05/29/24 17:26*	*1*
o-Terphenyl (Surr)	*136*	*S1+*	*70 - 130*	*05/28/24 15:07*	*05/29/24 17:26*	*1*

Lab Sample ID: LCS 880-81702/2-A
Matrix: Solid
Analysis Batch: 81744

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 81702

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C6-C12 Range Hydrocarbons			1000	1172		mg/Kg		117	75 - 125		
>C12-C28 Range Hydrocarbons			1000	1176		mg/Kg		118	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*102*		*70 - 130*
o-Terphenyl (Surr)	*96*		*70 - 130*

Lab Sample ID: LCSD 880-81702/3-A
Matrix: Solid
Analysis Batch: 81744

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 81702

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C6-C12 Range Hydrocarbons			1000	1059		mg/Kg		106	75 - 125	10	25
>C12-C28 Range Hydrocarbons			1000	1060		mg/Kg		106	75 - 125	10	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*115*		*70 - 130*
o-Terphenyl (Surr)	*112*		*70 - 130*

Lab Sample ID: 880-43932-3 MS
Matrix: Solid
Analysis Batch: 81744

Client Sample ID: E-21A
Prep Type: Total/NA
Prep Batch: 81702

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
C6-C12 Range Hydrocarbons	<50.0	U	995	1041		mg/Kg		103	75 - 125		
>C12-C28 Range Hydrocarbons	<50.0	U F2 F1	995	1611	F1	mg/Kg		158	75 - 125		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*173*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*168*	*S1+*	*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP-Cotton Draw

Job ID: 880-43932-1

Method: TX 1005 - Texas - Total Petroleum Hydrocarbon (GC) (Continued)

Lab Sample ID: 880-43932-3 MSD — **Client Sample ID: E-21A**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81744 — **Prep Batch: 81702**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C6-C12 Range Hydrocarbons	<50.0	U	995	976.9		mg/Kg		96	75 - 125	6	25
>C12-C28 Range Hydrocarbons	<50.0	U F2 F1	995	903.4	F2	mg/Kg		87	75 - 125	56	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*154*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*148*	*S1+*	*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-81774/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 81856

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			05/30/24 09:19	1

Lab Sample ID: LCS 880-81774/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 81856

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	248.7		mg/Kg		99	90 - 110		

Lab Sample ID: LCSD 880-81774/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 81856

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	243.2		mg/Kg		97	90 - 110	2	20

Lab Sample ID: 880-43932-10 MS — **Client Sample ID: E-10A**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 81856

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	155	F1	250	367.3	F1	mg/Kg		85	90 - 110		

Lab Sample ID: 880-43932-10 MSD — **Client Sample ID: E-10A**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 81856

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	155	F1	250	364.5	F1	mg/Kg		84	90 - 110	1	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP-Cotton Draw

Job ID: 880-43932-1

GC Semi VOA

Prep Batch: 81702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43932-3	E-21A	Total/NA	Solid	TX_1005_S_Prep	
880-43932-5	E-20A	Total/NA	Solid	TX_1005_S_Prep	
880-43932-10	E-10A	Total/NA	Solid	TX_1005_S_Prep	
880-43932-11	E-9A	Total/NA	Solid	TX_1005_S_Prep	
880-43932-13	E-8A	Total/NA	Solid	TX_1005_S_Prep	
MB 880-81702/1-A	Method Blank	Total/NA	Solid	TX_1005_S_Prep	
LCS 880-81702/2-A	Lab Control Sample	Total/NA	Solid	TX_1005_S_Prep	
LCSD 880-81702/3-A	Lab Control Sample Dup	Total/NA	Solid	TX_1005_S_Prep	
880-43932-3 MS	E-21A	Total/NA	Solid	TX_1005_S_Prep	
880-43932-3 MSD	E-21A	Total/NA	Solid	TX_1005_S_Prep	

Analysis Batch: 81744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43932-3	E-21A	Total/NA	Solid	TX 1005	81702
880-43932-5	E-20A	Total/NA	Solid	TX 1005	81702
880-43932-10	E-10A	Total/NA	Solid	TX 1005	81702
880-43932-11	E-9A	Total/NA	Solid	TX 1005	81702
880-43932-13	E-8A	Total/NA	Solid	TX 1005	81702
MB 880-81702/1-A	Method Blank	Total/NA	Solid	TX 1005	81702
LCS 880-81702/2-A	Lab Control Sample	Total/NA	Solid	TX 1005	81702
LCSD 880-81702/3-A	Lab Control Sample Dup	Total/NA	Solid	TX 1005	81702
880-43932-3 MS	E-21A	Total/NA	Solid	TX 1005	81702
880-43932-3 MSD	E-21A	Total/NA	Solid	TX 1005	81702

Analysis Batch: 81903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43932-3	E-21A	Total/NA	Solid	TX 1005	
880-43932-5	E-20A	Total/NA	Solid	TX 1005	
880-43932-10	E-10A	Total/NA	Solid	TX 1005	
880-43932-11	E-9A	Total/NA	Solid	TX 1005	
880-43932-13	E-8A	Total/NA	Solid	TX 1005	

HPLC/IC

Leach Batch: 81774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43932-1	S-1A	Soluble	Solid	DI Leach	
880-43932-2	W-21A	Soluble	Solid	DI Leach	
880-43932-3	E-21A	Soluble	Solid	DI Leach	
880-43932-4	W-20A	Soluble	Solid	DI Leach	
880-43932-5	E-20A	Soluble	Solid	DI Leach	
880-43932-6	W-19A	Soluble	Solid	DI Leach	
880-43932-7	W-18A	Soluble	Solid	DI Leach	
880-43932-8	W-16A	Soluble	Solid	DI Leach	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP-Cotton Draw

Job ID: 880-43932-1

HPLC/IC (Continued)

Leach Batch: 81774 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43932-9	W-11A	Soluble	Solid	DI Leach	
880-43932-10	E-10A	Soluble	Solid	DI Leach	
880-43932-11	E-9A	Soluble	Solid	DI Leach	
880-43932-12	W-8A	Soluble	Solid	DI Leach	
880-43932-13	E-8A	Soluble	Solid	DI Leach	
MB 880-81774/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-81774/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-81774/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-43932-10 MS	E-10A	Soluble	Solid	DI Leach	
880-43932-10 MSD	E-10A	Soluble	Solid	DI Leach	

Analysis Batch: 81856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43932-1	S-1A	Soluble	Solid	300.0	81774
880-43932-2	W-21A	Soluble	Solid	300.0	81774
880-43932-3	E-21A	Soluble	Solid	300.0	81774
880-43932-4	W-20A	Soluble	Solid	300.0	81774
880-43932-5	E-20A	Soluble	Solid	300.0	81774
880-43932-6	W-19A	Soluble	Solid	300.0	81774
880-43932-7	W-18A	Soluble	Solid	300.0	81774
880-43932-8	W-16A	Soluble	Solid	300.0	81774
880-43932-9	W-11A	Soluble	Solid	300.0	81774
880-43932-10	E-10A	Soluble	Solid	300.0	81774
880-43932-11	E-9A	Soluble	Solid	300.0	81774
880-43932-12	W-8A	Soluble	Solid	300.0	81774
880-43932-13	E-8A	Soluble	Solid	300.0	81774
MB 880-81774/1-A	Method Blank	Soluble	Solid	300.0	81774
LCS 880-81774/2-A	Lab Control Sample	Soluble	Solid	300.0	81774
LCSD 880-81774/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	81774
880-43932-10 MS	E-10A	Soluble	Solid	300.0	81774
880-43932-10 MSD	E-10A	Soluble	Solid	300.0	81774

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP-Cotton Draw

Job ID: 880-43932-1

Client Sample ID: S-1A
Lab Sample ID: 880-43932-1
Date Collected: 05/24/24 09:30
Matrix: Solid
Date Received: 05/28/24 09:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	81774	05/29/24 11:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	81856	05/30/24 09:57	SMC	EET MID

Client Sample ID: W-21A
Lab Sample ID: 880-43932-2
Date Collected: 05/24/24 09:40
Matrix: Solid
Date Received: 05/28/24 09:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	81774	05/29/24 11:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	81856	05/30/24 10:03	SMC	EET MID

Client Sample ID: E-21A
Lab Sample ID: 880-43932-3
Date Collected: 05/24/24 09:45
Matrix: Solid
Date Received: 05/28/24 09:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	TX_1005_S_Prep			10.01 g	10 mL	81702	05/28/24 15:07	EL	EET MID
Total/NA	Analysis	TX 1005		1	1 uL	1 uL	81744	05/29/24 18:24	SM	EET MID
Total/NA	Analysis	TX 1005		1			81903	05/29/24 18:24	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	81774	05/29/24 11:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	81856	05/30/24 10:09	SMC	EET MID

Client Sample ID: W-20A
Lab Sample ID: 880-43932-4
Date Collected: 05/24/24 09:55
Matrix: Solid
Date Received: 05/28/24 09:55

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	81774	05/29/24 11:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	81856	05/30/24 10:16	SMC	EET MID

Client Sample ID: E-20A
Lab Sample ID: 880-43932-5
Date Collected: 05/24/24 10:00
Matrix: Solid
Date Received: 05/28/24 09:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	TX_1005_S_Prep			10.04 g	10 mL	81702	05/28/24 15:07	EL	EET MID
Total/NA	Analysis	TX 1005		1	1 uL	1 uL	81744	05/29/24 19:22	SM	EET MID
Total/NA	Analysis	TX 1005		1			81903	05/29/24 19:22	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	81774	05/29/24 11:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	81856	05/30/24 10:35	SMC	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP-Cotton Draw

Job ID: 880-43932-1

Client Sample ID: W-19A
Date Collected: 05/24/24 10:07
Date Received: 05/28/24 09:55

Lab Sample ID: 880-43932-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	81774	05/29/24 11:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	81856	05/30/24 10:41	SMC	EET MID

Client Sample ID: W-18A
Date Collected: 05/24/24 10:10
Date Received: 05/28/24 09:55

Lab Sample ID: 880-43932-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	81774	05/29/24 11:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	81856	05/30/24 10:47	SMC	EET MID

Client Sample ID: W-16A
Date Collected: 05/24/24 10:15
Date Received: 05/28/24 09:55

Lab Sample ID: 880-43932-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	81774	05/29/24 11:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	81856	05/30/24 10:54	SMC	EET MID

Client Sample ID: W-11A
Date Collected: 05/24/24 10:25
Date Received: 05/28/24 09:55

Lab Sample ID: 880-43932-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	81774	05/29/24 11:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	81856	05/30/24 11:00	SMC	EET MID

Client Sample ID: E-10A
Date Collected: 05/24/24 10:30
Date Received: 05/28/24 09:55

Lab Sample ID: 880-43932-10
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	TX_1005_S_Prep			10.06 g	10 mL	81702	05/28/24 15:07	EL	EET MID
Total/NA	Analysis	TX 1005		1	1 uL	1 uL	81744	05/29/24 19:41	SM	EET MID
Total/NA	Analysis	TX 1005		1			81903	05/29/24 19:41	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	81774	05/29/24 11:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	81856	05/30/24 11:06	SMC	EET MID

Client Sample ID: E-9A
Date Collected: 05/24/24 10:45
Date Received: 05/28/24 09:55

Lab Sample ID: 880-43932-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	TX_1005_S_Prep			10.03 g	10 mL	81702	05/28/24 15:07	EL	EET MID
Total/NA	Analysis	TX 1005		1	1 uL	1 uL	81744	05/29/24 20:00	SM	EET MID
Total/NA	Analysis	TX 1005		1			81903	05/29/24 20:00	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP-Cotton Draw

Job ID: 880-43932-1

Client Sample ID: E-9A

Lab Sample ID: 880-43932-11

Date Collected: 05/24/24 10:45
Matrix: Solid
Date Received: 05/28/24 09:55

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	81774	05/29/24 11:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	81856	05/30/24 11:25	SMC	EET MID

Client Sample ID: W-8A

Lab Sample ID: 880-43932-12

Date Collected: 05/24/24 10:50
Matrix: Solid
Date Received: 05/28/24 09:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	81774	05/29/24 11:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	81856	05/30/24 11:32	SMC	EET MID

Client Sample ID: E-8A

Lab Sample ID: 880-43932-13

Date Collected: 05/24/24 11:00
Matrix: Solid
Date Received: 05/28/24 09:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	TX_1005_S_Prep			10.02 g	10 mL	81702	05/28/24 15:07	EL	EET MID
Total/NA	Analysis	TX 1005		1	1 uL	1 uL	81744	05/29/24 20:19	SM	EET MID
Total/NA	Analysis	TX 1005		1			81903	05/29/24 20:19	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	81774	05/29/24 11:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	81856	05/30/24 11:51	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Job ID: 880-43932-1
Project/Site: COP-Cotton Draw

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	06-30-24

Method Summary

Client: TRC Solutions, Inc.
Project/Site: COP-Cotton Draw

Job ID: 880-43932-1

Method	Method Description	Protocol	Laboratory
TX 1005	Texas - Total Petroleum Hydrocarbon (GC)	TCEQ	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID
TX_1005_S_Prep	Extraction - Texas Total petroleum Hyrdocarbons	TCEQ	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

TCEQ = Texas Commission of Environmental Quality

Laboratory References:

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

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: COP-Cotton Draw

Job ID: 880-43932-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-43932-1	S-1A	Solid	05/24/24 09:30	05/28/24 09:55	0-1
880-43932-2	W-21A	Solid	05/24/24 09:40	05/28/24 09:55	0-1
880-43932-3	E-21A	Solid	05/24/24 09:45	05/28/24 09:55	0-1
880-43932-4	W-20A	Solid	05/24/24 09:55	05/28/24 09:55	0-1
880-43932-5	E-20A	Solid	05/24/24 10:00	05/28/24 09:55	0-1
880-43932-6	W-19A	Solid	05/24/24 10:07	05/28/24 09:55	0-1
880-43932-7	W-18A	Solid	05/24/24 10:10	05/28/24 09:55	0-1
880-43932-8	W-16A	Solid	05/24/24 10:15	05/28/24 09:55	0-1
880-43932-9	W-11A	Solid	05/24/24 10:25	05/28/24 09:55	0-1
880-43932-10	E-10A	Solid	05/24/24 10:30	05/28/24 09:55	0-1
880-43932-11	E-9A	Solid	05/24/24 10:45	05/28/24 09:55	0-1
880-43932-12	W-8A	Solid	05/24/24 10:50	05/28/24 09:55	0-1
880-43932-13	E-8A	Solid	05/24/24 11:00	05/28/24 09:55	0-1

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Chain of Custody

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

Work Order: 880-43932 Chain of Custody

www.xenco.com Page 1 of 2

Project Manager:	Jared Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	10 Desta Dr. Suite 130	Address:	
City, State ZIP:	Midland TX 79705	City, State ZIP:	
Phone:	432.238.3003	Email:	Jaren / Ike / Russell

Work Order Comments

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

Project Name:	CVP. Cotton Draw	Turn Around	
Project Number:		☐ Routine ☐ Rush	
Project Location:		Due Date:	
Sampler's Name:	Russell Sebring/	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Samples Received Intact:	(Yes) No	Thermometer ID:	IR8	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-.1	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	5.6	
Total Containers:		Corrected Temperature:	5.5	

Preservative Codes

None: NO — DI Water: H_2O
Cool: Cool — MeOH: Me
HCL: HC — HNO_3: HN
H_2SO_4: H_2 — NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	TPH - TX1005	Chlorides E300	Sample Comments
S-1A	S	5.24.24	930	0-1	G	1			✓	
W-21A			940						✓	
E-21A			945					✓	✓	
W-20A			955						✓	
E-20A			1060					✓	✓	
W-19A			1005						✓	
W-18A			1010						✓	
W-16A			1015						✓	
W-11A			1025						✓	
E-10A	↓	↓	1030	↓	↓	↓		✓	✓	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

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

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			5/28/24 0532	2		
3				4		
5				6		

Revised Date: 08/25/2020 Rev. 2020.2

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Released to Imaging: 5/13/2025 2:19:41 PM

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5/30/2024

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Chain of Custody

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

Work Order No: 439132

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Project Manager:	Jared Stoffel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	10 Desta Dr. Suite 130	Address:	
City, State ZIP:	Midland TX 79705	City, State ZIP:	
Phone:	432.238.3003	Email:	

Work Order Comments

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

Project Name:	COP Cotton Draw	Turn Around	
Project Number:		☐ Routine ☐ Rush	
Project Location:		Due Date:	
Sampler's Name:	Russell Sebring/	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

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

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	TPH - TX1005	Chlorides E300
E-9A	S	5.24.24	1045	0-1	G	1		✓	✓
~~E-9A~~ W-8A	"	"	1050	"	"	1			✓
E-8A	"	"	1100	"	"	1		✓	✓

Preservative Codes

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

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		5.28.24 0530	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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Released to Imaging: 5/13/2025 2:19:41 PM

Login Sample Receipt Checklist

Client: TRC Solutions, Inc. Job Number: 880-43932-1

Login Number: 43932 **List Source: Eurofins Midland**
List Number: 1
Creator: Rodriguez, Leticia

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	

From: Taylor, Shelly J
To: Tavarez, Ike
Cc: Stoffel, Jared
Subject: Re: [EXTERNAL] FW: ConocoPhillips - Cotton Draw (02.14.2024) Release - Lea County, New Mexico
Date: Tuesday, January 7, 2025 1:54:45 PM
Attachments: Outlook-ugcgorty.png

This is an **External** email. Do not click links or open attachments unless you validate the sender and know the content is safe.

ALWAYS hover over the link to preview the actual URL/site and confirm its legitimacy.

BLM concurs with proposal.

Respectfully,
Shelly J Taylor
Assistant Field Manager
Lands & Minerals

Bureau of Land Management
Pecos District/Roswell Field Office
2909 W 2nd St
Roswell, NM 88201

Direct 575.627.0250
Mobile 575.200.0614
sjtaylor@blm.gov

"A true leader has the confidence to stand alone, the courage to make tough decisions, and the compassion to listen to the needs of others. He does not set out to be a leader but becomes one by the quality of his actions and the integrity of his intent."— Douglas McArthur

From: Tavarez, Ike <Ike.Tavarez@conocophillips.com>
Sent: Tuesday, January 7, 2025 12:45 PM
To: Taylor, Shelly J <sjtaylor@blm.gov>
Cc: Stoffel, Jared <JStoffel@trccompanies.com>
Subject: [EXTERNAL] FW: ConocoPhillips - Cotton Draw (02.14.2024) Release - Lea County, New Mexico

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Shelly,

As discussed, here is the draft work plan for your review on the Cotton Draw release. COP has some concerns on performing the remediation/reclamation at the site. Based on the assessment, 4.0' removal would be required according to OCD guidelines. However, COP has concerns at the site with the limited access and safety concerns on performing the remediation. COP would like to leave the impact in place, with your concurrence. If you

agree, I would like to finalize the plan and submit to the NMOCD for approval. Let me know if you have any questions or if we need to meet onsite to discuss further.

Release Background

On February 14, 2024, COP was notified that a truck strike occurred on the transfer line at the Site which released approximately 816 barrels of produced water to the ground surface and affected approximately 70,000 square feet. The entire the release footprint is in the 'bar ditch' immediately adjacent to County Road 1 (Orla Road).

Release Location and Concerns

Release in a bar ditch along Orla Rd (CR1)
High traffic area
Site Access
NMDOT right-of way - agency indicated no excavation should occur within their 60-foot ROW. This would limit access the some of the impact material along the CR.
Overhead power line
Flat Line may still be in the area

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Phone: (505) 476-3441

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Phone: (505) 629-6116

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 425341

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 425341
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2404655074**
Incident Name	**NAPP2404655074 COTTON DRAW @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Re-vegetation Report Received**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	COTTON DRAW
Date Release Discovered	02/14/2024
Surface Owner	Federal

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: Other | Other (Specify) | Produced Water | Released: 816 BBL | Recovered: 480 BBL | Lost: 336 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 425341
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

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: Jared Stoffel Title: Scientist Email: jstoffel@trccompanies.com Date: 01/27/2025

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QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 425341
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (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	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (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 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	11300
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	385
GRO+DRO (EPA SW-846 Method 8015M)	385
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	03/27/2025
On what date will (or did) the final sampling or liner inspection occur	06/07/2025
On what date will (or was) the remediation complete(d)	03/27/2025
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	0
What is the estimated volume (in cubic yards) that will be remediated	0
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 425341
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	No remediation standard was exceeded, so no remediation is proposed.
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Jared Stoffel Title: Scientist Email: jstoffel@trccompanies.com Date: 01/27/2025
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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Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 425341
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

Deferral Requests Only *Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.*	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS (continued)

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QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**425373**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**01/29/2025**
What was the (estimated) number of samples that were to be gathered	**180**
What was the sampling surface area in square feet	**46500**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	0
What was the total volume (cubic yards) remediated	0
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Remediation standards were not exceeded in any samples. Reclamation standards were exceeded, but the entirety of the footprint is in a bar ditch and half is in a DOT ROW which requested no impact. No further action is requested, and no further action is supported by BLM concurrence.

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Jared Stoffel Title: Scientist Email: jstoffel@trccompanies.com Date: 01/27/2025

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QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	0
What was the total volume of replacement material (in cubic yards) for this site	0
Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeding commence(d)	03/27/2025
Summarize any additional reclamation activities not included by answers (above)	Remediation standards were not exceeded in any samples. Reclamation standards were exceeded, but the entirety of the footprint is in a bar ditch and half is in a DOT ROW which requested no impact. No further action is requested, and no further action is supported by BLM concurrence.
The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeding plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Jared Stoffel Title: Scientist Email: jstoffel@trccompanies.com Date: 01/27/2025

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QUESTIONS

Revegetation Report	
Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.	
Requesting a restoration complete approval with this submission	Yes
What was the total revegetation surface area (in square feet) for this site	0
Per Paragraph (2) of Subsection D of 19.15.29.13 NMAC the responsible party must reseed disturbed area in the first favorable growing season following closure of the site.	
On what date did the reseeding commence	06/07/2024
On what date was the vegetative cover inspected	06/07/2024
What was the life form ratio compared to pre-disturbance levels	50
What was the total percent plant cover compared to pre-disturbance levels	70
Summarize any additional revegetation activities not included by answers (above)	The entirety of the Site is in the bar ditch. There is not substantial vegetation in the bar ditch inside or outside the release area. The site is indistinguishable from the bar ditch up or down the road. No revegetation is proposed for this site, as it already matches the remainder of the bar ditch.
The responsible party must attach information demonstrating they have complied with all applicable re-vegetation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any life form ratio and percent plant cover sampling diagrams or other relevant field notes, photographs of re-vegetated areas, and a narrative of the re-vegetation activities. Refer to 19.15.29.13 NMAC.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Jared Stoffel Title: Scientist Email: jstoffel@trccompanies.com Date: 01/27/2025
Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.	

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CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
nvelez	None	5/13/2025