

# SITE CHARACTERIZATION REMEDIATION PLAN

Neff 13 Federal #011 Eddy County, New Mexico Incident Number nAPP2227367047

> Prepared for: Chevron USA, Inc.

Carlsbad • Houston • Midland • San Antonio • Lubbock • Hobbs • Lafayette



#### **SYNOPSIS**

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Chevron USA, Inc. (Chevron), presents the following Site Characterization Remediation Plan (SCRP) detailing a scope of work to address soil impacts from an inadvertent release of unknown substance at the Neff 13 Federal #011 (Site). Based on delineation laboratory analytical results, Chevron proposes this SCRPA, which details remediation objectives to rectify environmental impacts at the Site.

#### SITE LOCATION AND RELEASE BACKGROUND

The Site is located in Unit G, Section 13, Township 22 South, Range 31 East, in Eddy County, New Mexico (32.393379°, -103.730022°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (**Figure 1** in **Appendix A**).

On September 15, 2022, an illegal dumping on a Chevron lease road resulted in approximately 25 barrels (bbls) of an unknown substance on the lease road and adjacent pasture. No Fluids were recovered. Chevron immediately reported the release to the NMOCD (Mr. Mike Bratcher) via email on September 16, 2022, and on a Release Notification and Corrective Action Form C-141 (Form C-141), which was received by the NMOCD on September 30, 2022, and was subsequently assigned Incident Number nAPP2227367047. **Figure 2** in **Appendix A** depicts the observed release area, hereafter referred to as the Area of Concern (AOC).

On February 2, 2024, Etech conducted initial excavation activities to remove identified impacts from the eastern most area of the AOC. Approximately 9 cubic yards of impacted soil was excavated and temporarily placed on a plastic liner on the Site well pad and will be hauled to a nearby disposal facility upon completion of the remainder of the excavation as outlined in this SCRP.

On August of 2024, Chevron received access approval from the BLM for clearance to investigate and address soil impacts off pad.

#### SITE CHARACTERIZATION AND CLOSURE CRITERIA

Etech characterized the Site according to Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC) considering depth to groundwater and the proximity to:

- Any continuously flowing watercourse or any other significant watercourse;
- Any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark);
- An occupied permanent residence, school, hospital, institution or church;
- A spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes;
- Any freshwater well or spring;
- Incorporated municipal boundaries or a defined municipal fresh water well field covered under a municipal ordinance;
- A wetland;
- A subsurface mine;
- An unstable area (i.e. high karst potential); and
- A 100-year floodplain.

The closest water well with data is New Mexico Office of the State Engineer (NMOSE) well C-04144 POD 9, located approximately 0.71-mile northeast of the Site. The well boring was reported dry up to the terminus depth of 63 feet below ground surface (bgs) in 2018. Based on this information and findings from the regional water well review, groundwater depth at the Site is estimated to be between 51-100 feet



bgs. The well record referenced for depth to groundwater determination at the Site is included in **Appendix C**.

All other potential receptors are not within the established buffers in NMAC 19.15.29.12. Receptor details and sources used to determine the site characterization are included in Figure 1 in Appendix A.

The Site is located within a low karst potential area and all other potential receptors are not within the established buffers defined in NMAC 19.15.29.12. Receptor details from the site characterization are included in **Figure 1B** and **Figure 1C** in **Appendix A**.

Based on the results from the desktop review at the Site and distance of the well with available water data, the following Closure Criteria is applied:

Constituents of Concern (COCs)	Laboratory Analytical Method	Closure Criteria <sup>†</sup>
Chloride	Environmental Protection Agency (EPA) 300.0	600 milligram per kilogram (mg/kg)
Total Petroleum Hydrocarbon (TPH)	EPA 8015 M/D	100 mg/kg
TPH-Gasoline Range Organics (GRO)+ TPH-Deisel Range Organics (DRO)	EPA 8015 M/D	-
Benzene	EPA 8260B	10 mg/kg
Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA 8260B	50 mg/kg

<sup>†</sup>The reclamation concentration requirements of 600 mg/kg chloride and 100 mg/kg TPH apply to the top 4 feet of areas to be immediately reclaimed following remediation pursuant to NMAC 19.15.17.13.

#### **INITIAL CORRECTIVE ACTION AND SOIL SAMPLING ACTIVITIES**

Between February 5, 2024, and March 9, 2024, Etech conducted initial and follow up excavation activities to remove identified impacts from the eastern most area of the AOC. Approximately 9 cubic yards of impacted soil was excavated. Etech collected 5-point composite confirmation soil samples representing no greater than 200 square feet from the floors (Floor Sample 1, Floor Sample 2 and Bottom Hole-3) and sidewalls (North Sidewall, East Sidewall and South Sidewall). The 5-point composite soil samples were comprised of five equivalent aliquots homogenized in a 1-gallon, resealable plastic bag. Confirmation soils samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. The locations of the confirmation soil samples are shown in **Figure 2** in **Appendix A**.

Excavation soil samples were placed directly into lab provided pre-cleaned glass jars, packaged with minimal void space, labeled, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures, to Eurofins Environment Testing South Central, LLC (Eurofins) in Midland, Texas, for analysis of COCs.

#### **EXCAVATION LABORATORY ANALYTICAL RESULTS**

Laboratory analytical results indicated COC concentrations were below the Site Closure Criteria for all final confirmation samples.

Laboratory analytical results are summarized in **Table 1** as **Attachment E**, and the complete laboratory reports with chain-of-custody documentation is included as **Attachment F**.



Between May 30, 2024, and October 18, 2024, Etech conducted delineation activities to assess the presence or absence of residual impacts associated with the AOC. Nineteen boreholes (BH01 through BH19) were advanced within and around the AOC via hand auger which were driven by field screening soil samples for VOCs using a PID and chloride using Hach® chloride QuanTab® test strips. A minimum of two soil samples per delineation sampling location were collected for laboratory analysis, representing the highest observed field screened concentrations and the greatest depth. Field screening results and soil descriptions were denoted on soil sampling logs, which are included as **Appendix C**. The locations of the delineation soil samples were mapped with a handheld GPS unit and are shown in **Figure 3** in **Appendix A**. Photographic documentation during delineation activities is included in **Appendix D**.

Delineation soil samples were placed directly into lab provided pre-cleaned glass jars, packaged with minimal void space, labeled, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures, to Envirotech Analytical Laboratory (Envirotech) in Farmington, New Mexico, for analysis of COCs.

#### DELINEATION LABORATORY ANALYTICAL RESULTS

Laboratory analytical results indicated COCs concentrations were below the Site Closure Criteria, however, soil samples BH02, BH04 and BH05 exceeded the reclamation standard at 0.5-foot bgs.

Laboratory analytical results are summarized in **Table 1** as **Attachment E**, and the complete laboratory reports with chain-of-custody documentation is included as **Attachment F**.

#### PROPOSED REMEDIATION PLAN

Based on the delineation soil sample laboratory analytical results, the following conclusions regarding the release are presented:

- Based on laboratory analytical results, BTEX and benzene concentrations were below the Site Closure Criteria for all analyzed soil samples, however, chloride concentrations exceedances above the reclamation standard were present within the AOC, specifically within proximity to delineation soil sampling locations BH02, BH04 and BH05 located in the pasture. TPH concentrations were below the laboratory detection threshold for all other delineation soil samples.
- Concentrations of all COCs for the terminus delineation soil samples from each sampling location were below the applicable Site Closure Criteria, providing sufficient vertical delineation.
- Horizontal delineation was achieved through delineation soil sampling locations collected outside the AOC.

Based on the conclusion drawn above, Chevron proposes the following remedial corrective actions:

- Based off delineation laboratory analytical results, Chevron proposes to excavate up to 1-foot bgs within proximity of delineation soil sampling locations BH02, BH04 and BH05 (minimum of 35 cubic yards). The excavation(s) will extend laterally until the concentrations of the COCs for confirmation soil sample results are in accordance with the applicable Site Closure Criteria. The proposed excavation(s) are presented on Figure 2 in Appendix A.
  - i. Confirmation sampling frequency will represent a maximum of 200 square feet per soil sample collected from the excavation floor and sidewalls. The 5-point excavation confirmation soil samples will be comprised of five equivalent aliquots homogenized in a 1-gallon, resealable plastic bag. The samples will be placed into lab provided pre-cleaned



glass jars, packaged with minimal void space, labeled, and immediately placed on ice. The soil samples will be transported under strict chain-of-custody procedures to an accredited laboratory and analyzed for COCs.

- The proposed excavation(s) may require third-party operator oversight and additional safety
  measures near their respective subsurface pipelines before or during excavation activities. In
  which case, Chevron and/or the third-party operator may implement additional safety precautions
  above encroachment guidelines at their company's discretion for the health and safety of on-site
  personnel and for the structural integrity of utilities. Such restrictions include but are not limited to:
  - i. Shifting the proposed excavation extent(s) to adhere to established buffer zone(s) around one or more utilities.
  - ii. Inducing a change in proposed excavation(s) depth(s) around one or more utilities.
- Upon receipt and review of excavation confirmation soil sample laboratory analytical results, Chevron will determine the appropriate measure of corrective actions that will include:
  - i. Documenting the removal of impacted soil at the Site with a subsequent report detailing assessment, sampling activities, and Site restoration activities including, but not limited to backfilling the excavation with lean, locally sourced soil and restoring it to "as close to its original state as possible."
    - or -
  - ii. Preparing a SCRP addendum detailing the next course of remedial actions to address the presence of any remaining soil impacts at the Site, based off an estimated lateral and vertical extent of impacted soil from soil sampling activities.

Chevron believes this SCRP will meet requirements set forth in NMAC 19.15.29.13 and be a balanced protection of human health, the environment and groundwater. As such, Chevron respectfully requests approval of this SCRP from NMOCD. Documentation of correspondence and notifications regarding Incident Number nAPP2227367047 is presented as **Appendix G**.

If you have any questions or comments, please do not hesitate to contact Joseph Hernandez at (281) 702-2329 or joseph@etechenv.com or Erick Herrera at (432) 305-6416 or erick@etechenv.com.

Sincerely,

eTECH Environmental and Safety Solutions, Inc.

Abraham Valladares Project Coordinator

syn Add

Joseph S. Hernandez Senior Managing Geologist

cc: Amy Barnhill, Chevron New Mexico Oil Conservation Division Bureau of Land Management



### Appendices:

Appendix A:	Figure 1: Site Map
	Figure 1A: Site Characterization – Groundwater
	Figure 1B: Site Characterization – Surface Receptors
	Figure 1C: Site Characterization – Subsurface Receptors
	Figure 2: Delineation Soil Sample Locations
	Figure 3: Proposed Excavation Area
Appendix B:	Referenced Well Records
Appendix C:	Soil Sampling Logs
Appendix D:	Photographic Log
Appendix E:	Tables
Appendix F:	Laboratory Analytical Reports & Chain-of-Custody Documentation
Appendix G:	Correspondence & Notifications

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### **APPENDIX A**

## Figures

P.O. Box 62228 Midland • TX • 79711 • Tel: 432-563-2200 • Fax: 432-563-2213





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### APPENDIX B

### **Referenced Well Records**

P.O. Box 62228 Midland • TX • 79711 • Tel: 432-563-2200 • Fax: 432-563-2213





### WELL RECORD & LOG

### OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

STATE ENGINEER OFFICE ROSWELL, NEW MEXICO

2018 SEP 10 PM 1:27

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Tom Blaine, P.E. State Engineer



Roswell Office 1900 WEST SECOND STREET ROSWELL, NM 88201

### ROSWELL, NM 66

### STATE OF NEW MEXICO

Trn Nor: 629430 FFICE OF THE STATE ENGINEER

File Nbr: C 04144 Well File Nbr: C 04144 POD9

Sep. 18, 2018

ALAN BRANDON GHD SERVICES INC. 6121 INDIAN SCHOOL RD NE ALBUQUERQUE, NM 87110

Greetings:

The above numbered permit was issued in your name on 07/30/2018.

The Well Record was received in this office on 09/10/2018, stating that it had been completed on 08/11/2018, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 07/31/2019.

If you have any questions, please feel free to contact us.

Sincerely,

Yolanda Méndiola (575)622-6521

drywell

### APPENDIX C

## Soil Sampling Logs

P.O. Box 62228 Midland • TX • 79711 • Tel: 432-563-2200 • Fax: 432-563-2213



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Incident Number: nAPP2227367047         Job Number: 16740         LITHOLOGIC / SOIL SAMPLING LOG       Logged By: HB       Method: Shovel         Site Coordinates: 32.393080, -103.732262       Hole Diameter: 5 inches       Total Depth: 1 foot         Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride teperformed with 1:4 dilution factor of soil to distilled water.       Lithologic Descriptions/Notes         antional of the stription of the striptic transformating of the stription of the st					<b>—</b> –			Sample Name: BH06	Date: 10/17/2024
Job Number: 16740         LITHOLOGIC / SOIL SAMPLING LOG       Logged By: HB       Method: Shovel         Site Coordinates: 32.393080, -103.732262       Hole Diameter: 5 inches       Total Depth: 1 foot         Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride teperformed with 1:4 dilution factor of soil to distilled water.       Symptotic formation of action of soil to distilled water.         antiginal of the sympton of the sy			Г		$\sim$				2047
LITHOLOGIC / SOIL SAMPLING LOG       Logged By: HB       Method: Shovel         Site Coordinates: 32.393080, -103.732262       Hole Diameter: 5 inches       Total Depth: 1 foot         Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride teperformed with 1:4 dilution factor of soil to distilled water.					$\bigcirc$				)1041
Site Coordinates:       32.393080, -103.732262       Hole Diameter: 5 inches       Total Depth: 1 foot         Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride te performed with 1:4 dilution factor of soil to distilled water. <ul> <li>mitiging of the performed with 1:4 dilution factor of soil to distilled water.</li> <li>mitiging of the performed with 1:4 dilution factor of soil to distilled water.</li> </ul> Lithologic Descriptions/Notes <ul> <li>figure of the performed with 1:4 dilution factor of soil to distilled water.</li> <li>mitiging of the performed with 1:4 dilution factor of soil to distilled water.</li> </ul> Lithologic Descriptions/Notes <ul> <li>figure of the performed with 1:4 dilution factor of soil to distilled water.</li> <li>mitiging of the performed with 1:4 dilution factor of soil to distilled water.</li> </ul> mitiging of the performed with 1:4 dilution factor of soil to distilled water. <ul> <li>figure of the performed with 1:4 dilution factor of soil to distilled water.</li> <li>figure of the performed with 1:4 dilution factor of soil to distilled water.</li> </ul> mitiging of the performed with 1:4 dilution factor of soil to distilled water.              Lithologic Descriptions/Notes           Dry <ul> <li>figure of the performed with factor sold and the peri</li></ul>	1 171						2		Mathad: Shavel
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride teres with 1:4 dilution factor of soil to distilled water.         and reference with 1:4 dilution factor of soil to distilled water.       and reference with 1:4 dilution factor of soil to distilled water.         and reference with 1:4 dilution factor of soil to distilled water.       and reference with 1:4 dilution factor of soil to distilled water.         and reference with 1:4 dilution factor of soil to distilled water.       and reference water.       and reference water.         and reference with 1:4 dilution factor of soil to distilled water.       and reference water.       and reference water.         and reference with 1:4 dilution factor of soil to distilled water.       and reference water.       and reference water.       and reference water.         and reference with 1:4 dilution factor of soil to distilled water.       and reference water.       and reference water.       and reference water.         and reference water.       and reference water.       and reference water.       and reference water.       and reference water.       by and reference water.       by and reference water.       by and reference water.       by and reference water.         Dry       <116       0.0       No       BH06       0.5       0.5       SW-SM       (0-0.5') SAND, dry, light brown, poorly graded with trace silt, very fine-fine grain, organic, no stain, no odor.									
performed with 1:4 dilution factor of soil to distilled water.         and and big       big       and and big       big       and and big       big       and and big       and and big       and and big       big       and and big       big       and and big       and and big       big       and and big       and and big       big       and and big       and big       big       big       and big       big       big       big       and big       and big       big <th></th> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td>									-
antion							0 10310		apor, respectively. Onlonde test
Dry       <116       0.0       No       BH06       0.5       0.5       fine - coarse grain, organic, no stain, no odor.         Dry       <116       0.0       No       BH06       1       1       SP-SM	Moisture Content Chloride	(ppm) Vapor (ppm)	Staining	Sample ID	Sample Depth	(feet bgs) Depth (feet bgs)		_	
Dry       <116				<b>DUIDO</b>	0.5	+	SW-SM		-
Dry     <116	Dry <1	16 0.0	No	BH06	0.5	0.5		fine - coarse grain, orgai	nic, no stain, no odor.
Total Depth	Dry <1	16 0.0	No	BH06	1	1			
							I otal L	Depth	

		<u> </u>	_		Sample Name: BH07	Date: 10/17/2024		
					Site Name: Neff 13 Fed #11	70.47		
					Incident Number: nAPP2227367047 Job Number: 16740			
			NG LUG			Method: Shovel		
						Total Depth: 1 foot		
				ଟ । ୯୪୮ ୦	יוטי טווטוועפ אוע עז טווטוועפ אוע עז	apor, respectively. Chilonde test		
Vapor (ppm) Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol		criptions/Notes		
		<u> </u>	- o -	SW-SM	. ,	-		
5 0.0 N	IO BHU7	0.5	0.5		fine - coarse grain, organ	ic, no stain, no odor.		
		+ -+ +	_		(0.5'-1') SAND, dry, light brown very fine-fine grain, orgar			
6 0.0 N	lo BH07	1	1	SP-SM				
				Total D	Depth			
	eld screenir 1:4 dilutior (udd) 0.0 N	es: 32.393192, -103.7 eld screening conducte in 1:4 dilution factor of s <b>Gabor</b> Samble ID Samble No BH07	res: 32.393192, -103.731933 eld screening conducted with HAC n 1:4 dilution factor of soil to distille (bbm) (bbm) (bbm) (bbm) Samble (bbm) (bbm	tes: 32.393192, -103.731933 eld screening conducted with HACH Chlorid in 1:4 dilution factor of soil to distilled water. <b>George Debth</b> <b>O.0</b> No BH07 0.5 0.5	eld screening conducted with HACH Chloride Test S n 1:4 dilution factor of soil to distilled water.	OLOGIC / SOIL SAMPLING LOG       Logged By: HB         tes: 32.393192, -103.731933       Hole Diameter: 5 inches         eld screening conducted with HACH Chloride Test Strips and PID for chloride and value 1:4 dilution factor of soil to distilled water.         to fue       a         to fue       b         to fue       b         to fue       b         to fue       a         to fue       b         to fue       b         to fue       b		

Site Name: Neff 13 Fed #11         Incident Number: nAPP2227367047         Job Number: 16740         LITHOLOGIC / SOIL SAMPLING LOG         Logged By: HB         Method:         Site Coordinates: 32.393441, -103.731797         Hole Diameter: 5 inches         Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, response         performed with 1:4 dilution factor of soil to distilled water.         an tig big fund         Med of tig big fund         Site Coordinates: 32.393441, -103.731797         Hole Diameter: 5 inches         Total De         Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, response         performed with 1:4 dilution factor of soil to distilled water.         Util big	epth: 1 foot ectively. Chloride test ons/Notes led with trace silt,
Incident Number: nAPP2227367047         Job Number: 16740         LITHOLOGIC / SOIL SAMPLING LOG       Logged By: HB       Method:         Site Coordinates: 32.393441, -103.731797       Hole Diameter: 5 inches       Total De         Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, response         performed with 1:4 dilution factor of soil to distilled water.         Automatication of soil to distilled water.         Lithologic Descriptio         on automatication of soil to distilled water.         Lithologic Descriptio         Prival automatication of soil to distilled water.         Lithologic Descriptio         Dry <116	epth: 1 foot ectively. Chloride test ons/Notes led with trace silt,
Job Number: 16740         LITHOLOGIC / SOIL SAMPLING LOG       Logged By: HB       Method:         Site Coordinates: 32.393441, -103.731797       Hole Diameter: 5 inches       Total De         Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, response         performed with 1:4 dilution factor of soil to distilled water. <b>Utithologic Descriptio</b> Site Coordinates:       G       O       A       Method:         Total De         Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, response         performed with 1:4 dilution factor of soil to distilled water. <b>Lithologic Descriptio</b> Sign and a get for a get	epth: 1 foot ectively. Chloride test ons/Notes led with trace silt,
LITHOLOGIC / SOIL SAMPLING LOG       Logged By: HB       Method:         Site Coordinates: 32.393441, -103.731797       Hole Diameter: 5 inches       Total De         Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, response       Total De         Performed with 1:4 dilution factor of soil to distilled water.       It differentiation factor of soil to distilled water.       Site Coordinates:         Image: Stripping of the stripping o	epth: 1 foot ectively. Chloride test ons/Notes led with trace silt,
Site Coordinates:       32.393441, -103.731797       Hole Diameter: 5 inches       Total De         Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, response of soil to distilled water.       Image: Comment of soil to distilled water.       Image: Comment of soil to distilled water.         anticipe of the screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, response of soil to distilled water.       Image: Comment of soil to distilled water.       Image: Comment of soil to distilled water.         anticipe of the screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, response of soil to distilled water.       Image: Comment of soil to distilled water.       Image: Comment of soil to distilled water.         anticipe of the screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, response of soil to distilled water.       Image: Comment of soil to distilled water.       Image: Comment of soil to distilled water.         anticipe of the screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, response of soil to distilled water.       Image: Comment of soil to distilled water.       Image: Comment of soil to distilled water.         anticipe of the screening conducted with HACH Chloride Test Strips of the screening of soil to distilled water.       Image: Comment of screening conducted water.       Image: Comment of screening conducted water.         Dry       <116       0.0       No       BH08       0.5       Image: Comment of screening conducted water.	epth: 1 foot ectively. Chloride test ons/Notes led with trace silt,
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, response performed with 1:4 dilution factor of soil to distilled water.         antiging       antif       antif       antiging       anti	ectively. Chloride test
performed with 1:4 dilution factor of soil to distilled water.         any sign       any sign </th <th>ens/Notes</th>	ens/Notes
and transmitter	ed with trace silt,
Dry<116	
Dry <116 0.0 No BH08 1 1 SP-SM	
Dry <116 0.0 No BH08 1 1 SP-SM	in, no odor.
Total Depth	

Site Coor Comment performed	rdinates ts: Fiel d with 2		<b>C</b> / 3	E(	$\mathbb{C}$		1		Sample Name: BH09 Site Name: Neff 13 Fed #11	Date: 10/17/2024	
Site Coor Comment performed	rdinates ts: Fiel d with 2	s: 32.39	<b>C</b> / 3	E	$\bigcap$				Sile Name: Nett 13 Fed #11		
Site Coor Comment performed	rdinates ts: Fiel d with 2	s: 32.39	C / 3						Incident Number: nADD000700	7047	
Site Coor Comment performed	rdinates ts: Fiel d with 2	s: 32.39	C / 3						Incident Number: nAPP2227367047 Job Number: 16740		
Site Coor Comment performed	rdinates ts: Fiel d with 2	s: 32.39						2		Method: Shovel	
Comment performed	ts: Fiel d with <sup>2</sup>								Logged By: HB Hole Diameter: 5 inches		
performe	d with ´	d corooi				нас				Total Depth: 1 foot apor, respectively. Chloride test	
sture itent	de							5 10310		apor, respectively. Onlonde test	
Mois Con	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth	(feet bgs)	Depth (feet bgs)	USCS/Rock Symbol		scriptions/Notes	
_				<b>D</b> 1100		+		SW-SM	(0-0.5') SAND, dry, light brown,		
Dry <	<116	0.0	No	BH09	0.5	+	0.5		fine - coarse grain, orgar	nic, no stain, no odor.	
						+	-		(0.5'-1') SAND, dry, light brown very fine-fine grain, orga		
Dry <	<116	0.0	No	BH09	1		1	SP-SM			
$\mathbf{i}$								Total D	Depth		

Sample Name: EH10								
Incident Number: nAPP2227367047         Job Number: 16740         LITHOLOGIC / SOIL SAMPLING LOG       Logged By: HB       Method: Shovel         Site Coordinates: 32.393399, -103.731366       Hole Diameter: 5 inches       Total Depth: 1 foot         Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride performed with 1:4 dilution factor of soil to distilled water.       Lithologic Descriptions/Notes         antion of a bar	1			<b>— —</b> —		Sample Name: BH10	Date: 10/17/2024	
Job Number: 16740         LITHOLOGIC / SOIL SAMPLING LOG       Logged By: HB       Method: Shovel         Site Coordinates: 32.393399, -103.731366       Hole Diameter: 5 inches       Total Depth: 1 foot         Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride performed with 1:4 dilution factor of soil to distilled water.       Method: Shovel         an trapic of big of bi				$\sim$ $\Box$			27047	
LITHOLOGIC / SOIL SAMPLING LOG       Logged By: HB       Method: Shovel         Site Coordinates: 32.393399, -103.731366       Hole Diameter: 5 inches       Total Depth: 1 foot         Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride performed with 1:4 dilution factor of soil to distilled water.       Method: Shovel         an training of the performed with 1:4 dilution factor of soil to distilled water.       Method: Shovel         an training of the performed with 1:4 dilution factor of soil to distilled water.       Method: Shovel         an training of the performed with 1:4 dilution factor of soil to distilled water.       Method: Shovel         an training of the performed with 1:4 dilution factor of soil to distilled water.       Method: Shovel         brigger of the performed with 1:4 dilution factor of soil to distilled water.       Method: Shovel         an training of the performed with 1:4 dilution factor of soil to distilled water.       Method: Shovel         brigger of the performed with 1:4 dilution factor of soil to distilled water.       Method: Shovel         brigger of the performed with 1:4 dilution factor of soil to distilled water.       Method: Shovel         brigger of the performed with 1:4 dilution factor of soil to distilled water.       Method: Shovel         brigger of the performed with 1:4 dilution factor of soil to distilled water.       Method: Shovel         brigger of the performed with 1:4 dilution factor of								
Site Coordinates:       32.393399, -103.731366       Hole Diameter: 5 inches       Total Depth: 1 foot         Comments:       Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride performed with 1:4 dilution factor of soil to distilled water.       Lithologic Descriptions/Notes         antigened with 1:4 dilution factor of soil to distilled water.       antigened for the solution factor of soil to distilled water.       bit of the solution factor of soil to distilled water.         antigened with 1:4 dilution factor of soil to distilled water.       antigened for the solution factor of soil to distilled water.       bit of the solution factor of soil to distilled water.         antigened bit of the solution factor of soil to distilled water.       antigened for the solution factor of soil to distilled water.       bit of the solution factor of soil to distilled water.         antigened bit of the solution factor of soil to distilled water.       antigened for the solution factor of soil to distilled water.       bit of the solution factor of soil to distilled water.         antigened bit of the solution factor of soil to distilled water.       antigened for the solution factor of soil to distilled water.       bit of the solution factor of soil to distilled water.         bit of the solution factor of soil to distilled water.       antigened for the solution factor of soil to distilled water.       bit of the solution factor of soil to distilled water.       bit of the solution factor of soil to distilled water.         Dry       <116       0								
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride performed with 1:4 dilution factor of soil to distilled water.         any sign					LUG			
performed with 1:4 dilution factor of soil to distilled water.         any sign       any sign <t< th=""><th></th><th></th><th></th><th></th><th>Norida Taat</th><th></th><th>-</th></t<>					Norida Taat		-	
anticipation       anticipation <th< th=""><th></th><th></th><th></th><th></th><th></th><th>Surps and PID for chloride and v</th><th>apor, respectively. Chloride test</th></th<>						Surps and PID for chloride and v	apor, respectively. Chloride test	
Dry       <116       0.0       No       BH10       0.5       0.5       fine - coarse grain, organic, no stain, no odor.         Dry       <116       0.0       No       BH10       1       1       SP-SM					(feet bgs) USCS/Rock Svmbol			
Dry       <116       0.0       No       BH10       1       1       SP-SM				<u> </u>				
Dry     <116     0.0     No     BH10     1     1     SP-SM	Dry <1	116 0.0	No BH10	0.5	0.5	fine - coarse grain, orga	nic, no stain, no odor.	
						very fine-fine grain, orga		
lotal Depth	Dry <1	:116 0.0	No BH10	1				
					TUIAI	Doptin		

		<b>—</b> –			Sample Name: BH11	Date: 10/17/2024
			_			
		$\sim$ L			Site Name: Neff 13 Fed #11	27047
					Incident Number: nAPP222736	)/ \4/
				2	Job Number: 16740	
			NG LUC			Method: Shovel
						Total Depth: 1 foot
				e resi o	unps and FID for chionde and v	apor, respectively. Chionde test
		Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol		scriptions/Notes
		<u> </u>	- o -	SW-SM	. ,	-
0.0	NO BH11	0.5	0.5		tine - coarse grain, organ	nic, no stain, no odor.
		+				
0.0	No BH11	1	1	SP-SM		
				l otal L	Depth	
	tes: 32.39 eld screen n 1:4 dilutio (udd) 6 0.0	tes: 32.393317, -103.7 eld screening conductor in 1:4 dilution factor of s <b>Gabo</b> (main Samble D Samble D Sambl	tes: 32.393317, -103.731142 eld screening conducted with HAC n 1:4 dilution factor of soil to distille (bbm) (bbm)	tes: 32.393317, -103.731142 eld screening conducted with HACH Chlorid in 1:4 dilution factor of soil to distilled water. (m (m) (m) (m) (m) (m) (m) (m) (m) (m) (	eld screening conducted with HACH Chloride Test S n 1:4 dilution factor of soil to distilled water.	OLOGIC / SOIL SAMPLING LOG       Logged By: HB         tes: 32.393317, -103.731142       Hole Diameter: 5 inches         eld screening conducted with HACH Chloride Test Strips and PID for chloride and v.         n 1:4 dilution factor of soil to distilled water.         to fue do       a       a       to fue do       a       a       a       a       a       a       to fue do       a

							Querral Number DU40	D-+ 40/47/0004	
	$\Box$						Sample Name: BH12	Date: 10/17/2024	
				$\sim$			Site Name: Neff 13 Fed #11 Incident Number: nAPP2227367	7047	
							Job Number: 16740		
LITHOLOGIC / SOIL SAMPLING LOG							Logged By: HB Method: Shovel		
Site Coordinates: 32.393344, -103.730776							Hole Diameter: 5 inches	Total Depth: 1 foot	
					ACH Chlorid	e Test S	trips and PID for chloride and va	-	
performed with						0 1001 0			
Moisture Content Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bos)	Depth (feet bgs)	USCS/Rock Symbol		criptions/Notes	
Dm. 1110	0.0	N -		0.5	+ ~-	SW-SM	(0-0.5') SAND, dry, light brown,		
Dry <116	0.9	INO	BH12	0.5	0.5		fine - coarse grain, organi	c, no stain, no odor.	
				-	+ + +		(0.5'-1') SAND, dry, light brown, very fine-fine grain, organ		
Dry <116	0.0	No	BH12	1	1	SP-SM			
$\mathbf{i}$						Total [	Depth		

-								
$\bigcirc$			<b>—</b>	_		Sample Name: BH13	Date: 10/17/2024	
			$\sim$				70.17	
							Method: Shovel	
							Total Depth: 1 foot	
					e rest S	trips and PID for chloride and va	apor, respectively. Chioride test	
	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol		criptions/Notes	
47	N .	DUIAO	<u> </u>		SW-SM	. ,	-	
1.7	NO	BH13	0.5	0.5		fine - coarse grain, organ	iic, no stain, no odor.	
			-	-  -		(0.5'-1') SAND, dry, light brown very fine-fine grain, orgar		
1.5	No	BH13	1	1	SP-SM			
					Total [	Depth		
	eld screer n 1:4 diluti (udd) 1.7	tes: 32.393400 eld screening on 1:4 dilution fa <b>(udd)</b> <b>(udd)</b> <b>(udd)</b> <b>(udd)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(bunn)</b> <b>(b)</b> <b>(b)</b> <b>(b)(b)</b> <b>(b)(b)(b)</b> <b>(b)(b)(b)(b)(b)(b)(b)(b)</b>	tes: 32.393400, -103.7 eld screening conducte in 1:4 dilution factor of s <b>Gabo</b> (mdd) <b>Build</b> <b>Staining</b> (mdd) <b>Staining</b> (mdd) <b>Staining</b> (mdd) <b>Staining</b> (md) (md) (md) (md) (md) (md) (md) (md)	tes: 32.393400, -103.730216 eld screening conducted with HAC n 1:4 dilution factor of soil to distill <b>Gamble</b> Samble Samble 1.7 No BH13 0.5	tes: 32.393400, -103.730216 eld screening conducted with HACH Chlorid in 1:4 dilution factor of soil to distilled water. <b>Gabol</b> (multiple and a staining and a staining a stain	eld screening conducted with HACH Chloride Test S n 1:4 dilution factor of soil to distilled water.	Site Name: Neff 13 Fed #11         Incident Number: nAPP222736         Job Number: 16740         OLOGIC / SOIL SAMPLING LOG       Logged By: HB         tes: 32.393400, -103.730216       Hole Diameter: 5 inches         eld screening conducted with HACH Chloride Test Strips and PID for chloride and van 1:4 dilution factor of soil to distilled water.         to make and the stress of t	

		· ·	)/17/2024	
		Site Name: Neff 13 Fed #11		
		Incident Number: nAPP2227367047		
		Job Number: 16740 Logged By: HB Method: Shovel		
	SOIL SAMPLING LOG			
Site Coordinates: 32.393382		Hole Diameter: 5 inches Total De st Strips and PID for chloride and vapor, resp	epth: 1 foot	
performed with 1:4 dilution fa		st Strips and PID for chloride and vapor, resp	ectively. Chionde test	
Moisture Content Chloride (ppm) Vapor (ppm) Staining	Sample ID Sample Depth (feet bgs) Depth (feet bgs)	ັດ E Lithologic Descriptio		
Dry <116 0.0 No	BH14 0.5 _ 0.5	HE (0-1') CALICHE, dry, tan, poorly graded v grain, no plasticity, no cohesivenes no odor.		
Dry 140 0.0 No	BH14 1 1			
		al Depth		

Sample Name: BH15       Date: 10/18/2024         Site Name: Neff 13 Fed #11       Incident Number: NAPP2227367047         Job Number: 16740       Logged By: HB       Method: Shovel         Site Coordinates: 32.393264, -103.730089       Hole Diameter: 5 inches       Total Depth: 1 foot         Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chlor performed with 1:4 dilution factor of soil to distilled water.       Ste Novel         average of the screening conducted with Game of the strips of the screening conducted with tack to distilled water.       Ste Strips and PID for chloride and vapor, respectively. Chlor performed with 1:4 dilution factor of soil to distilled water.         average of the screening conducted with tack to distilled water.       Ste Strips and PID for chloride and vapor, respectively. Chlor performed with 1:4 dilution factor of soil to distilled water.         average of the screening conducted with tack to distilled water.       Ste Strips of the screening conducted with trace screening c			
LithoLOGIC / SOIL SAMPLING LOG       Logged By: HB       Method: Shovel         Site Coordinates: 32.393264, -103.730089       Hole Diameter: 5 inches       Total Depth: 1 foot         Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloriperformed with 1:4 dilution factor of soil to distilled water.       Lithologic Descriptions/Notes         antiginary of the strip o			
Job Number: 16740         LITHOLOGIC / SOIL SAMPLING LOG       Logged By: HB       Method: Shovel         Site Coordinates: 32.393264, -103.730089       Hole Diameter: 5 inches       Total Depth: 1 foot         Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride performed with 1:4 dilution factor of soil to distilled water.       Lithologic Descriptions/Notes         antision       and			
LITHOLOGIC / SOIL SAMPLING LOG       Logged By: HB       Method: Shovel         Site Coordinates: 32.393264, -103.730089       Hole Diameter: 5 inches       Total Depth: 1 foot         Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloriperformed with 1:4 dilution factor of soil to distilled water.       Method: Shovel         an training of the screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloriperformed with 1:4 dilution factor of soil to distilled water.       Lithologic Descriptions/Notes         an training of the screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloriperformed with 1:4 dilution factor of soil to distilled water.       Lithologic Descriptions/Notes         an training of the screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloriperformed with 1:4 dilution factor of soil to distilled water.       Lithologic Descriptions/Notes         an training of the screening conducted with trace scr			
Site Coordinates:       32.393264, -103.730089       Hole Diameter: 5 inches       Total Depth: 1 foot         Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride performed with 1:4 dilution factor of soil to distilled water.       Total Depth: 1 foot         antigon of the performed with 1:4 dilution factor of soil to distilled water.       antigon of the performed with 1:4 dilution factor of soil to distilled water.       Total Depth: 1 foot         antigon of the performed with 1:4 dilution factor of soil to distilled water.       antigon of the performed with 1:4 dilution factor of soil to distilled water.       Total Depth: 1 foot         antigon of the performed with 1:4 dilution factor of soil to distilled water.       antigon of the performed with 1:4 dilution factor of soil to distilled water.       Total Depth: 1 foot         antigon of the performed with 1:4 dilution factor of soil to distilled water.       antigon of the performed with 1:4 dilution factor of soil to distilled water.       Total Depth: 1 foot         antigon of the performed with 1:4 dilution factor of soil to distilled water.       antigon of the performed with 1:4 dilution factor of soil to distilled water.       Solution of the performed with 1:4 dilution factor of soil to distilled water.         antigon of the performed with 1:4 dilution factor of soil to distilled water.       antigon of the performed with 1:4 dilution factor of soil to distilled water.       the performed with 1:4 dilution factor of soil to distilled water.         Dry       <116			
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride performed with 1:4 dilution factor of soil to distilled water.         any sign       any field       any field<			
performed with 1:4 dilution factor of soil to distilled water.         angle of Sold       angl			
Image: Second system       Image: Second system <th< td=""><td>ide lesi</td></th<>	ide lesi		
Dry       <116       0.1       No       BH15       0.5       0.5       fine - coarse grain, organic, no stain, no odor.         Dry       <116       0.0       No       BH15       1       1       SP-SM			
Dry       <116	ilt,		
Dry     <116			
	e silt,		

		$\frown$							Sample Name: BH16	Date: 10/18/2024	
					$\sim$				Site Name: Neff 13 Fed #11	67047	
									Incident Number: nAPP2227367047		
LITHOLOGIC / SOIL SAMPLING LOG								<u>`</u>	Job Number: 16740		
									Logged By: HB	Method: Shovel	
	ordinate						U Chlorid		Hole Diameter: 5 inches	Total Depth: 1 foot vapor, respectively. Chloride test	
							ed water.		inps and FID for chilonde and v	vapor, respectively. Chioride test	
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID		()	Depth (feet bgs)	USCS/Rock Symbol		escriptions/Notes	
	.1.10			DUIAO		+		SW-SM	(0-0.5') SAND, dry, light browr		
Dry	<116	0.0	No	BH16	0.5	+	0.5		fine - coarse grain, orga	anic, no stain, no odor.	
									(0.5'-1') SAND, dry, light brow very fine-fine grain, orga	n, poorly graded with trace silt, anic, no stain, no odor.	
Dry	<116	0.1	No	BH16	1		1	SP-SM			
								Total [	Depth		

					<b>a</b>		
			_		Sample Name: BH17	Date: 10/18/2024	
					Site Name: Neff 13 Fed #11	7047	
					Incident Number: nAPP222736	1041	
				2	Job Number: 16740		
		SOIL SAMP		כ	Logged By: HB	Method: Shovel	
Site Coordinates				0 Toet 9	Hole Diameter: 5 inches trips and PID for chloride and va	Total Depth: 1 foot	
performed with 1					יס טוי ערי די אווערעכ מווע ע		
Moisture Content Chloride (ppm)	Vapor (ppm) Staining	Sample ID Sample Depth	(feet bgs) Depth (feet bgs)	USCS/Rock Symbol		scriptions/Notes	
D			+ ~_	SW-SM	(0-0.5') SAND, dry, light brown,	-	
Dry <116	0.0 No	BH17 0.5	0.5		fine - coarse grain, orgar	iic, no stain, no odor.	
			+		(0.5'-1') SAND, dry, light brown very fine-fine grain, orgai		
Dry <116	0.0 No	BH17 1	1	SP-SM			
				Total [	Depth		

						Osmarla Namar DU40	D-1 40/40/0004	
	$\frown$		<b>— –</b> •			Sample Name: BH18	Date: 10/18/2024	
			$\sim$ L			Site Name: Neff 13 Fed #11	7047	
						Incident Number: nAPP2227367047 Job Number: 16740		
ו ודער					2			
					2	Logged By: HB		
Site Coordinate					o Tost S	Hole Diameter: 5 inches trips and PID for chloride and va	Total Depth: 1 foot	
performed with					6 1631 0	inps and i ib for chloride and va	por, respectively. Onlonde lest	
Moisture Content Chloride (ppm)			Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol		criptions/Notes	
Dm. 1110			<u> </u>	- 0	SW-SM	(0-0.5') SAND, dry, light brown,	-	
Dry <116	0.0 N	lo BH18	0.5	0.5		fine - coarse grain, organ	ic, no stain, no odor.	
			+			(0.5'-1') SAND, dry, light brown, very fine-fine grain, organ		
Dry <116	0.0 N	lo BH18	1	1	SP-SM			
$\searrow$					Total [	Depth		
•

(				
		_	Sample Name: BH19	Date: 10/18/2024
			Site Name: Neff 13 Fed #11	70.47
			Incident Number: nAPP222736	/U4/
			Job Number: 16740	
	GIC / SOIL SAMPLIN		Logged By: HB	Method: Shovel
	2.392998, -103.731913	U Chlorida Taat C	Hole Diameter: 5 inches Strips and PID for chloride and va	Total Depth: 1 foot
	ilution factor of soil to distille		וים סווער אויש אויים מווע אייש מווע דים אוייש מווי ער די גער גער אייש אויים מוויים מווי	apor, respectively. Unionae test
Moisture Content Chloride (ppm) Vapor		Depth (feet bgs) USCS/Rock Symbol		criptions/Notes
			(0-0.5') SAND, dry, light brown,	-
Dry <116 0.0	0 No BH19 0.5	0.5	fine - coarse grain, organ	ic, no stain, no odor.
			(0.5'-1') SAND, dry, light brown very fine-fine grain, organ	
Dry <116 0.9	9 No BH19 1 🕇	1 SP-SM		
		Total I	Depth	

## APPENDIX D

# Photographic Log

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## APPENDIX E

## Tables

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#### Table 1 SOIL SAMPLE ANALYTICAL RESULTS Chevron USA, Inc. Neff 13 Federal #011 Eddy County, New Mexico

<b>C</b> TE	CH			SOIL SAMPLE / Chev Neff 13	Table 1 ANALYTICAL RES ron USA, Inc. 3 Federal #011 unty, New Mexico				
Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
MOCD Table I Closu elease (NMAC 19.15		Is Impacted by a	10	50	NE	NE	NE	100	600
BH08	10/17/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH08	10/17/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH09	10/17/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH09	10/17/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH10	10/17/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH10	10/17/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH11	10/17/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH11	10/17/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH12	10/17/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH12	10/17/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH13	10/17/2024	0.5	<0.0250	0.293	<20.0	<25.0	<50.0	<50.0	<20.0
BH13	10/17/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH14	10/17/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	118
BH14	10/17/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	163
BH15	10/18/2024	0.5	<0.0250	0.470	<20.0	<25.0	<50.0	<50.0	<20.0
BH15	10/18/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH16	10/18/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH16	10/18/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH17	10/18/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH17	10/18/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0



#### Table 1 SOIL SAMPLE ANALYTICAL RESULTS Chevron USA, Inc. Neff 13 Federal #011 **Eddy County, New Mexico**

Released to Imaging: 11/1	CH			Chev Neff 13	Table 1 ANALYTICAL RES ron USA, Inc. 3 Federal #011 unty, New Mexico				
8/2024 Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closu Release (NMAC 19.15		l ils Impacted by a	10	50	NE	NE	NE	100	600
BH18	10/18/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
SH18	10/18/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH19	10/18/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH19	10/18/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0

Notes:

bgs: below ground surface mg/kg: milligrams per kilogram

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Text in ""grey"" represents excavated soil samples

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria and/or Reclamation Standard<sup>†</sup> for Soils Impacted by a Release

NA: Denotes unknown value or otherwise value not formally denoted and documented on the Chain of Custody

†The reclamation concentration requirements of 600 mg/kg chloride and 100 mg/kg TPH apply to the top 4 feet of areas to be immediately reclaimed following remediation pursuant to NMAC 19.15.17.13.

## APPENDIX F

## Laboratory Analytical Reports & Chain-of-Custody Documentation

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Received by OCD: 11/17/2024 1:48:10 PM



**Environment Testing** 

# **ANALYTICAL REPORT**

## PREPARED FOR

Attn: Blake Estep Etech Environmental & Safety Solutions PO BOX 62228 Midland, Texas 79711 Generated 2/16/2024 12:43:36 PM

## JOB DESCRIPTION

Neff 13 CTB Illegal Dump 16740

## **JOB NUMBER**

880-38945-1

Eurofins Midland 1211 W. Florida Ave Midland TX 79701

See page two for job notes and contact information.



## **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

AMER

Generated 2/16/2024 12:43:36 PM

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

#### Laboratory Job ID: 880-38945-1 SDG: 16740

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	25

Detection Limit (DoD/DOE)

Estimated Detection Limit (Dioxin)

Limit of Detection (DoD/DOE)

Method Detection Limit Minimum Level (Dioxin)

Most Probable Number

Not Calculated

Negative / Absent Positive / Present

Presumptive Quality Control

Method Quantitation Limit

Practical Quantitation Limit

Relative Error Ratio (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Reporting Limit or Requested Limit (Radiochemistry)

Relative Percent Difference, a measure of the relative difference between two points

Limit of Quantitation (DoD/DOE)

Decision Level Concentration (Radiochemistry)

EPA recommended "Maximum Contaminant Level"

Minimum Detectable Concentration (Radiochemistry)

Not Detected at the reporting limit (or MDL or EDL if shown)

Minimum Detectable Activity (Radiochemistry)

DL

DLC

EDL

LOD

LOQ

MCL

MDA

MDC

MDL

ML MPN

MQL

NC

ND

NEG

POS

PQL PRES

QC RER

RL

RPD

TEF TEQ

TNTC

DL, RA, RE, IN

	Definitions/Glossary	
	Environmental & Safety SolutionsJob ID: 880-38945-1Neff 13 CTB Illegal DumpSDG: 16740	2
Qualifiers		3
GC VOA Qualifier	Qualifier Description	
*+	LCS and/or LCSD is outside acceptance limits, high biased.	
S1+	Surrogate recovery exceeds control limits, high biased.	4
U	Indicates the analyte was analyzed for but not detected.	
GC Semi VOA	Α	
Qualifier	Qualifier Description	
S1-	Surrogate recovery exceeds control limits, low biased.	
S1+	Surrogate recovery exceeds control limits, high biased.	
U	Indicates the analyte was analyzed for but not detected.	8
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	

Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

**Eurofins Midland** 

### **Case Narrative**

Client: Etech Environmental & Safety Solutions Project: Neff 13 CTB Illegal Dump Job ID: 880-38945-1

## 1 2 3 4 5 6 7 8 9 10 11 12 13

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Job ID: 880-38945-1

### **Eurofins Midland**

#### Job Narrative 880-38945-1

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 2/5/2024 4:34 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 3.2°C

#### Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: Floor Sample 1 (880-38945-1), Floor Sample 2 (880-38945-2), North Sidewall (880-38945-3), East Sidewall (880-38945-4), South Sidewall (880-38945-5) and West Sidewall (880-38945-6).

#### GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: (LCS 880-73182/1-A). Evidence of matrix interferences is not obvious.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-73182 and analytical batch 880-73209 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

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

#### GC Semi VOA

Method 8015MOD\_NM: The surrogate recovery for the blank associated with preparation batch 880-72497 and analytical batch 880-72812 was outside the upper control limits.

Method 8015MOD\_NM: Surrogate recovery for the following samples were outside control limits: Floor Sample 1 (880-38945-1), Floor Sample 2 (880-38945-2), (880-38945-A-1-C MS) and (880-38945-A-1-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

#### HPLC/IC

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

### **Client Sample Results**

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Job ID: 880-38945-1 SDG: 16740

### **Client Sample ID: Floor Sample 1** Date Collected: 02/05/24 09:51

Client: Etech Environmental & Safety Solutions

Date Received: 02/05/24 16:34

Lab Sample ID: 880-38945-1 Matrix: Solid

Sample Depth: 24"

Project/Site: Neff 13 CTB Illegal Dump

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
enzene	<0.00198	U	0.00198		mg/Kg		02/14/24 15:51	02/16/24 01:01	
oluene	<0.00198	U	0.00198		mg/Kg		02/14/24 15:51	02/16/24 01:01	
thylbenzene	<0.00198	U *+	0.00198		mg/Kg		02/14/24 15:51	02/16/24 01:01	
n-Xylene & p-Xylene	<0.00396	U *+	0.00396		mg/Kg		02/14/24 15:51	02/16/24 01:01	
-Xylene	<0.00198	U *+	0.00198		mg/Kg		02/14/24 15:51	02/16/24 01:01	
ylenes, Total	<0.00396	U *+	0.00396		mg/Kg		02/14/24 15:51	02/16/24 01:01	
urrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil F
-Bromofluorobenzene (Surr)	117		70 - 130				02/14/24 15:51	02/16/24 01:01	
,4-Difluorobenzene (Surr)	95		70 - 130				02/14/24 15:51	02/16/24 01:01	
Nethod: TAL SOP Total BTEX - To	otal BTEX Calo	culation							
nalyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
otal BTEX	<0.00396	U	0.00396		mg/Kg			02/16/24 01:01	
lethod: SW846 8015 NM - Diese	Range Organ	ics (DRO) (	GC)						
nalyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
otal TPH	<49.6	U	49.6		mg/Kg	_		02/11/24 10:21	
/lethod: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
Gasoline Range Organics GRO)-C6-C10	<49.6		49.6		mg/Kg		02/06/24 12:29	02/11/24 10:21	
viesel Range Organics (Over 10-C28)	<49.6	U	49.6		mg/Kg		02/06/24 12:29	02/11/24 10:21	
III Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/06/24 12:29	02/11/24 10:21	
urrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil F
-Chlorooctane	77		70 - 130				02/06/24 12:29	02/11/24 10:21	
-Terphenyl	60	S1-	70 - 130				02/06/24 12:29	02/11/24 10:21	
lethod: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solub	le						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	98.5		4.97		mg/Kg			02/08/24 16:01	
lient Sample ID: Floor Sam	ple 2						Lab Sam	ple ID: 880-3	8945-
ate Collected: 02/05/24 09:53								Matri	ix: Soli
ate Received: 02/05/24 16:34									
ample Depth: 24"									
lethod: SW846 8021B - Volatile	Organic Comp	ounds (GC	)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
enzene	<0.00202	U	0.00202		mg/Kg		02/14/24 15:51	02/16/24 01:22	
oluene	<0.00202	U	0.00202		mg/Kg		02/14/24 15:51	02/16/24 01:22	
thulbanzana	< 0.00202	11 *+	0.00202		mg/Kg		02/14/24 15:51	02/16/24 01:22	
unyidenzene	~0.00202						02/11/2110:01		
	<0.00202		0.00403		mg/Kg		02/14/24 15:51	02/16/24 01:22	
Ethylbenzene n-Xylene & p-Xylene p-Xylene		U *+							

Xylenes, Total <0.00403 U\*+ 0.00403 02/14/24 15:51 02/16/24 01:22 mg/Kg Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 112 70 - 130 02/14/24 15:51 02/16/24 01:22

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### Released to Imaging: 11/18/2024 11:26:04 AM

1

Project/Site: Neff 13 CTB Illegal Dump

Job ID: 880-38945-1 SDG: 16740

Lab Sample ID: 880-38945-2

### **Client Sample ID: Floor Sample 2** Date Collected: 02/05/24 09:53

Client: Etech Environmental & Safety Solutions

Date Received: 02/05/24 16:34

Sample	Depth:	24"	

#### Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued) %Recovery Qualifier Limits Prepared Surrogate Analyzed 70 - 130 02/14/24 15:51 1,4-Difluorobenzene (Surr) 95 02/16/24 01:22 Method: TAL SOP Total BTEX - Total BTEX Calculation Analyte Result Qualifier RL MDL Unit D Analyzed Prepared Total BTEX < 0.00403 Ū 0.00403 02/16/24 01:22 mg/Kg Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Total TPH <50.5 U 50.5 02/11/24 11:27 mg/Kg Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) MDL Unit Analyte **Result Qualifier** RL D Prepared Analyzed <50.5 U mg/Kg 02/06/24 12:29 Gasoline Range Organics 50.5 02/11/24 11:27 (GRO)-C6-C10 <50.5 U 50.5 02/06/24 12:29 02/11/24 11:27 **Diesel Range Organics (Over** mg/Kg C10-C28) Oll Range Organics (Over C28-C36) <50.5 U 50.5 mg/Kg 02/06/24 12:29 02/11/24 11:27 Surrogate %Recovery Qualifier Limits Prepared Analyzed 1-Chlorooctane 73 70 - 130 02/06/24 12:29 02/11/24 11:27 59 S1-70 - 130 02/06/24 12:29 02/11/24 11:27 o-Terphenyl Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Analyte **Result Qualifier** RL MDL Unit D Prepared Analyzed 4.99 02/08/24 16:08 Chloride 66.7 mg/Kg

#### **Client Sample ID: North Sidewall**

Date Collected: 02/05/24 09:54 Date Received: 02/05/24 16:34 Sample Depth: 0-12"

#### Method: SW846 8021B - Volatile Organic Compounds (GC) Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Benzene <0.00200 U 0.00200 mg/Kg 02/14/24 15:51 02/16/24 02:45 Toluene <0.00200 U 0.00200 02/14/24 15:51 02/16/24 02:45 mg/Kg 1 Ethylbenzene <0.00200 U\*+ 0.00200 02/14/24 15:51 02/16/24 02:45 mg/Kg 0.00401 02/14/24 15:51 02/16/24 02:45 m-Xylene & p-Xylene <0.00401 U\*+ mg/Kg o-Xylene <0.00200 U\*+ 0.00200 mg/Kg 02/14/24 15:51 02/16/24 02:45 Xylenes, Total <0.00401 U\*+ 0.00401 mg/Kg 02/14/24 15:51 02/16/24 02:45 1 %Recovery Limits Surrogate Qualifier Prepared Analvzed Dil Fac 70 - 13002/14/24 15:51 4-Bromofluorobenzene (Surr) 114 02/16/24 02:45 1 1,4-Difluorobenzene (Surr) 93 70 - 130 02/14/24 15:51 02/16/24 02:45 1 Method: TAL SOP Total BTEX - Total BTEX Calculation Analvte Result Qualifier MDL D RL Unit Prepared Analyzed Dil Fac Total BTEX <0.00401 Ū 02/16/24 02:45 0.00401 mg/Kg Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac <49.9 U Total TPH 49.9 02/11/24 11:49 mg/Kg 1

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Matrix: Solid

Dil Fac

Dil Fac

Dil Fac

Dil Fac

Dil Fac

Dil Fac

Matrix: Solid

Lab Sample ID: 880-38945-3

1

1

5

### Released to Imaging: 11/18/2024 11:26:04 AM

### **Client Sample Results**

Job ID: 880-38945-1 SDG: 16740

Matrix: Solid

Lab Sample ID: 880-38945-3

Lab Sample ID: 880-38945-4

Matrix: Solid

### Client Sample ID: North Sidewall Date Collected: 02/05/24 09:54

Project/Site: Neff 13 CTB Illegal Dump

Client: Etech Environmental & Safety Solutions

Date Received: 02/05/24 16:34

Sample	Depth:	0-12"	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/06/24 12:29	02/11/24 11:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/06/24 12:29	02/11/24 11:49	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/06/24 12:29	02/11/24 11:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane			70 - 130				02/06/24 12:29	02/11/24 11:49	1
o-Terphenyl	86		70 - 130				02/06/24 12:29	02/11/24 11:49	1

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	184		5.02		mg/Kg			02/08/24 16:14	1

#### **Client Sample ID: East Sidewall**

Date Collected: 02/05/24 09:56

#### Date Received: 02/05/24 16:34

Sample Depth: 0-12"

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/14/24 15:51	02/16/24 03:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/14/24 15:51	02/16/24 03:05	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		02/14/24 15:51	02/16/24 03:05	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		02/14/24 15:51	02/16/24 03:05	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		02/14/24 15:51	02/16/24 03:05	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		02/14/24 15:51	02/16/24 03:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				02/14/24 15:51	02/16/24 03:05	1
1,4-Difluorobenzene (Surr)	99		70 - 130				02/14/24 15:51	02/16/24 03:05	1
		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte Total BTEX	<b>Result</b> <0.00398	Qualifier U	0.00398	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 02/16/24 03:05	Dil Fac
Analyte Total BTEX Method: SW846 8015 NM - Dies	el Range Organ	Qualifier U	0.00398	MDL	mg/Kg	<u>D</u> 	Prepared		Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte Total TPH	el Range Organ	Qualifier U ics (DRO) ( Qualifier	0.00398		mg/Kg		<u>·</u>	02/16/24 03:05	1
Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte	el Range Organ Result 49.7	Qualifier U ics (DRO) ( Qualifier U	0.00398 GC) RL 49.7		mg/Kg Unit		<u>·</u>	02/16/24 03:05 Analyzed	1
Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte Total TPH	el Range Organ Result 49.7 Result 49.7 Sel Range Orga	Qualifier U ics (DRO) ( Qualifier U	0.00398 GC) RL 49.7		mg/Kg Unit mg/Kg		<u>·</u>	02/16/24 03:05 Analyzed	1
Analyte Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics	el Range Organ Result 49.7 Result 49.7 Sel Range Orga	Qualifier U ics (DRO) ( Qualifier U nics (DRO) Qualifier	0.00398 GC) <u>RL</u> 49.7 (GC)	MDL	mg/Kg Unit mg/Kg	D	Prepared	02/16/24 03:05 Analyzed 02/11/24 12:12	1 Dil Fac
Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte Total TPH Method: SW846 8015B NM - Die	el Range Organ Result <0.00398 el Range Organ <pre></pre>	Qualifier U ics (DRO) ( Qualifier U unics (DRO) Qualifier U	0.00398 GC) RL 49.7 (GC) RL	MDL	mg/Kg Unit mg/Kg Unit	D	Prepared	02/16/24 03:05 Analyzed 02/11/24 12:12 Analyzed	1 Dil Fac

#### Dil Fac %Recovery Qualifier Limits Prepared Analyzed Surrogate 1-Chlorooctane 02/06/24 12:29 70 - 130 02/11/24 12:12 107 1 o-Terphenyl 90 70 - 130 02/06/24 12:29 02/11/24 12:12 1

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		Clien	nt Sample R	esults	;				
Client: Etech Environmental & Sa Project/Site: Neff 13 CTB Illegal I	•							Job ID: 880-3 SDG	38945-1 6: 16740
Client Sample ID: East Sid	ewall						Lab Sam	ple ID: 880-3	8945-4
Date Collected: 02/05/24 09:56 Date Received: 02/05/24 16:34								•	x: Solid
Sample Depth: 0-12"									
Method: EPA 300.0 - Anions, Ic Analyte		hy - Solub Qualifier	le RL	MDI	Unit	D	Propared	Analyzod	Dil Fac
Chloride	<u>Result</u>	Quaimer	5.04	MDL	mg/Kg		Prepared	Analyzed 02/08/24 16:21	1
_									
Client Sample ID: South Si	dewall						Lab Sam	ple ID: 880-3	
Date Collected: 02/05/24 09:58 Date Received: 02/05/24 16:34 Sample Depth: 0-12"								Matri	x: Solid
Method: SW846 8021B - Volati	le Organic Comp	ounds (GC	)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/14/24 15:51	02/16/24 03:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/14/24 15:51	02/16/24 03:26	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		02/14/24 15:51	02/16/24 03:26	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		02/14/24 15:51	02/16/24 03:26	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		02/14/24 15:51	02/16/24 03:26	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		02/14/24 15:51	02/16/24 03:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				02/14/24 15:51	02/16/24 03:26	1
1,4-Difluorobenzene (Surr)	95		70 - 130				02/14/24 15:51	02/16/24 03:26	1
Method: TAL SOP Total BTEX	- Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/16/24 03:26	1
- Method: SW846 8015 NM - Die	sel Range Organ	ics (DRO) (	GC)						
Analyte		Qualifier	, RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1110		50.0		mg/Kg			02/11/24 12:33	1
_ Method: SW846 8015B NM - Di	esel Range Orga	nics (DRO)	(60)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0		50.0		mg/Kg		02/06/24 12:29	02/11/24 12:33	1
(GRO)-C6-C10 Diesel Range Organics (Over	1110		50.0		mg/Kg		02/06/24 12:29	02/11/24 12:33	1
C10-C28) Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/06/24 12:29	02/11/24 12:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane			70 - 130				02/06/24 12:29	02/11/24 12:33	1
o-Terphenyl	89		70 - 130				02/06/24 12:29	02/11/24 12:33	1
_ Method: EPA 300.0 - Anions, Io	on Chromatograp	hy - Solub	le						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

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RL

MDL Unit

D

Prepared

Job ID: 880-38945-1 SDG: 16740

### **Client Sample ID: West Sidewall** D

Project/Site: Neff 13 CTB Illegal Dump

Client: Etech Environmental & Safety Solutions

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

Result Qualifier

D Sample Depth: 0-12"

Analyte

Lab Sample ID: 880-38945-6 Matrix: Solid

Analyzed

5

Dil Fac

Analyzed 02/16/24 03:47	Dil Fac	11 12
Analyzed	Dil Fac	13
02/11/24 12:56	1	14

Date	Collected:	02/05/24	10:00
Date	Received:	02/05/24	16:34

		Quanner			Unit	-	Fiepareu	Analyzeu	Dirrac
Benzene	<0.00200	U	0.00200		mg/Kg		02/14/24 15:51	02/16/24 03:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/14/24 15:51	02/16/24 03:47	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		02/14/24 15:51	02/16/24 03:47	1
m-Xylene & p-Xylene	<0.00400	U *+	0.00400		mg/Kg		02/14/24 15:51	02/16/24 03:47	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		02/14/24 15:51	02/16/24 03:47	1
Xylenes, Total	<0.00400	U *+	0.00400		mg/Kg		02/14/24 15:51	02/16/24 03:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				02/14/24 15:51	02/16/24 03:47	1
1,4-Difluorobenzene (Surr)	95		70 - 130				02/14/24 15:51	02/16/24 03:47	1
- Method: TAL SOP Total BTEX - To	otal BTEX Calo	ulation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/16/24 03:47	1
_									
Method: SW846 8015 NM - Diesel	Range Organ	ics (DRO) (0	GC)						
Method: SW846 8015 NM - Diesel Analyte		Qualifier	GC) 	MDL	Unit	D	Prepared	Analyzed	Dil Fac
		Qualifier		MDL	Unit mg/Kg	<u> </u>	Prepared	Analyzed 02/11/24 12:56	Dil Fac
Analyte Total TPH	Result <50.3	Qualifier U	<b>RL</b> 50.3	MDL		<u>D</u>	Prepared		
Analyte	Result <50.3	Qualifier U	<b>RL</b> 50.3			<u>D</u> 	Prepared		
Analyte Total TPH Method: SW846 8015B NM - Diese	Result <50.3	Qualifier U nics (DRO) Qualifier	RL 50.3		mg/Kg			02/11/24 12:56	1
Analyte Total TPH Method: SW846 8015B NM - Diese Analyte	Result <50.3 el Range Orga Result	Qualifier U nics (DRO) Qualifier	(GC)		mg/Kg Unit		Prepared	02/11/24 12:56 Analyzed	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <50.3 el Range Orga Result	Qualifier U nics (DRO) Qualifier U	(GC)		mg/Kg Unit		Prepared	02/11/24 12:56 Analyzed	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result           <50.3	Qualifier U nics (DRO) Qualifier U U	RL       50.3       (GC)       RL       50.3       50.3		mg/Kg Unit mg/Kg mg/Kg		Prepared 02/06/24 12:29 02/06/24 12:29	02/11/24 12:56 Analyzed 02/11/24 12:56 02/11/24 12:56	1 Dil Fac 1
Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <50.3 el Range Orga Result <50.3	Qualifier U nics (DRO) Qualifier U U	(GC) <u>RL</u> 50.3 <u>RL</u> 50.3		mg/Kg Unit mg/Kg		Prepared 02/06/24 12:29	02/11/24 12:56 Analyzed 02/11/24 12:56	1 Dil Fac 1
Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result           <50.3	Qualifier U nics (DRO) Qualifier U U U	RL       50.3       (GC)       RL       50.3       50.3		mg/Kg Unit mg/Kg mg/Kg		Prepared 02/06/24 12:29 02/06/24 12:29	02/11/24 12:56 Analyzed 02/11/24 12:56 02/11/24 12:56	1 Dil Fac 1
Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result           <50.3	Qualifier U nics (DRO) Qualifier U U U	RL       50.3       (GC)       RL       50.3       50.3       50.3		mg/Kg Unit mg/Kg mg/Kg		Prepared 02/06/24 12:29 02/06/24 12:29 02/06/24 12:29	02/11/24 12:56 Analyzed 02/11/24 12:56 02/11/24 12:56 02/11/24 12:56	1 Dil Fac 1 1 1
Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result           <50.3	Qualifier U nics (DRO) Qualifier U U U	RL           50.3           (GC)           RL           50.3           50.3           50.3           50.3           Limits		mg/Kg Unit mg/Kg mg/Kg		Prepared 02/06/24 12:29 02/06/24 12:29 02/06/24 12:29 Prepared	02/11/24 12:56 Analyzed 02/11/24 12:56 02/11/24 12:56 02/11/24 12:56 Analyzed	1 Dil Fac 1 1 1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result            <50.3	Qualifier U nics (DRO) Qualifier U U U Qualifier S1-	RL           50.3           (GC)           RL           50.3           50.3           50.3           50.3           70.130           70.130           70.130		mg/Kg Unit mg/Kg mg/Kg		Prepared 02/06/24 12:29 02/06/24 12:29 02/06/24 12:29 Prepared 02/06/24 12:29	02/11/24 12:56 Analyzed 02/11/24 12:56 02/11/24 12:56 02/11/24 12:56 Analyzed 02/11/24 12:56	1 Dil Fac 1 1 1 1 <i>Dil Fac</i> 1
Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result           <50.3	Qualifier U nics (DRO) Qualifier U U U Qualifier S1-	RL           50.3           (GC)           RL           50.3           50.3           50.3           50.3           70.130           70.130           70.130	MDL	mg/Kg Unit mg/Kg mg/Kg		Prepared 02/06/24 12:29 02/06/24 12:29 02/06/24 12:29 Prepared 02/06/24 12:29	02/11/24 12:56 Analyzed 02/11/24 12:56 02/11/24 12:56 02/11/24 12:56 Analyzed 02/11/24 12:56	1 Dil Fac 1 1 1 1 <i>Dil Fac</i> 1

Client: Etech Environmental & Safety Solutions Project/Site: Neff 13 CTB Illegal Dump

### Method: 8021B - Volatile Organic Compounds (GC) Matrix: Solid

				Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-38945-1	Floor Sample 1	117	95	
880-38945-2	Floor Sample 2	112	95	
880-38945-3	North Sidewall	114	93	
880-38945-4	East Sidewall	123	99	
880-38945-5	South Sidewall	114	95	
880-38945-6	West Sidewall	117	95	
880-39021-A-1-D MS	Matrix Spike	112	91	
880-39021-A-1-E MSD	Matrix Spike Duplicate	104	91	
LCS 880-73182/1-A	Lab Control Sample	152 S1+	99	
LCSD 880-73182/2-A	Lab Control Sample Dup	114	94	
MB 880-73182/5-A	Method Blank	79	92	
	Method Blank	82	94	

DFBZ = 1,4-Difluorobenzene (Surr)

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

#### Matrix: Solid

		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-38945-1	Floor Sample 1	77	60 S1-
880-38945-1 MS	Floor Sample 1	95	66 S1-
880-38945-1 MSD	Floor Sample 1	96	67 S1-
880-38945-2	Floor Sample 2	73	59 S1-
880-38945-3	North Sidewall	104	86
880-38945-4	East Sidewall	107	90
880-38945-5	South Sidewall	110	89
880-38945-6	West Sidewall	85	67 S1-
LCS 880-72497/2-A	Lab Control Sample	110	106
LCSD 880-72497/3-A	Lab Control Sample Dup	113	113
MB 880-72497/1-A	Method Blank	191 S1+	167 S1+

#### Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Prep Type: Total/NA

Prep Type: Total/NA

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Client: Etech Environmental & Safety Solutions Project/Site: Neff 13 CTB Illegal Dump

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

Lab Sample ID: MB 880-73182/5-A Matrix: Solid							Client Sample ID: Method Blank Prep Type: Total/NA					
Analysis Batch: 73209	МВ	МВ					Prep Batch: 73182					
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac			
Benzene	<0.00200	U	0.00200		mg/Kg		02/14/24 15:51	02/15/24 21:55	1			
Toluene	<0.00200	U	0.00200		mg/Kg		02/14/24 15:51	02/15/24 21:55	1			
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/14/24 15:51	02/15/24 21:55	1	7		
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/14/24 15:51	02/15/24 21:55	1	-		
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/14/24 15:51	02/15/24 21:55	1	8		
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/14/24 15:51	02/15/24 21:55	1			
	МВ	МВ								9		
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	79		70 - 130				02/14/24 15:51	02/15/24 21:55	1			
1,4-Difluorobenzene (Surr)	92		70 - 130				02/14/24 15:51	02/15/24 21:55	1			
<u> </u>												

#### Lab Sample ID: LCS 880-73182/1-A Matrix: Solid

#### Analysis Batch: 73209

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.08103		mg/Kg		81	70 - 130	
Toluene	0.100	0.1170		mg/Kg		117	70 - 130	
Ethylbenzene	0.100	0.1346	*+	mg/Kg		135	70 - 130	
m-Xylene & p-Xylene	0.200	0.3013	*+	mg/Kg		151	70 - 130	
o-Xylene	0.100	0.1527	*+	mg/Kg		153	70 - 130	

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	152	S1+	70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

### Lab Sample ID: LCSD 880-73182/2-A

### Matrix: Solid

Analysis Batch: 73209							Prep Batch: 7318				
	Spike	LCSD	LCSD				%Rec		RPD		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit		
Benzene	0.100	0.1006		mg/Kg		101	70 - 130	22	35		
Toluene	0.100	0.1125		mg/Kg		112	70 - 130	4	35		
Ethylbenzene	0.100	0.1051		mg/Kg		105	70 - 130	25	35		
m-Xylene & p-Xylene	0.200	0.2118		mg/Kg		106	70 - 130	35	35		
o-Xylene	0.100	0.1074		mg/Kg		107	70 - 130	35	35		

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

### Lab Sample ID: 880-39021-A-1-D MS

#### Matrix: Solid \_\_\_\_

Analysis Batch: 73209									Prep	p Batch: 73	3182
	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	<0.00199	U	0.100	0.08878		mg/Kg		89	70 - 130		
Toluene	<0.00199	U	0.100	0.1029		mg/Kg		103	70 - 130		

**Eurofins Midland** 

Prep Type: Total/NA

**Client Sample ID: Matrix Spike** 

**Client Sample ID: Lab Control Sample** 

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Type: Total/NA

Prep Batch: 73182

2/16/2024

Client: Etech Environmental & Safety Solutions Project/Site: Neff 13 CTB Illegal Dump Job ID: 880-38945-1 SDG: 16740

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

Lab Sample ID: 880-39021-A	A-1-D MS									Client	Sample ID:		-
Matrix: Solid											Prep T		
Analysis Batch: 73209											Prep	Batch:	7318
	Sample	Sam	ple	Spike	MS	MS					%Rec		
Analyte	Result	-	ifier	Added	Result	Qual	ifier	Unit		D %Rec	Limits		
Ethylbenzene	<0.00199	U *+		0.100	0.08845		I	mg/Kg		88	70 - 130		
n-Xylene & p-Xylene	<0.00398	U *+		0.200	0.1760		I	mg/Kg		88	70 - 130		
o-Xylene	<0.00199	U *+		0.100	0.08900		I	mg/Kg		88	70 - 130		
	MS	MS											
Surrogate	%Recovery	Qua	ifier	Limits									
4-Bromofluorobenzene (Surr)	112			70 - 130									
1,4-Difluorobenzene (Surr)	91			70 - 130									
_ab Sample ID: 880-39021-4	A-1-E MSD							C	Client	Sample ID	: Matrix Sp	ike Duj	plicat
Matrix: Solid											Prep T	ype: To	otal/N
Analysis Batch: 73209											Prep	Batch:	7318
	Sample	Sam	ple	Spike	MSD	MSD					%Rec		RP
Analyte	Result	Qual	ifier	Added	Result	Qual	ifier	Unit		D %Rec	Limits	RPD	Lim
Benzene	<0.00199	U		0.101	0.09278		I	mg/Kg		92	70 - 130	4	3
oluene	<0.00199	U		0.101	0.09911		I	mg/Kg		99	70 - 130	4	3
Ethylbenzene	<0.00199	U *+		0.101	0.08366		I	mg/Kg		83	70 - 130	6	3
n-Xylene & p-Xylene	<0.00398	U *+		0.201	0.1648			mg/Kg		82	70 - 130	7	3
o-Xylene	<0.00199	U *+		0.101	0.08308		I	mg/Kg		82	70 - 130	7	3
	MSD	MSD	1										
Surrogate	%Recovery	Qua	ifier	Limits									
4-Bromofluorobenzene (Surr)	104			70 - 130									
1,4-Difluorobenzene (Surr)	91			70 - 130									
_ab Sample ID: MB 880-732	22/5-A									Client S	ample ID: N		
Matrix: Solid											Prep T		
Analysis Batch: 73209											Prep	Batch:	7322
		МΒ	MB										
Analyte			Qualifier	RL		MDL	Unit		D	Prepared	Analyze	ed	Dil Fa
lenzene	<0.00	0200	U	0.00200			mg/Kg		0	2/15/24 08:59	02/15/24 1		
oluene	<0.00	0200	U	0.00200			mg/Kg			2/15/24 08:59	02/15/24 1		
Ethylbenzene	<0.00	0200	U	0.00200			mg/Kg		0	2/15/24 08:59	02/15/24 1	1:17	
n-Xylene & p-Xylene	<0.00	0400	U	0.00400			mg/Kg		0	2/15/24 08:59	02/15/24 1	1:17	
o-Xylene	<0.00	0200	U	0.00200			mg/Kg		0	2/15/24 08:59	02/15/24 1	1:17	
Kylenes, Total	<0.00	0400	U	0.00400			mg/Kg		0	2/15/24 08:59	02/15/24 1	1:17	
		MB											
			Qualifier	Limits						Prepared	Analyze	ed	Dil Fa
-	%Reco	-							-		00// - / -		
Surrogate 1-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr)	%Reco	82 94		70 - 130 70 - 130						2/15/24 08:59 2/15/24 08:59			

lethod: 8015B NM - Diesel Range Organics (DRO) (GC)						
Lab Sample ID: MB 880-72497/1-A	Client Sample ID: Method Blank					
Matrix: Solid	Prep Type: Total/NA					
Analysis Batch: 72812	Prep Batch: 72497					
MB MB						

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		02/06/24 12:29	02/11/24 07:47	1
(GRO)-C6-C10									

Eurofins Midland

Client: Etech Environmental & Safety Solutions Project/Site: Neff 13 CTB Illegal Dump

Job ID: 880-38945-1 SDG: 16740

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

Lab Sample ID: MB 880-72497/	1-A									Client Sa	ample ID: N		
Matrix: Solid											Prep T		
Analysis Batch: 72812											Prep	Batch	: 72497
		ВМВ						_	_			-	
Analyte		It Qualifier			MDL	Unit		D		epared	Analyze		Dil Fa
Diesel Range Organics (Over C10-C28)	<50.	0 U	50.0			mg/Kg			02/06	6/24 12:29	02/11/24 0	)/:4/	
Oll Range Organics (Over C28-C36)	<50	0 U	50.0			mg/Kg			02/06	6/24 12:29	02/11/24 0	)7:47	
5 - 5 (						5 5							
	M												
Surrogate	%Recover		Limits					_		repared	Analyz		Dil Fa
1-Chlorooctane	19		70 - 130							5/24 12:29	02/11/24 0		
p-Terphenyl	76	7 S1+	70 - 130						02/06	6/24 12:29	02/11/24 0	)/:4/	
Lab Sample ID: LCS 880-72497	7/2-4							CI	iont	Sample	ID: Lab Co	ontrol S	Sampl
Matrix: Solid								0.	iem	Campie	Prep T		
Analysis Batch: 72812												Batch	
			Spike	LCS	LCS						%Rec		
Analyte			Added	Result		lifier	Unit		D	%Rec	Limits		
Gasoline Range Organics			1000	1015			mg/Kg			102	70 - 130		
(GRO)-C6-C10							0 0						
Diesel Range Organics (Over			1000	951.7			mg/Kg			95	70 - 130		
C10-C28)													
	LCS LC	s											
Surrogate	%Recovery Q	ıalifier	Limits										
			70 - 130										
1-Chlorooctane	110		10 - 130										
-Terphenyl .ab Sample ID: LCSD 880-724	106		70 - 130 70 - 130				Cli	ent S	Sam	ple ID: L	ab Control		
- <i>Terphenyl</i> Lab Sample ID: LCSD 880-7249 Matrix: Solid	106						Cli	ent \$	Sam	ple ID: L	Prep T		otal/N
o- <i>Terphenyl</i> Lab Sample ID: LCSD 880-7249 Matrix: Solid	106			LCSD	LCS	D	Cli	ent (	Sam	ple ID: L	Prep T	ype: To	otal/N/ : 7249
o- <i>Terphenyl</i> Lab Sample ID: LCSD 880-7249 Matrix: Solid Analysis Batch: 72812 Analyte	106		70 - 130 Spike Added	Result			Cli Unit	ent (	Sam	%Rec	Prep T Prep %Rec Limits	ype: To	otal/N/ : 7249 RPI Limi
o- <i>Terphenyl</i> Lab Sample ID: LCSD 880-7249 Matrix: Solid Analysis Batch: 72812 Analyte Gasoline Range Organics	106		70 - 130 Spike					ent \$		-	Prep T Prep %Rec	ype: To Batch	otal/N/ : 7249 RPI Limi
o- <i>Terphenyl</i> Lab Sample ID: LCSD 880-7249 Matrix: Solid Analysis Batch: 72812 Analyte Gasoline Range Organics (GRO)-C6-C10	106		70 - 130 Spike Added 1000	Result 1028			Unit mg/Kg	ent (		%Rec	Prep T Prep %Rec Limits 70 - 130	ype: To Batch: RPD 1	otal/N/ : 7249 RPI 
p- <i>Terphenyl</i> Lab Sample ID: LCSD 880-7249 Matrix: Solid Analysis Batch: 72812 Analyte Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over	106		70 - 130 Spike Added	Result			Unit	ent \$		%Rec	Prep T Prep %Rec Limits	ype: To Batch	otal/N/ : 7249 RPI Lim 2
p- <i>Terphenyl</i> Lab Sample ID: LCSD 880-7249 Matrix: Solid Analysis Batch: 72812 Analyte Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over	106 97/3-A		70 - 130 Spike Added 1000	Result 1028			Unit mg/Kg	ent \$		%Rec	Prep T Prep %Rec Limits 70 - 130	ype: To Batch: RPD 1	otal/N/ : 7249 RPI 
D- <i>Terphenyl</i> Lab Sample ID: LCSD 880-7249 Matrix: Solid Analysis Batch: 72812 Analyte Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	106 97/3-A 		70 - 130 Spike Added 1000	Result 1028			Unit mg/Kg	ent \$		%Rec	Prep T Prep %Rec Limits 70 - 130	ype: To Batch: RPD 1	otal/N/ : 7249 RPI 
p- <i>Terphenyl</i> Lab Sample ID: LCSD 880-7249 Matrix: Solid Analysis Batch: 72812 Analyte Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate	106 97/3-A 	SD	70 - 130 Spike Added 1000 1000 Limits	Result 1028			Unit mg/Kg	ent \$		%Rec	Prep T Prep %Rec Limits 70 - 130	ype: To Batch: RPD 1	otal/N/ : 7249 RPI 
p- <i>Terphenyl</i> Lab Sample ID: LCSD 880-7249 Matrix: Solid Analysis Batch: 72812 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate I-Chlorooctane	106 97/3-A 		70 - 130 Spike Added 1000 1000 Limits 70 - 130	Result 1028			Unit mg/Kg	ent \$		%Rec	Prep T Prep %Rec Limits 70 - 130	ype: To Batch: RPD 1	otal/N/ : 7249 RPI 
o-Terphenyl Lab Sample ID: LCSD 880-7249 Matrix: Solid Analysis Batch: 72812 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane	106 97/3-A 		70 - 130 Spike Added 1000 1000 Limits	Result 1028			Unit mg/Kg	ent \$		%Rec	Prep T Prep %Rec Limits 70 - 130	ype: To Batch: RPD 1	otal/N/ : 7249 RPI 
o-Terphenyl Lab Sample ID: LCSD 880-7245 Matrix: Solid Analysis Batch: 72812 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl	106 97/3-A 		70 - 130 Spike Added 1000 1000 Limits 70 - 130	Result 1028			Unit mg/Kg	ent \$	<u>D</u> .	<b>%Rec</b> 103 99	Prep T           %Rec           Limits           70 - 130           70 - 130	ype: To Batch: RPD 1 4	otal/NA : 7249 RPI Limi 20
D-Terphenyl Lab Sample ID: LCSD 880-7249 Matrix: Solid Analysis Batch: 72812 Analyte Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane D-Terphenyl Lab Sample ID: 880-38945-1 M	106 97/3-A 		70 - 130 Spike Added 1000 1000 Limits 70 - 130	Result 1028			Unit mg/Kg	ent \$	<u>D</u> .	<b>%Rec</b> 103 99	Prep T Prep %Rec Limits 70 - 130 70 - 130	ype: To Batch: RPD 1 4	otal/NA : 7249 RPI Limi 2 2
De-Terphenyl Lab Sample ID: LCSD 880-7249 Matrix: Solid Analysis Batch: 72812 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane De-Terphenyl Lab Sample ID: 880-38945-1 MS Matrix: Solid	106 97/3-A 		70 - 130 Spike Added 1000 1000 Limits 70 - 130	Result 1028			Unit mg/Kg	ent \$	<u>D</u> .	<b>%Rec</b> 103 99	Prep T           %Rec           Limits           70 - 130           70 - 130	ype: To Batch: RPD 1 4	otal/NA : 7249 RPI Limi 2 2 2 mple - otal/NA
D-Terphenyl Lab Sample ID: LCSD 880-7249 Matrix: Solid Analysis Batch: 72812 Analyte Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane D-Terphenyl Lab Sample ID: 880-38945-1 M3 Matrix: Solid	106 97/3-A 	ialifier _	70 - 130 Spike Added 1000 1000 Limits 70 - 130	Result 1028	Qual		Unit mg/Kg	ent \$	<u>D</u> .	<b>%Rec</b> 103 99	Prep T           %Rec           Limits           70 - 130           70 - 130	ype: To Batch: 1 4 oor Sa ype: To	otal/NA : 72497 RPr Limi 20 20 20
D-Terphenyl Lab Sample ID: LCSD 880-7249 Matrix: Solid Analysis Batch: 72812 Analyte Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane D-Terphenyl Lab Sample ID: 880-38945-1 M3 Matrix: Solid Analysis Batch: 72812	106 97/3-A <u>LCSD LC</u> <u>%Recovery Qu</u> 113 113 S	mple	70 - 130 Spike Added 1000 1000 Limits 70 - 130 70 - 130	Result 1028 992.5	Qual	lifier	Unit mg/Kg	ent \$	<u>D</u> .	<b>%Rec</b> 103 99	Prep T Prep %Rec Limits 70 - 130 70 - 130 70 - 130	ype: To Batch: 1 4 oor Sa ype: To	otal/NA : 7249 RPI Limi 2 2 2 mple - otal/NA
De-Terphenyl Lab Sample ID: LCSD 880-7249 Matrix: Solid Analysis Batch: 72812 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane De-Terphenyl Lab Sample ID: 880-38945-1 M9 Matrix: Solid Analysis Batch: 72812 Analyte Gasoline Range Organics	106 97/3-A <u>LCSD LC</u> <u>%Recovery Qu</u> 113 113 S Sample Sa	mple	70 - 130  Spike Added 1000 1000  Limits 70 - 130 70 - 130 70 - 130 Spike	Result 1028 992.5 MS	Qual	lifier	Unit mg/Kg mg/Kg	ent \$	D C	%Rec           103           99           lient San	Prep T Prep %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 190 Frep T Prep T Prep T %Rec	ype: To Batch: 1 4 oor Sa ype: To	otal/NJ : 7249 RPI Lim 2 2 2
b-Terphenyl Lab Sample ID: LCSD 880-7249 Matrix: Solid Analysis Batch: 72812 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane b-Terphenyl Lab Sample ID: 880-38945-1 M3 Matrix: Solid Analysis Batch: 72812 Analyte Gasoline Range Organics (GRO)-C6-C10	106 97/3-A 	mple	70 - 130         Spike         Added         1000         1000         1000         1000         5pike         Added         1000         1000         1000         4000         1000         1000	Result           1028           992.5           MS           Result           1195	Qual	lifier	Unit mg/Kg mg/Kg <u>Unit</u> mg/Kg	ent \$	D C	%Rec           103           99           lient San           %Rec           117	Prep T           %Rec           Limits           70 - 130           70 - 130           70 - 130           %Rec           Limits           %Rec           Use           %Rec           Limits           70 - 130	ype: To Batch: 1 4 oor Sa ype: To	otal/NJ : 7249 RPI Lim 2 2 2
D-Terphenyl Lab Sample ID: LCSD 880-7249 Matrix: Solid Analysis Batch: 72812 Analyte Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate D-Chlorooctane D-Terphenyl Lab Sample ID: 880-38945-1 MS Matrix: Solid Analysis Batch: 72812 Analyte Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics GRO)-C6-C10 Diesel Range Organics (Over	106 97/3-A 	mple	70 - 130         Spike         Added         1000         1000         1000         1000         1000         1000         5pike         Added         Added	Result 1028 992.5 MS Result	Qual	lifier	Unit mg/Kg mg/Kg	ent \$	D C	<u>%Rec</u> 103 99 lient San	Prep T Prep %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130	ype: To Batch: 1 4 oor Sa ype: To	otal/NJ : 7249 RPI Lim 2 2 2 mple otal/NJ
D-Terphenyl Lab Sample ID: LCSD 880-7249 Matrix: Solid Analysis Batch: 72812 Analyte Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate D-Chlorooctane D-Terphenyl Lab Sample ID: 880-38945-1 MS Matrix: Solid Analysis Batch: 72812 Analyte Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics GRO)-C6-C10 Diesel Range Organics (Over	106 97/3-A 	mple	70 - 130         Spike         Added         1000         1000         1000         1000         5pike         Added         1000         1000         1000         4000         1000         1000	Result           1028           992.5           MS           Result           1195	Qual	lifier	Unit mg/Kg mg/Kg <u>Unit</u> mg/Kg	ent \$	D C	%Rec           103           99           lient San           %Rec           117	Prep T           %Rec           Limits           70 - 130           70 - 130           70 - 130           %Rec           Limits           %Rec           Use           %Rec           Limits           70 - 130	ype: To Batch: 1 4 oor Sa ype: To	otal/NA : 7249 RPI Limi 2 2 2 mple - otal/NA
De-Terphenyl Lab Sample ID: LCSD 880-7249 Matrix: Solid Analysis Batch: 72812 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane De-Terphenyl Lab Sample ID: 880-38945-1 MS Matrix: Solid Analysis Batch: 72812 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	106 97/3-A 	mple	70 - 130         Spike         Added         1000         1000         1000         1000         5pike         Added         1000         1000         1000         4000         1000         1000	Result           1028           992.5           MS           Result           1195	Qual	lifier	Unit mg/Kg mg/Kg <u>Unit</u> mg/Kg	ent \$	D C	%Rec           103           99           lient San           %Rec           117	Prep T           %Rec           Limits           70 - 130           70 - 130           70 - 130           %Rec           Limits           %Rec           Use           %Rec           Limits           70 - 130	ype: To Batch: 1 4 oor Sa ype: To	otal/NA : 72497 RPr Limi 20 20 20
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-7245 Matrix: Solid Analysis Batch: 72812 Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 880-38945-1 MS Matrix: Solid Analysis Batch: 72812 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate	106 97/3-A <u>در CSD</u> LC <u>%Recovery</u> Qu 113 113 113 5 S Sample Sa Result Qu <49.6 U <49.6 U	mple	70 - 130         Spike         Added         1000         1000         1000         1000         5pike         Added         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000	Result           1028           992.5           MS           Result           1195	Qual	lifier	Unit mg/Kg mg/Kg <u>Unit</u> mg/Kg	ent (	D C	%Rec           103           99           lient San           %Rec           117	Prep T           %Rec           Limits           70 - 130           70 - 130           70 - 130           %Rec           Limits           %Rec           Use           %Rec           Limits           70 - 130	ype: To Batch: 1 4 oor Sa ype: To	otal/NA : 72497 RPI Limi 20 20
b-Terphenyl Lab Sample ID: LCSD 880-7249 Matrix: Solid Analysis Batch: 72812 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane b-Terphenyl Lab Sample ID: 880-38945-1 M3 Matrix: Solid Analysis Batch: 72812 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	106 97/3-A <u>در Sample</u> 49.6 U در 49.6 U <u>۵ אר</u>	mple Ialifier	70 - 130         Spike         Added         1000         1000         1000         1000         5pike         Added         1000         1000         1000         1000         1000         1000         1000         1000	Result           1028           992.5           MS           Result           1195	Qual	lifier	Unit mg/Kg mg/Kg <u>Unit</u> mg/Kg	ent (	D C	%Rec           103           99           lient San           %Rec           117	Prep T           %Rec           Limits           70 - 130           70 - 130           70 - 130           %Rec           Limits           %Rec           Use           %Rec           Limits           70 - 130	ype: To Batch: 1 4 oor Sa ype: To	otal/NA : 72497 RPE Limi 20 20 20

Released to Imaging: 11/18/2024 11:26:04 AM

Client: Etech Environmental & Safety Solutions Project/Site: Neff 13 CTB Illegal Dump

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

	MSD						C	lient Sa	Imple ID: F		
Matrix: Solid										Гуре: То	
Analysis Batch: 72812										Batch:	
		Sample	Spike		MSD		_		%Rec		RPI
Analyte		Qualifier	Added		Qualifier	Unit	D	%Rec	Limits	RPD	Limi
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	1000	1177		mg/Kg		116	70 - 130	1	2
Diesel Range Organics (Over C10-C28)	<49.6	U	1000	994.3		mg/Kg		97	70 - 130	3	2
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	96		70 - 130								
o-Terphenyl	67	S1-	70 - 130								
lethod: 300.0 - Anions, Lab Sample ID: MB 880-724 Matrix: Solid Analysis Batch: 72626		ography						Client S	ample ID: Prep	Method Type: S	
		MB MB									
Analyte	Re	esult Qualifier		RL	MDL Unit		D P	repared	Analyz	zed	Dil Fa
Chloride	<	5.00 U		5.00	mg/K	g			02/08/24	12:31	
ab Comple ID: I CC 000 72/							Client	Sample	D: Lab Co	ontrol S	amn
Lab Sample ID: LCS 880-724 Matrix: Solid Analvsis Batch: 72626	+ <b>5</b> 0/2-A						Chieff	Gample		Type: S	
Matrix: Solid	+30/2-A		Spike	LCS	LCS			Gample			
	+30/ <i>2-</i> A		Spike Added		LCS Qualifier	Unit	D	%Rec	Prep		
Matrix: Solid Analysis Batch: 72626 <sup>Analyte</sup>						Unit mg/Kg			Prep %Rec		
Matrix: Solid Analysis Batch: 72626 Analyte Chloride Lab Sample ID: LCSD 880-7 Matrix: Solid			Added	Result		mg/Kg	<u>D</u>	%Rec 100	Prep %Rec Limits 90 - 110	Type: S	olubi
Matrix: Solid Analysis Batch: 72626 Analyte Chloride Lab Sample ID: LCSD 880-7 Matrix: Solid			Added 250	Result 249.6	Qualifier	mg/Kg	<u>D</u>	%Rec 100	Prep %Rec Limits 90 - 110 Lab Contro Prep	Type: S  ol Sampl	olub le Du olub
Matrix: Solid Analysis Batch: 72626 Analyte Chloride Lab Sample ID: LCSD 880-7 Matrix: Solid Analysis Batch: 72626			Added 250 Spike	Result 249.6 LCSD	Qualifier	mg/Kg Clie	D_ nt Sam	%Rec 100	Prep %Rec Limits 90 - 110 Lab Contro Prep %Rec	Type: S  ol Sampl Type: S	olubi le Du olubi RP
Matrix: Solid Analysis Batch: 72626 Analyte Chloride Lab Sample ID: LCSD 880-7 Matrix: Solid Analysis Batch: 72626 Analyte			Added 250	Result 249.6 LCSD	Qualifier	mg/Kg	<u>D</u>	%Rec 100	Prep %Rec Limits 90 - 110 Lab Contro Prep	Type: S  ol Sampl	olub le Du olub RF Lim
Matrix: Solid Analysis Batch: 72626 Chloride Lab Sample ID: LCSD 880-7: Matrix: Solid Analysis Batch: 72626 Analyte Chloride Lab Sample ID: 880-38945-5 Matrix: Solid	2458/3-A		Added 250 Spike Added	Result 249.6 LCSD Result	Qualifier	mg/Kg Clie Unit	D_ nt Sam D_	%Rec 100 ple ID: %Rec 101	Prep %Rec Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 ample ID: S	Type: S 	olubi le Du olubi RP Lim 2 dewa
Matrix: Solid Analysis Batch: 72626 Chloride Lab Sample ID: LCSD 880-7: Matrix: Solid Analysis Batch: 72626 Analyte Chloride Lab Sample ID: 880-38945-5 Matrix: Solid	2458/3-A		Added 250 Spike Added	Result 249.6 LCSD Result 252.5	Qualifier	mg/Kg Clie Unit	D_ nt Sam D_	%Rec 100 ple ID: %Rec 101	Prep %Rec Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 ample ID: S	Type: S ol Sampl Type: S <u></u> 1 South Sid	olubi le Du olubi RP Lim 2 dewa
Matrix: Solid Analysis Batch: 72626 Chloride Lab Sample ID: LCSD 880-7: Matrix: Solid Analysis Batch: 72626 Analyte Chloride Lab Sample ID: 880-38945-5 Matrix: Solid Analysis Batch: 72626	2458/3-A MS Sample	Sample Qualifier	Added 250 Spike Added 250	Result 249.6 LCSD Result 252.5	Qualifier LCSD Qualifier	mg/Kg Clie Unit	D_ nt Sam D_	%Rec 100 ple ID: %Rec 101	Prep %Rec Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 ample ID: S Prep	Type: S ol Sampl Type: S <u></u> 1 South Sid	olubi le Du olubi RP Lim 2 dewa
Matrix: Solid Analysis Batch: 72626 Analyte Chloride Lab Sample ID: LCSD 880-7: Matrix: Solid Analysis Batch: 72626 Analyte Chloride Lab Sample ID: 880-38945-5 Matrix: Solid Analysis Batch: 72626 Analyte	2458/3-A MS Sample	-	Added 250 Spike Added 250 Spike	Result 249.6 LCSD Result 252.5	Qualifier LCSD Qualifier MS	mg/Kg Clie Unit mg/Kg	D nt Sam D C	%Rec 100 ple ID: 1 %Rec 101 Slient Sa	Prep %Rec Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 ample ID: S Prep %Rec	Type: S ol Sampl Type: S <u></u> 1 South Sid	olub le Du olub RF Lim 2 dewa
Matrix: Solid Analysis Batch: 72626 Analyte Chloride Lab Sample ID: LCSD 880-7: Matrix: Solid Analysis Batch: 72626 Analyte Chloride Lab Sample ID: 880-38945-5 Matrix: Solid Analysis Batch: 72626 Analyte Chloride Lab Sample ID: 880-38945-5 Matrix: Solid	2458/3-A MS 	-	Added 250 Spike Added 250 Spike Added	Result 249.6 LCSD Result 252.5 MS Result	Qualifier LCSD Qualifier MS	mg/Kg Clie Unit mg/Kg	D nt Sam D C	%Rec           100           ple ID:           %Rec           101           Slient Sa           %Rec           103	Prep %Rec Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 ample ID: S %Rec Limits 90 - 110	Type: S DI Sampl Type: S <u> RPD 1 </u> South Sid Type: S	olub le Du olub RP Lim 2 dewa olub
Matrix: Solid Analysis Batch: 72626 Analyte Chloride Lab Sample ID: LCSD 880-7: Matrix: Solid Analysis Batch: 72626 Analyte Chloride Lab Sample ID: 880-38945-5 Matrix: Solid Analysis Batch: 72626 Analyte Chloride Lab Sample ID: 880-38945-5 Matrix: Solid	2458/3-A MS 	Qualifier	Added 250 Spike Added 250 Spike Added 252	Result 249.6 LCSD Result 252.5 MS Result 327.5	Qualifier LCSD Qualifier MS Qualifier	mg/Kg Clie Unit mg/Kg	D nt Sam D C	%Rec           100           ple ID:           %Rec           101           Slient Sa           %Rec           103	Prep %Rec Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 mple ID: S Prep %Rec Limits 90 - 110	Type: S ol Sampl Type: S <u>RPD</u> 1 South Sid Type: S 	olubl e Du olubl RP Lim 2 dewa olubl
Matrix: Solid Analysis Batch: 72626	2458/3-A MS 	Qualifier	Added 250 Spike Added 250 Spike Added	Result 249.6 LCSD Result 252.5 MS Result 327.5	Qualifier LCSD Qualifier MS	mg/Kg Clie Unit mg/Kg	D nt Sam D C	%Rec           100           ple ID:           %Rec           101           Slient Sa           %Rec           103	Prep %Rec Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 ample ID: S %Rec Limits 90 - 110	Type: S ol Sampl Type: S <u>RPD</u> 1 South Sid Type: S 	olubl e Du olubl RP Lim 2 dewa olubl dewa olubl

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### **QC Association Summary**

Client: Etech Environmental & Safety Solutions Project/Site: Neff 13 CTB Illegal Dump

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Job ID: 880-38945-1 SDG: 16740

### **GC VOA**

#### Prep Batch: 73182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38945-1	Floor Sample 1	Total/NA	Solid	5035	
880-38945-2	Floor Sample 2	Total/NA	Solid	5035	
880-38945-3	North Sidewall	Total/NA	Solid	5035	
880-38945-4	East Sidewall	Total/NA	Solid	5035	
880-38945-5	South Sidewall	Total/NA	Solid	5035	
880-38945-6	West Sidewall	Total/NA	Solid	5035	
MB 880-73182/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-73182/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-73182/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-39021-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
880-39021-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

#### Analysis Batch: 73209

MB 880-73182/5-A	Method Blank	Total/NA	Solid	5035		
LCS 880-73182/1-A	Lab Control Sample	Total/NA	Solid	5035		8
LCSD 880-73182/2-A	Lab Control Sample Dup	Total/NA	Solid	5035		
880-39021-A-1-D MS	Matrix Spike	Total/NA	Solid	5035		9
880-39021-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035		
Analysis Batch: 73209						10
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch	44
880-38945-1	Floor Sample 1	Total/NA	Solid	8021B	73182	
880-38945-2	Floor Sample 2	Total/NA	Solid	8021B	73182	12
880-38945-3	North Sidewall	Total/NA	Solid	8021B	73182	
880-38945-4	East Sidewall	Total/NA	Solid	8021B	73182	4.9
880-38945-5	South Sidewall	Total/NA	Solid	8021B	73182	15
880-38945-6	West Sidewall	Total/NA	Solid	8021B	73182	
MB 880-73182/5-A	Method Blank	Total/NA	Solid	8021B	73182	14
MB 880-73222/5-A	Method Blank	Total/NA	Solid	8021B	73222	
LCS 880-73182/1-A	Lab Control Sample	Total/NA	Solid	8021B	73182	
LCSD 880-73182/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	73182	
880-39021-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	73182	
880-39021-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	73182	
<u> </u>						

#### Prep Batch: 73222

Lab Sample ID	Client Sample ID	Prep Туре	Matrix	Method	Prep Batch
MB 880-73222/5-A	Method Blank	Total/NA	Solid	5035	

#### Analysis Batch: 73366

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38945-1	Floor Sample 1	Total/NA	Solid	Total BTEX	
880-38945-2	Floor Sample 2	Total/NA	Solid	Total BTEX	
880-38945-3	North Sidewall	Total/NA	Solid	Total BTEX	
880-38945-4	East Sidewall	Total/NA	Solid	Total BTEX	
880-38945-5	South Sidewall	Total/NA	Solid	Total BTEX	
880-38945-6	West Sidewall	Total/NA	Solid	Total BTEX	

### GC Semi VOA

#### Prep Batch: 72497

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-38945-1	Floor Sample 1	Total/NA	Solid	8015NM Prep	
880-38945-2	Floor Sample 2	Total/NA	Solid	8015NM Prep	
880-38945-3	North Sidewall	Total/NA	Solid	8015NM Prep	
880-38945-4	East Sidewall	Total/NA	Solid	8015NM Prep	
880-38945-5	South Sidewall	Total/NA	Solid	8015NM Prep	
880-38945-6	West Sidewall	Total/NA	Solid	8015NM Prep	
MB 880-72497/1-A	Method Blank	Total/NA	Solid	8015NM Prep	

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### **QC Association Summary**

Client: Etech Environmental & Safety Solutions Project/Site: Neff 13 CTB Illegal Dump

### GC Semi VOA (Continued)

#### Prep Batch: 72497 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-72497/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-72497/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-38945-1 MS	Floor Sample 1	Total/NA	Solid	8015NM Prep	
880-38945-1 MSD	Floor Sample 1	Total/NA	Solid	8015NM Prep	
Analysis Batch: 72812					
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38945-1	Floor Sample 1	Total/NA	Solid	8015B NM	72497
880-38945-2	Floor Sample 2	Total/NA	Solid	8015B NM	72497
880-38945-3	North Sidewall	Total/NA	Solid	8015B NM	72497
880-38945-4	East Sidewall	Total/NA	Solid	8015B NM	72497
880-38945-5	South Sidewall	Total/NA	Solid	8015B NM	72497
880-38945-6	West Sidewall	Total/NA	Solid	8015B NM	72497
MB 880-72497/1-A	Method Blank	Total/NA	Solid	8015B NM	72497
LCS 880-72497/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	72497
LCSD 880-72497/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	72497
880-38945-1 MS	Floor Sample 1	Total/NA	Solid	8015B NM	72497
880-38945-1 MSD	Floor Sample 1	Total/NA	Solid	8015B NM	72497
Analysis Batch: 72964					
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38945-1	Floor Sample 1	Total/NA	Solid	8015 NM	
880-38945-2	Floor Sample 2	Total/NA	Solid	8015 NM	
880-38945-3	North Sidewall	Total/NA	Solid	8015 NM	
880-38945-4	East Sidewall	Total/NA	Solid	8015 NM	
880-38945-5	South Sidewall	Total/NA	Solid	8015 NM	

#### HPLC/IC

880-38945-6

#### Leach Batch: 72458

West Sidewall

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38945-1	Floor Sample 1	Soluble	Solid	DI Leach	
880-38945-2	Floor Sample 2	Soluble	Solid	DI Leach	
880-38945-3	North Sidewall	Soluble	Solid	DI Leach	
880-38945-4	East Sidewall	Soluble	Solid	DI Leach	
880-38945-5	South Sidewall	Soluble	Solid	DI Leach	
880-38945-6	West Sidewall	Soluble	Solid	DI Leach	
MB 880-72458/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-72458/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-72458/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-38945-5 MS	South Sidewall	Soluble	Solid	DI Leach	
880-38945-5 MSD	South Sidewall	Soluble	Solid	DI Leach	

Total/NA

Solid

8015 NM

#### Analysis Batch: 72626

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-38945-1	Floor Sample 1	Soluble	Solid	300.0	72458
880-38945-2	Floor Sample 2	Soluble	Solid	300.0	72458
880-38945-3	North Sidewall	Soluble	Solid	300.0	72458
880-38945-4	East Sidewall	Soluble	Solid	300.0	72458
880-38945-5	South Sidewall	Soluble	Solid	300.0	72458

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Job ID: 880-38945-1 SDG: 16740 Client: Etech Environmental & Safety Solutions Project/Site: Neff 13 CTB Illegal Dump

### HPLC/IC (Continued)

### Analysis Batch: 72626 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38945-6	West Sidewall	Soluble	Solid	300.0	72458
MB 880-72458/1-A	Method Blank	Soluble	Solid	300.0	72458
LCS 880-72458/2-A	Lab Control Sample	Soluble	Solid	300.0	72458
LCSD 880-72458/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	72458
880-38945-5 MS	South Sidewall	Soluble	Solid	300.0	72458
880-38945-5 MSD	South Sidewall	Soluble	Solid	300.0	72458

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Job ID: 880-38945-1 SDG: 16740

Initial

Amount

5.05 g

5 mL

10.09 g

1 uL

5.03 g

Final

Amount

5 mL

5 mL

10 mL

1 uL

50 mL

Batch

73182

73209

73366

72964

72497

72812

72458

72626

Number

Dil

1

1

1

1

1

Factor

Run

Batch

Туре

Prep

Analysis

Analysis

Analysis

Analysis

Analysis

Leach

Prep

Batch

Method

5035

8021B

Total BTEX

8015NM Prep

8015B NM

DI Leach

300.0

8015 NM

### Client Sample ID: Floor Sample 1 Date Collected: 02/05/24 09:51 Date Received: 02/05/24 16:34

Job ID: 880-38945-1 SDG: 16740

## Lab Sample ID: 880-38945-1

Analyst

MNR

MNR

SM

SM

ткс

SM

SMC

СН

Lab Sample ID: 880-38945-2

Lab Sample ID: 880-38945-3

Lab Sample ID: 880-38945-4

Prepared

or Analyzed

02/14/24 15:51

02/16/24 01:01

02/16/24 01:01

02/11/24 10:21

02/06/24 12:29

02/11/24 10:21

02/06/24 10:27

02/08/24 16:01

Matrix: Solid

Lab

EET MID

Matrix: Solid

Matrix: Solid

### Client Sample ID: Floor Sample 2

Date Collected: 02/05/24 09:53 Date Received: 02/05/24 16:34

Prep Type

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Soluble

Soluble

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	73182	02/14/24 15:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	73209	02/16/24 01:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			73366	02/16/24 01:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			72964	02/11/24 11:27	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	72497	02/06/24 12:29	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72812	02/11/24 11:27	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	72458	02/06/24 10:27	SMC	EET MID
Soluble	Analysis	300.0		1			72626	02/08/24 16:08	СН	EET MID

#### Client Sample ID: North Sidewall Date Collected: 02/05/24 09:54

### Date Received: 02/05/24 16:34

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	73182	02/14/24 15:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	73209	02/16/24 02:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			73366	02/16/24 02:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			72964	02/11/24 11:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	72497	02/06/24 12:29	ткс	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72812	02/11/24 11:49	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	72458	02/06/24 10:27	SMC	EET MID
Soluble	Analysis	300.0		1			72626	02/08/24 16:14	СН	EET MID

#### Client Sample ID: East Sidewall Date Collected: 02/05/24 09:56 Date Received: 02/05/24 16:34

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	73182	02/14/24 15:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	73209	02/16/24 03:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			73366	02/16/24 03:05	SM	EET MID

**Eurofins Midland** 

Matrix: Solid

Released to Imaging: 11/18/2024 11:26:04 AM

Client: Etech Environmental & Safety Solutions Project/Site: Neff 13 CTB Illegal Dump

### **Client Sample ID: East Sidewall** Date Collected: 02/05/24 09:56 Date Received: 02/05/24 16:34

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			72964	02/11/24 12:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	72497	02/06/24 12:29	ткс	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72812	02/11/24 12:12	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	72458	02/06/24 10:27	SMC	EET MID
Soluble	Analysis	300.0		1			72626	02/08/24 16:21	СН	EET MID

#### **Client Sample ID: South Sidewall** Date Collected: 02/05/24 09:58

### Date Received: 02/05/24 16:34

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	73182	02/14/24 15:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	73209	02/16/24 03:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			73366	02/16/24 03:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			72964	02/11/24 12:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	72497	02/06/24 12:29	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72812	02/11/24 12:33	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	72458	02/06/24 10:27	SMC	EET MID
Soluble	Analysis	300.0		1			72626	02/08/24 16:28	СН	EET MID

### **Client Sample ID: West Sidewall**

### Date Collected: 02/05/24 10:00

Date Received: 02/05/24 16:34

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	73182	02/14/24 15:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	73209	02/16/24 03:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			73366	02/16/24 03:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			72964	02/11/24 12:56	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	72497	02/06/24 12:29	ткс	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72812	02/11/24 12:56	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	72458	02/06/24 10:27	SMC	EET MID
Soluble	Analysis	300.0		1			72626	02/08/24 16:48	CH	EET MID

#### Laboratory References:

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

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Job ID: 880-38945-1 SDG: 16740

## Lab Sample ID: 880-38945-4

Matrix: Solid

## Lab Sample ID: 880-38945-5

Matrix: Solid

## Lab Sample ID: 880-38945-6

Matrix: Solid

Eurofins	Midland

### Accreditation/Certification Summary

Page 65 of 178

s otherwise noted, all analy	rtes for this laboratory were c	overed under each accredit	ation/certification below.		
thority	Progra		Identification Number	Expiration Date	
as	NELAF	5	T104704400-23-26	06-30-24	
• •		t the laboratory is not certifi	ed by the governing authority. This lis	t may include analytes	
for which the agency do Analysis Method	bes not offer certification. Prep Method	Matrix	Analyte		
8015 NM		Solid	Total TPH		-
Total BTEX		Solid	Total BTEX		

Eurofins Midland

### Received by OCD: 11/17/2024 1:48:10 PM

### **Method Summary**

### Client: Etech Environmental & Safety Solutions Project/Site: Neff 13 CTB Illegal Dump

Job ID: 880-38945-1 SDG: 16740

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	E
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 Refe	rences:			8
ASTM = A	STM International			
EPA = US	Environmental Protection Agency			9
SW846 = '	Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edi	tion, November 1986 And Its Updates.		
TAL SOP :	<ul> <li>TestAmerica Laboratories, Standard Operating Procedure</li> </ul>			

#### Laboratory References:

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

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Client: Etech Environmental & Safety Solutions Project/Site: Neff 13 CTB Illegal Dump Job ID: 880-38945-1 SDG: 16740

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth	
380-38945-1	Floor Sample 1	Solid	02/05/24 09:51	02/05/24 16:34	24"	
380-38945-2	Floor Sample 2	Solid	02/05/24 09:53	02/05/24 16:34	24"	
380-38945-3	North Sidewall	Solid	02/05/24 09:54	02/05/24 16:34	0-12"	
380-38945-4	East Sidewall	Solid	02/05/24 09:56	02/05/24 16:34	0-12"	
380-38945-5	South Sidewall	Solid	02/05/24 09:58	02/05/24 16:34	0-12"	
380-38945-6	West Sidewall	Solid	02/05/24 10:00	02/05/24 16:34	0-12"	
						-

		Ach	Relinquished by (Signature) Recei	Notice Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of service. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated	Total 200.7 / 6010 200.8 / 6020: Circle Method(s) and Metal(s) to be analyzed		west side wall V	1 Side	East side wall	North sidewall	100	E/ 10 F Sample 1 501 295/24	Sample Identification Matrix Sampled		Yes No NIA	Vor No Riv	5.3	SAMPLE RECEIPT Temp Blank Yed	Sampler's Name. Delton Pelly	0		Project Name Neff (3 CTB illegel	Phone (432)563-2200	City, State ZIP· Midland, TX 79711	Address 13000 West CR 100	Company Name Etech Environmental	Project Manager Blake Estep	
	2	2 2 2	Received by <sub>N</sub> (Signature)	constitutes a valid purchase order from cl tall not assume any responsibility for any i ject and a charge of \$5 for each sample su	8RCRA 13PPM Texas 11 AI TCLP / SPLP 6010 8RCRA		10:00 0.12"	9:58 0-12"	9:56 0-12"	9:54 0-12"		24 9:51 24"	Time Sampled Depth				Thermometer ID	No Wet Ice Kes No	Due Date	Rush	Ro	( Dump Turn Around	Email	11 City, State ZIP		ntal Company Name	Bill to (if different)	Midland,TX (432-704-5440) EL Paso TX (915)585-3443 Lubbock,TX (806)794-1296 Hobbs NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa FL (813-620-2000)
6	45124 1634 4	2/5/24 16.23 2	Date/Time Reln	lient company to Xenco, its affiliates an losses or expenses incurred by the clie bmitted to Xenco, but not analyzed. Th								XXX	Numt BTEX TPH_(1 Chlori	(802 F <del>X1</del> 0	:1B)				٨				blake@etechenv com					Midland, TX (432-704-5440) EL Paso TX (915)585-3443 Lubbock, TX (806)794-1296 575-392-7550) Phoenix, AZ (480-355-0900) Atlanta, GA (770-449-8800) Tampa FL (81:
			ReInquished by (Signature)	rd subcontractors. It assigns standard int if such losses are due to circumstan ese terms will be enforced unless previ	Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U																	ANALYSIS REQUEST	Deliverab	Reporting Level II	State	Program		ck,TX (806)794-1296 8800) Tampa FL (813-620-2000)
			Received by (Signature)	terms and conditions ces beyond the control ously negotiated	K Se Ag SiO2	880-38945 Chain of Custody								ç						Bill Etech			Deliverables EDD ADaPT	Level III _ PST/UST	State of Project:	Program: UST/PST PRP Brownfields	Work Order Comments	www.xenco.com Page_
Revised Date 051418 Rev 2018 1			Date/Time		. Na Sr Ti Sn U V Zn 1631/245.1/7470 /7471 Hg								Sample Comments		NDD20					ech	4	Work Order Notes	Other			RRC Superfund	nts	geof

Released to Imaging: 11/18/2024 11:26:04 AM



Chain of Custody

Job Number: 880-38945-1 SDG Number: 16740

List Source: Eurofins Midland

### Login Sample Receipt Checklist

Client: Etech Environmental & Safety Solutions

#### Login Number: 38945 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	N/A	

Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").

Received by OCD: 11/17/2024 1:48:10 PM



**Environment Testing** 

# **ANALYTICAL REPORT**

## PREPARED FOR

Attn: Blake Estep Etech Environmental & Safety Solutions PO BOX 62228 Midland, Texas 79711 Generated 3/19/2024 2:53:59 PM

JOB DESCRIPTION

Neff 13 CTB

## **JOB NUMBER**

880-40898-1

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Eurofins Midland 1211 W. Florida Ave Midland TX 79701

See page two for job notes and contact information.



## **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

AMER

Generated 3/19/2024 2:53:59 PM

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

Eurofins Midland is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies

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# **Definitions/Glossary**

Client: Etech Environmental & Safety Solutions Project/Site: Neff 13 CTB Job ID: 880-40898-1

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Project/Site: r		
Qualifiers		3
GC VOA		
Qualifier	Qualifier Description	
F1	MS and/or MSD recovery exceeds control limits.	
F2	MS/MSD RPD exceeds control limits	5
S1-	Surrogate recovery exceeds control limits, low biased.	
S1+	Surrogate recovery exceeds control limits, high biased.	
U	Indicates the analyte was analyzed for but not detected.	
GC Semi VO	Α	
Qualifier	Qualifier Description	
S1+	Surrogate recovery exceeds control limits, high biased.	8
U	Indicates the analyte was analyzed for but not detected.	
HPLC/IC		9
Qualifier	Qualifier Description	
*_	LCS and/or LCSD is outside acceptance limits, low biased.	
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	10
CFL	Contains Free Liquid	<b>T</b> 3
CFU	Colony Forming Unit	
CNF	Contains No Free Liquid	

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: Etech Environmental & Safety Solutions Project: Neff 13 CTB

#### Job ID: 880-40898-1

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#### Job ID: 880-40898-1

#### **Eurofins Midland**

#### Job Narrative 880-40898-1

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 3/15/2024 10:25 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 13.3°C.

#### **Receipt Exceptions**

The following samples were received and analyzed from an unpreserved bulk soil jar: Bottom Hole-3 (880-40898-1) and South Sidewall (880-40898-2).

The following samples were received at the laboratory outside the required temperature criteria: Bottom Hole-3 (880-40898-1) and South Sidewall (880-40898-2). This does not meet regulatory requirements. The client was contacted regarding this issue, and the laboratory was instructed to <CHOOSE ONE> proceed with analysis.

#### GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: South Sidewall (880-40898-2), (LCS 880-75736/1-A), (LCSD 880-75736/2-A), (880-40897-A-1-C), (880-40897-A-1-A MS) and (880-40897-A-1-B MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-75736 and analytical batch 880-75671 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.

#### GC Semi VOA

Method 8015MOD NM: The surrogate recovery for the blank associated with preparation batch 880-75817 and analytical batch 880-75778 was outside the upper control limits.

Method 8015MOD NM: The surrogate recovery for the blank associated with preparation batch 880-75802 and analytical batch 880-75775 was outside the upper control 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 laboratory control sample (LCS) associated with preparation batch 880-75726 and 880-75726 and analytical batch 880-75933 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

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

# **Client Sample Results**

Client: Etech Environmental & Safety Solutions Project/Site: Neff 13 CTB

#### Client Sample ID: Bottom Hole-3 Date Collected: 03/09/24 12:00 Date Received: 03/15/24 10:25

Job ID: 880-40898-1

# Lab Sample ID: 880-40898-1

Matrix: Solid

5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/15/24 13:02	03/16/24 04:40	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/15/24 13:02	03/16/24 04:40	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/15/24 13:02	03/16/24 04:40	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/15/24 13:02	03/16/24 04:40	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/15/24 13:02	03/16/24 04:40	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/15/24 13:02	03/16/24 04:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130				03/15/24 13:02	03/16/24 04:40	1
1,4-Difluorobenzene (Surr)	81		70 - 130				03/15/24 13:02	03/16/24 04:40	1
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	ulation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/16/24 04:40	1
Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (	GC)						
Analyte	Result	Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Total TPH	61.6		50.0		mg/Kg			03/19/24 02:53	1
Method: SW846 8015B NM - Die	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/18/24 10:16	03/19/24 02:53	1
Diesel Range Organics (Over C10-C28)	61.6		50.0		mg/Kg		03/18/24 10:16	03/19/24 02:53	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/18/24 10:16	03/19/24 02:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				03/18/24 10:16	03/19/24 02:53	1
o-Terphenyl	85		70 - 130				03/18/24 10:16	03/19/24 02:53	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solub	le						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.3	*_	5.00		mg/Kg			03/19/24 13:06	1
lient Sample ID: South Sid	ewall						Lab Sam	ple ID: 880-4	0898-2
Pate Collected: 03/09/24 12:02 Pate Received: 03/15/24 10:25								Matri	ix: Solid
-	Ormania Comm	eurode (CC	<b>`</b>						
Method: SW846 8021B - Volatile Analyte		Qualifier	) RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/15/24 13:02	03/16/24 08:12	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/15/24 13:02	03/16/24 08:12	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/15/24 13:02	03/16/24 08:12	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/15/24 13:02	03/16/24 08:12	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/15/24 13:02	03/16/24 08:12	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/15/24 13:02	03/16/24 08:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				03/15/24 13:02	03/16/24 08:12	1
Elemente (eun)									

Eurofins Midland

Released to Imaging: 11/18/2024 11:26:04 AM

# **Client Sample Results**

Client: Etech Environmental & Safety Solutions Project/Site: Neff 13 CTB Job ID: 880-40898-1

# Client Sample ID: South Sidewall Lab Sample ID: 880-40898-2 Date Collected: 03/09/24 12:02 Matrix: Solid Date Received: 03/15/24 10:25 Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/16/24 08:12	1	
Method: SW846 8015 NM - Diese	I Range Organ	ics (DRO) (	GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<50.0	U	50.0		mg/Kg			03/19/24 04:39	1	_
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		03/18/24 08:51	03/19/24 04:39	1	
GRO)-C6-C10										
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		03/18/24 08:51	03/19/24 04:39	1	
:10-C28)										
II Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/18/24 08:51	03/19/24 04:39	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
-Chlorooctane	102		70 - 130				03/18/24 08:51	03/19/24 04:39	1	
p-Terphenyl	81		70 - 130				03/18/24 08:51	03/19/24 04:39	1	
Mothody EDA 200.0 Aniona Jan	Chromotogran	by Colubi	•							
Method: EPA 300.0 - Anions, Ion	• •	-		MDI	l lució		Drenered	Amelymed		E
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	72.8	*_	5.01		mg/Kg			03/19/24 13:13	1	

#### Method: 8021B - Volatile Organic Compounds (GC) Matrix: Solid

#### Percent Surrogate Recovery (Acceptance Limits) BFB1 DFBZ1 Lab Sample ID Client Sample ID (70-130) (70-130) 880-40897-A-1-A MS Matrix Spike 179 S1+ 81 880-40897-A-1-B MSD Matrix Spike Duplicate 216 S1+ 91 880-40898-1 Bottom Hole-3 83 81 South Sidewall 880-40898-2 126 69 S1-LCS 880-75736/1-A Lab Control Sample 136 S1+ 84 LCSD 880-75736/2-A Lab Control Sample Dup 137 S1+ 83 MB 880-75685/5-A Method Blank 79 82 MB 880-75736/5-A Method Blank 84 79 Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

#### Matrix: Solid

		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-40879-A-35-E MS	Matrix Spike	94	87
880-40879-A-35-F MSD	Matrix Spike Duplicate	90	83
880-40898-1	Bottom Hole-3	83	85
880-40898-2	South Sidewall	102	81
890-6359-A-22-E MS	Matrix Spike	104	81
890-6359-A-22-F MSD	Matrix Spike Duplicate	107	81
LCS 880-75802/2-A	Lab Control Sample	125	122
LCS 880-75817/2-A	Lab Control Sample	96	114
LCSD 880-75802/3-A	Lab Control Sample Dup	97	95
LCSD 880-75817/3-A	Lab Control Sample Dup	85	97
MB 880-75802/1-A	Method Blank	172 S1+	156 S1+
MB 880-75817/1-A	Method Blank	137 S1+	160 S1+

#### Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Prep Type: Total/NA

Prep Type: Total/NA

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**Eurofins Midland** 

Client: Etech Environmental & Safety Solutions Project/Site: Neff 13 CTB

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

Lab Sample ID: MB 880-7568	5/5-A									Client	Samp	le ID: Metho	od Blank
Matrix: Solid												Prep Type:	
Analysis Batch: 75671												Prep Batc	
-		MB	мв										
Analyte	Re	sult	Qualifier	RL		MDL	Unit		D	Prepared	l	Analyzed	Dil Fac
Benzene	<0.00	200	U	0.00200			mg/Kg		_	03/15/24 10:	:09 03	3/15/24 12:46	1
Toluene	<0.00	200	U	0.00200			mg/Kg			03/15/24 10:	:09 03	8/15/24 12:46	1
Ethylbenzene	<0.00	200	U	0.00200			mg/Kg			03/15/24 10:	:09 03	8/15/24 12:46	1
m-Xylene & p-Xylene	<0.00	400	U	0.00400			mg/Kg			03/15/24 10:	:09 03	3/15/24 12:46	1
o-Xylene	<0.00	200	U	0.00200			mg/Kg			03/15/24 10:	:09 03	3/15/24 12:46	1
Xylenes, Total	<0.00	400	U	0.00400			mg/Kg			03/15/24 10:	:09 03	3/15/24 12:46	1
		ΜΒ	MB										
Surrogate	%Recov		Qualifier	Limits						Prepared	,	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)		79	quamer	70 - 130						03/15/24 10		3/15/24 12:46	
1,4-Difluorobenzene (Surr)		82		70 - 130						03/15/24 10		3/15/24 12:46	
		02		70 - 730						00/10/24 10.	.03 00	0/10/24 12.40	
Lab Sample ID: MB 880-75730	6/5-A									Client	Samp	le ID: Metho	od Blank
Matrix: Solid												Prep Type:	Total/NA
Analysis Batch: 75671												Prep Batc	h: 75736
		MB	МВ										
Analyte			Qualifier	RL		MDL	Unit		D	Prepared	l	Analyzed	Dil Fac
Benzene	<0.00	200	U	0.00200			mg/Kg			03/15/24 13:		3/16/24 02:06	1
Toluene	<0.00	200	U	0.00200			mg/Kg			03/15/24 13:	:02 03	8/16/24 02:06	1
Ethylbenzene	<0.00	200	U	0.00200			mg/Kg			03/15/24 13:	:02 03	8/16/24 02:06	1
m-Xylene & p-Xylene	<0.00	400	U	0.00400			mg/Kg			03/15/24 13:	:02 03	3/16/24 02:06	1
o-Xylene	<0.00	200	U	0.00200			mg/Kg			03/15/24 13:	:02 03	8/16/24 02:06	4
Xylenes, Total	<0.00	400	U	0.00400			mg/Kg			03/15/24 13:	:02 03	3/16/24 02:06	1
		ΜΒ	МВ										
Surrogate	%Recov	/ery	Qualifier	Limits						Prepared	1	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)		84		70 - 130						03/15/24 13	:02 03	3/16/24 02:06	1
1,4-Difluorobenzene (Surr)		79		70 - 130						03/15/24 13	:02 03	3/16/24 02:06	1
- 									_				
Lab Sample ID: LCS 880-7573	66/1 <b>-A</b>								C	lient Samp		Lab Contro	
Matrix: Solid												Prep Type:	
Analysis Batch: 75671				<b>.</b>							o/ <b>-</b>	Prep Batc	h: 75736
				Spike	LCS	LCS				- ~-	%F		
Analyte	·			Added	Result	Qua	lifier	Unit		D %Rec			
Benzene				0.100	0.1068			mg/Kg		107		. 130	
Toluene				0.100	0.09907			mg/Kg		99		. 130	
Ethylbenzene				0.100	0.1092			mg/Kg		109		. 130	
m-Xylene & p-Xylene				0.200	0.2192			mg/Kg		110		. 130	
o-Xylene				0.100	0.1134			mg/Kg		113	70.	. 130	
	LCS	LCS											
Surrogate	%Recovery	Qualit	fier	Limits									
4-Bromofluorobenzene (Surr)	136	S1+		70 - 130									
1,4-Difluorobenzene (Surr)	84			70 - 130									
Lab Sample ID: LCSD 880-75	736/2-4							CIE	ant	Sample ID	r I ah (	Control San	nle Dur
Matrix: Solid	JUIZ-A							CIII	5110	Jampie ID		Prep Type:	
												Prep Batc	
												-	
Analysis Batch: 75671				Snike	I CSD	108	D				%	lec	R DL
Analyte				Spike Added	LCSD Result			Unit		D %Rec	%F Lin		RPC D Limi

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Job ID: 880-40898-1

Client: Etech Environmental & Safety Solutions Project/Site: Neff 13 CTB

Job ID: 880-40898-1

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

Lab Sample ID: LCSD 880-7	5736/2-A					Clie	nt San	nple ID: I	ab Contro		
Matrix: Solid										ype: To	
Analysis Batch: 75671			• "							Batch:	
			Spike		LCSD		_	a/ <b>B</b>	%Rec		RPD
Analyte			Added		Qualifier	Unit	D	%Rec	Limits		Limi
Toluene			0.100	0.1111		mg/Kg		111	70 - 130	11	3
Ethylbenzene			0.100	0.1205		mg/Kg		120	70 - 130	10	3
m-Xylene & p-Xylene			0.200	0.2428		mg/Kg		121	70 - 130	10	3
o-Xylene			0.100	0.1247		mg/Kg		125	70 - 130	10	3
	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	137	S1+	70 _ 130								
1,4-Difluorobenzene (Surr)	83		70 - 130								
Lab Sample ID: 880-40897-A	A-1-A MS							Client	Sample ID	: Matrix	Spik
Matrix: Solid									Prep 1	ype: To	tal/N
Analysis Batch: 75671									Prep	Batch:	7573
	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	< 0.00199	U	0.0996	0.08659		mg/Kg		87	70 - 130		
Toluene	0.00554		0.0996	0.08995		mg/Kg		85	70 - 130		
Ethylbenzene	0.0152	F2 F1	0.0996	0.08155	F1	mg/Kg		67	70 - 130		
m-Xylene & p-Xylene	0.201	F1	0.199	0.2820	F1	mg/Kg		41	70 - 130		
o-Xylene	0.157	F2 F1	0.0996	0.1626	F1	mg/Kg		5	70 - 130		
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	179	S1+	70 - 130								
1,4-Difluorobenzene (Surr)	81		70 - 130								
Lab Sample ID: 880-40897-A	A-1-B MSD					CI	ient Sa	ample ID	: Matrix Sp	oike Dup	olicat
Matrix: Solid									Prep 1	ype: To	tal/N/
Analysis Batch: 75671									Prep	Batch:	7573
	Sample	Sample	Spike	MSD	MSD				%Rec		RPI
Analyte		Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limi
Benzene	<0.00199	U	0.101	0.1161		mg/Kg	_	115	70 - 130	29	3
Toluene	0.00554		0.101	0.1116		mg/Kg		105	70 - 130	22	3
m-Xylene & p-Xylene	0.201	F1	0.202	0.2631	F1	mg/Kg		31	70 - 130	7	3
o-Xylene	0.157		0.101		F1 F2	mg/Kg		160	70 - 130	65	3

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	216	S1+	70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

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

Lab Sample ID: MB 880-75802/1-A Matrix: Solid Analysis Batch: 75775							Client Sa	mple ID: Metho Prep Type: ٦ Prep Batch	Total/NA
	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/18/24 08:51	03/18/24 19:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/18/24 08:51	03/18/24 19:52	1

# Eurofins Midland

Client: Etech Environmental & Safety Solutions Project/Site: Neff 13 CTB

Job ID: 880-40898-1

Lab Sample ID: MB 880-75802/	1-A									<b>Client Sa</b>	ample ID: N	/lethod	Blank
Matrix: Solid											Prep T		
Analysis Batch: 75775												Batch:	
-	MB	MB											
Analyte	Result	Qualifier	RL		MDL	Unit		D	Pi	repared	Analyze	ed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0			mg/Kg		_	03/18	8/24 08:51	03/18/24 1	9:52	1
		MD											
	MB								_				
Surrogate	%Recovery		<i>Limits</i>							repared	Analyze		Dil Fac
I-Chlorooctane	172		70 - 130 70 - 130							8/24 08:51	03/18/24 1		1
-Terphenyl	156	S1+	70 - 130						03/1	8/24 08:51	03/18/24 1	9:52	1
_ab Sample ID: LCS 880-75802	2/2 <b>-</b> ∆							С	liont	Sample	ID: Lab Co	ntrol S	amnlo
Aatrix: Solid								Ŭ	nom	oumpic	Prep T		
Analysis Batch: 75775												Batch:	
thatysis Daten. 19119			Spike	LCS	LCS						%Rec	Daten.	7 3002
nalyte			Added	Result		lifior	Unit		D	%Rec	Limits		
Gasoline Range Organics			1000	955.1	Qual		mg/Kg				70 - 130		
GRO)-C6-C10			1000	555.1			mg/itg			30	70 - 100		
liesel Range Organics (Over			1000	999.4			mg/Kg			100	70 - 130		
C10-C28)													
	LCS LCS												
Surrogato	%Recovery Qua		Limits										
Surrogate	125		70 - 130										
omorooctane	120		10-100										
ab Sample ID: LCSD 880-758	122 <b>)2/3-A</b>		70 - 130				Cli	ent	Sam	iple ID: L	ab Control		-
Lab Sample ID: LCSD 880-7580 Matrix: Solid				LCSD	LCS	D	Cli	ent	Sam	ple ID: L	Prep Ty Prep		otal/NA 75802
Lab Sample ID: LCSD 880-7580 Matrix: Solid Analysis Batch: 75775			Spike	LCSD Result				ent		-	Prep Ty Prep %Rec	ype: To Batch:	otal/NA 75802 RPD
Lab Sample ID: LCSD 880-7580 Matrix: Solid Analysis Batch: 75775 Analyte			Spike Added	Result			Unit	ent	Sam	%Rec	Prep Ty Prep %Rec Limits	ype: To Batch: RPD	75802 RPD Limit
Lab Sample ID: LCSD 880-7580 Matrix: Solid Analysis Batch: 75775 Analyte Gasoline Range Organics			Spike					ent		-	Prep Ty Prep %Rec	ype: To Batch:	75802 RPD Limit
Lab Sample ID: LCSD 880-7580 Matrix: Solid Analysis Batch: 75775 Analyte Gasoline Range Organics GRO)-C6-C10			Spike Added	Result			Unit	ent		%Rec	Prep Ty Prep %Rec Limits	ype: To Batch: RPD	tal/NA 75802 RPD Limit 20
Lab Sample ID: LCSD 880-7580 Matrix: Solid Analysis Batch: 75775 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over			Spike Added 1000	Result 927.5			Unit mg/Kg	ent		<b>%Rec</b> 93	Prep Ty Prep %Rec Limits 70 - 130	ype: To Batch: <u>RPD</u> 3	tal/NA 75802 RPD Limit 20
Lab Sample ID: LCSD 880-7580 Matrix: Solid Analysis Batch: 75775 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over	02/3-A		Spike Added 1000	Result 927.5			Unit mg/Kg	ent		<b>%Rec</b> 93	Prep Ty Prep %Rec Limits 70 - 130	ype: To Batch: <u>RPD</u> 3	otal/NA 75802 RPD
Lab Sample ID: LCSD 880-7580 Matrix: Solid Analysis Batch: 75775 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	02/3-A		<b>Spike</b> Added 1000 1000	Result 927.5			Unit mg/Kg	ent		<b>%Rec</b> 93	Prep Ty Prep %Rec Limits 70 - 130	ype: To Batch: <u>RPD</u> 3	tal/NA 75802 RPD Limit 20
Lab Sample ID: LCSD 880-7580 Matrix: Solid Analysis Batch: 75775 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate	LCSD LCS %Recovery Qua	SD	Spike Added 1000 1000 Limits	Result 927.5			Unit mg/Kg	ent		<b>%Rec</b> 93	Prep Ty Prep %Rec Limits 70 - 130	ype: To Batch: <u>RPD</u> 3	tal/NA 75802 RPD Limit 20
Lab Sample ID: LCSD 880-7580 Matrix: Solid Analysis Batch: 75775 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate I-Chlorooctane	D2/3-A LCSD LCS %Recovery Qua 97		Spike           Added           1000           1000           Limits           70 - 130	Result 927.5			Unit mg/Kg	ent		<b>%Rec</b> 93	Prep Ty Prep %Rec Limits 70 - 130	ype: To Batch: <u>RPD</u> 3	tal/NA 75802 RPD Limit 20
Lab Sample ID: LCSD 880-7580 Matrix: Solid Analysis Batch: 75775 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate I-Chlorooctane	LCSD LCS %Recovery Qua		Spike Added 1000 1000 Limits	Result 927.5			Unit mg/Kg	ent		<b>%Rec</b> 93	Prep Ty Prep %Rec Limits 70 - 130	ype: To Batch: <u>RPD</u> 3	tal/NA 75802 RPD Limit 20
Lab Sample ID: LCSD 880-7580 Matrix: Solid Analysis Batch: 75775 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate I-Chlorooctane D-Terphenyl	D2/3-A LCSD LCS %Recovery Qua 97 95		Spike           Added           1000           1000           Limits           70 - 130	Result 927.5			Unit mg/Kg	ent		<b>%Rec</b> 93 96	Prep Ty Prep %Rec Limits 70 - 130 70 - 130	ype: To Batch: RPD 3 4	0tal/NA 75802 RPD Limit 20 20
Lab Sample ID: LCSD 880-7580 Matrix: Solid Analysis Batch: 75775 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate I-Chlorooctane D-Terphenyl Lab Sample ID: 890-6359-A-22	D2/3-A LCSD LCS %Recovery Qua 97 95		Spike           Added           1000           1000           Limits           70 - 130	Result 927.5			Unit mg/Kg	ent		<b>%Rec</b> 93 96	Prep           %Rec           Limits           70 - 130           70 - 130           70 - 130	ype: To Batch: RPD 3 4 Matrix	tal/NA 75802 RPD Limit 20 20
Lab Sample ID: LCSD 880-7580 Matrix: Solid Analysis Batch: 75775 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate I-Chlorooctane D-Terphenyl Lab Sample ID: 890-6359-A-22- Matrix: Solid	D2/3-A LCSD LCS %Recovery Qua 97 95		Spike           Added           1000           1000           Limits           70 - 130	Result 927.5			Unit mg/Kg	ent		<b>%Rec</b> 93 96	Prep Ty           Prep           %Rec           Limits           70 - 130           70 - 130           70 - 130           Sample ID:           Prep Ty	ype: To Batch: RPD 3 4 Matrix ype: To	tal/NA 75802 RPD Limit 20 20 20
Lab Sample ID: LCSD 880-7580 Matrix: Solid Analysis Batch: 75775 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over 210-C28) Surrogate -Chlorooctane -Terphenyl Lab Sample ID: 890-6359-A-22- Matrix: Solid	D2/3-A LCSD LCS %Recovery Qua 97 95	alifier	Spike           Added           1000           1000           Limits           70 - 130	<b>Result</b> 927.5 956.4			Unit mg/Kg	ent		<b>%Rec</b> 93 96	Prep Ty           Prep           %Rec           Limits           70 - 130           70 - 130           70 - 130           Sample ID:           Prep Ty	ype: To Batch: RPD 3 4 Matrix	tal/NA 75802 RPD Limit 20 20 20
Lab Sample ID: LCSD 880-7580 Matrix: Solid Analysis Batch: 75775 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate Chlorooctane D-Terphenyl Lab Sample ID: 890-6359-A-22- Matrix: Solid Analysis Batch: 75775	D2/3-A LCSD LCS %Recovery Qua 97 95 -E MS	nlifier	Spike           Added           1000	<b>Result</b> 927.5 956.4	Qual	lifier	Unit mg/Kg	ent		<b>%Rec</b> 93 96	Prep Ty Prep %Rec Limits 70 - 130 70 - 130 70 - 130 Sample ID: Prep Ty Prep	ype: To Batch: RPD 3 4 Matrix ype: To	tal/NA 75802 RPD Limit 20 20 20
Lab Sample ID: LCSD 880-7580 Matrix: Solid Analysis Batch: 75775 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate -Chlorooctane -Terphenyl Lab Sample ID: 890-6359-A-22- Matrix: Solid Analysis Batch: 75775 Analyte Basoline Range Organics	D2/3-A LCSD LCS %Recovery Qua 97 95 -E MS Sample San	nlifier	Spike           Added           1000           1000           1000           1000           1000           1000           1000           1000           1000           1000           1000           1000           5pike	<b>Result</b> 927.5 956.4 MS	Qual	lifier	Unit mg/Kg mg/Kg	ent	<u>D</u>	%Rec 93 96 Client \$	Prep Ty Prep %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - Prep Ty Prep Ty Prep %Rec	ype: To Batch: RPD 3 4 Matrix ype: To	tal/NA 75802 RPD Limit 20 20 20
Lab Sample ID: LCSD 880-7580 Matrix: Solid Analysis Batch: 75775 Analyte Basoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane D-Terphenyl Lab Sample ID: 890-6359-A-22- Matrix: Solid Analysis Batch: 75775 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over	D2/3-A LCSD LCS %Recovery Qua 97 95 -E MS Sample San Result Qua	nlifier	Spike           Added           1000           1000           1000           1000           1000           1000           1000           1000           1000           1000           1000           5pike           Added	Result           927.5           956.4           MS           Result	Qual	lifier	Unit mg/Kg mg/Kg	ent	<u>D</u>	%Rec 93 96 Client \$	Prep Ty Prep %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 190 70 -	ype: To Batch: RPD 3 4 Matrix ype: To	tal/NA 75802 RPD Limit 20 20 20
Lab Sample ID: LCSD 880-7580 Matrix: Solid Analysis Batch: 75775 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane p-Terphenyl Lab Sample ID: 890-6359-A-22- Matrix: Solid Analysis Batch: 75775 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	LCSD         LCS           %Recovery         Qua           97         95           -E MS         Sample           Sample         Qua           <50.0	nlifier	Spike           Added           1000           1000           1000           1000           1000           1000           1000           5pike           Added           999	Result           927.5           956.4           MS           Result           812.3	Qual	lifier	Unit mg/Kg mg/Kg <u>Unit</u> mg/Kg	ent	<u>D</u>	%Rec         93           93         96           Glient S           %Rec           80	Prep Ty Prep %Rec Limits 70 - 130 70 - 130 70 - 130 Sample ID: Prep Ty Prep %Rec Limits 70 - 130	ype: To Batch: RPD 3 4 Matrix ype: To	tal/NA 75802 RPD Limit 20 20 20
b-Terphenyl Lab Sample ID: LCSD 880-7580 Matrix: Solid Analysis Batch: 75775 Analyte Gasoline Range Organics (Over C10-C28) Surrogate 1-Chlorooctane b-Terphenyl Lab Sample ID: 890-6359-A-22- Matrix: Solid Analysis Batch: 75775 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate Surrogate	LCSD         LCS           %Recovery         Qua           97         95           -E MS         Sample         Sam <sono< td="">         U         U</sono<>	nple	Spike           Added           1000           1000           1000           1000           1000           1000           1000           5pike           Added           999	Result           927.5           956.4           MS           Result           812.3	Qual	lifier	Unit mg/Kg mg/Kg <u>Unit</u> mg/Kg	ent	<u>D</u>	%Rec         93           93         96           Glient S           %Rec           80	Prep Ty Prep %Rec Limits 70 - 130 70 - 130 70 - 130 Sample ID: Prep Ty Prep %Rec Limits 70 - 130	ype: To Batch: RPD 3 4 Matrix ype: To	tal/NA 75802 RPD Limit 20 20 20

Client: Etech Environmental & Safety Solutions Project/Site: Neff 13 CTB

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

Matrix: Solid													Prep Ty	vpe: To	tal/NA
Analysis Batch: 75775														Batch:	
Analysis Baton. 10110	Sample	Sam	ple	Spike		MSD	MSD						%Rec	Daten.	RPD
Analyte	Result		-	Added		Result			Unit		D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	<50.0			999		851.0			mg/Kg			84	70 - 130	5	20
(GRO)-C6-C10	0010	0				00110						0.1	10-100	U U	_
Diesel Range Organics (Over	<50.0	U		999		937.8			mg/Kg			94	70 - 130	1	20
C10-C28)															
	MSD	MSD	)												
Surrogate	%Recovery	Qua		Limits											
1-Chlorooctane	107			70 - 130											
o-Terphenyl	81			70 - 130											
Lab Sample ID: MB 880-75817	/1-A											<b>Client Sa</b>	mple ID: N	lethod	Blanl
Matrix: Solid													Prep Ty	pe: To	tal/N/
Analysis Batch: 75778														Batch:	
-		МВ	MB												
Analyte	R	esult	Qualifier		RL		MDL	Unit		D	P	repared	Analyze	d	Dil Fa
Gasoline Range Organics	<	<50.0	U		50.0			mg/Kg		_	03/1	8/24 10:16	03/18/24 1	9:52	
(GRO)-C6-C10															
Diesel Range Organics (Over	<	\$50.0	U		50.0			mg/Kg			03/1	8/24 10:16	03/18/24 1	9:52	
C10-C28)											00/4				
Oll Range Organics (Over C28-C36)	<	<50.0	U		50.0			mg/Kg			03/1	8/24 10:16	03/18/24 1	9:52	
		ΜВ	МВ												
Surrogate	%Reco	very	Qualifier	Limi	ts						P	repared	Analyze	ed	Dil Fa
1-Chlorooctane		137	S1+	70 - 1	130						03/1	8/24 10:16	03/18/24 1	9:52	
o-Terphenyl		160	S1+	70 - 1	130						03/1	8/24 10:16	03/18/24 1	9:52	1
Lab Sample ID: LCS 880-7581	7/2-A									С	lient	Sample	ID: Lab Co		
Matrix: Solid													Prep Ty		
Analysis Batch: 75778														Batch:	7581
				Spike			LCS						%Rec		
Analyte				Added		Result	Qual	ifier	Unit		D	%Rec	Limits		
Gasoline Range Organics				1000		872.4			mg/Kg			87	70 - 130		
(GRO)-C6-C10 Diesel Bango Organics (Over				1000		742.7			mg/Kg			74	70 - 130		
Diesel Range Organics (Over C10-C28)				1000		172.1			iiig/itg			74	10 - 100		
- /															
		LCS													
Surrogate	%Recovery	Qua	litter	Limits											
1-Chlorooctane	96			70 - 130 70 - 120											
o-Terphenyl	114			70 - 130											
Lab Sample ID: LCSD 880-758	17/3-4								Cli	ent	Sam	nie ID· I	ab Control	Samp	le Dur
Matrix: Solid										June	Jam	, , , , , , , , , , , , , , , , , , ,	Prep Ty		
Analysis Batch: 75778														Batch:	
Analysis Buton. 10110				Spike		LCSD	LCSI	C					%Rec	Buttin.	RPE
Analyte				Added		Result			Unit		D	%Rec	Limits	RPD	Limi
Gasoline Range Organics				1000		873.9	quui		mg/Kg			87	70 - 130	0	2(
(GRO)-C6-C10						2. 5.0						÷.		v	20
Diesel Range Organics (Over				1000		765.6			mg/Kg			77	70 - 130	3	20
C10-C28)															

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Job ID: 880-40898-1

Client: Etech Environmental & Safety Solutions Project/Site: Neff 13 CTB

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

Lab Sample ID: LCSD 880-75 Matrix: Solid	5817/3-A					Clier	nt Sam	ple ID: I	Lab Contro		
Analysis Batch: 75778										ype: To Batch:	
	LCSD	LCSD									
Surrogate	%Recovery		Limits								
1-Chlorooctane	85	- <u>-</u>	70 - 130								
o-Terphenyl	97		70 - 130								
Lab Sample ID: 880-40879-A	-35-E MS							Client	Sample ID	: Matrix	Spik
Matrix: Solid										ype: To	
Analysis Batch: 75778										Batch:	
-	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	890.8		mg/Kg		86	70 - 130		
Diesel Range Organics (Over C10-C28)	55.6		1000	883.6		mg/Kg		83	70 - 130		
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	94		70 - 130								
o-Terphenyl	87		70 - 130								
Lab Sample ID: 880-40879-A	-35-F MSD					CI	ient Sa	ample ID	): Matrix Sp	oike Dup	olicat
Matrix: Solid									Prep T	ype: To	tal/N
Analysis Batch: 75778									Prep	Batch:	7581
	Sample	Sample	Spike	MSD	MSD				%Rec		RP
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Lim
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	855.3		mg/Kg		82	70 - 130	4	2
Diesel Range Organics (Over	55.6		1000	842.1		mg/Kg		79	70 - 130	5	2
C10-C28)											
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
			70 100								
1-Chlorooctane	90		70 - 130								

Lab Sample ID: MB 880-75726/1-A Matrix: Solid										(	Client S	ample ID: Metho Prep Type:	
Analysis Batch: 75933	МВ	мв											
Analyte		Qualifier		RL		MDL	Unit		D	Pr	epared	Analyzed	Dil Fac
Chloride	<5.00	U		5.00			mg/Kg					03/19/24 09:46	1
Lab Sample ID: LCS 880-75726/2-A Matrix: Solid									Clie	nt	Sample	ID: Lab Control Prep Type:	
Analysis Batch: 75933			Spike		LCS	LCS						%Rec	
Analyte			Added		Result	Quali	ifier	Unit	I	D	%Rec	Limits	
Chloride			250		226.8			mg/Kg			91	90 - 110	

Eurofins Midland

Client: Etech Environmental & Safety Solutions Project/Site: Neff 13 CTB Job ID: 880-40898-1

Mothod: 200.0 Anione	Ion Chromatography (Continued)
Melliou. Juu Alliulis.	

Lab Sample ID: LCSD 880- Matrix: Solid Analysis Batch: 75933	75726/3-A					Clier	nt Sam	ple ID:	Lab Contro Prep	ol Sampl Type: S	
			Spike	LCSD	LCSD				%Rec		RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride			250	222.3	*_	mg/Kg		89	90 - 110	2	20
 Lab Sample ID: 880-40890-	A-3-B MS							Client	Sample ID	: Matrix	Spike
Matrix: Solid									Prep	Type: S	oluble
Analysis Batch: 75933											
-	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	4490	*_	2530	7193		mg/Kg		107	90 - 110		
 Lab Sample ID: 880-40890-	A-3-C MSD					CI	ient Sa	ample IC	): Matrix S	pike Dup	olicate
Matrix: Solid									Prep	Type: S	oluble
Analysis Batch: 75933											
-	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	4490	*_	2530	7268		mg/Kg		110	90 - 110	1	20

# **QC** Association Summary

Client: Etech Environmental & Safety Solutions Project/Site: Neff 13 CTB

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Job ID: 880-40898-1

## **GC VOA**

#### Analysis Batch: 75671

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-40898-1	Bottom Hole-3	Total/NA	Solid	8021B	75736
880-40898-2	South Sidewall	Total/NA	Solid	8021B	75736
MB 880-75685/5-A	Method Blank	Total/NA	Solid	8021B	75685
MB 880-75736/5-A	Method Blank	Total/NA	Solid	8021B	75736
LCS 880-75736/1-A	Lab Control Sample	Total/NA	Solid	8021B	75736
LCSD 880-75736/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	75736
880-40897-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	75736
880-40897-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	75736
Lab Sample ID MB 880-75685/5-A	Client Sample ID Method Blank	Prep Type Total/NA	Matrix Solid	Method 5035	Prep Batch
		10(0,),0,1	00114		
rep Batch: 75736					
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40898-1	Bottom Hole-3	Total/NA	Solid	5035	
880-40898-2	South Sidewall	Total/NA	Solid	5035	
MB 880-75736/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-75736/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-75736/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
LCOD 000-13130/2-A	Zab Gonaidi Gampio Dap				

880-40898-1         Bottom Hole-3         Total/NA         Solid         5035	
880-40898-2South SidewallTotal/NASolid5035	
MB 880-75736/5-A Method Blank Total/NA Solid 5035	
LCS 880-75736/1-A Lab Control Sample Total/NA Solid 5035	
LCSD 880-75736/2-A Lab Control Sample Dup Total/NA Solid 5035	
880-40897-A-1-A MSMatrix SpikeTotal/NASolid5035	
880-40897-A-1-B MSD         Matrix Spike Duplicate         Total/NA         Solid         5035	

#### Analysis Batch: 75846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40898-1	Bottom Hole-3	Total/NA	Solid	Total BTEX	
880-40898-2	South Sidewall	Total/NA	Solid	Total BTEX	

# GC Semi VOA

#### Analysis Batch: 75775

880-40898-2	South Sidewall	Total/NA	Solid	8015NM Prep	
Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
rep Batch: 75802					
880-40879-A-35-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	75817
880-40879-A-35-E MS	Matrix Spike	Total/NA	Solid	8015B NM	75817
LCSD 880-75817/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	75817
LCS 880-75817/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	75817
MB 880-75817/1-A	Method Blank	Total/NA	Solid	8015B NM	75817
880-40898-1	Bottom Hole-3	Total/NA	Solid	8015B NM	75817
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
nalysis Batch: 75778					
890-6359-A-22-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	75802
890-6359-A-22-E MS	Matrix Spike	Total/NA	Solid	8015B NM	75802
LCSD 880-75802/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	75802
LCS 880-75802/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	75802
MB 880-75802/1-A	Method Blank	Total/NA	Solid	8015B NM	75802
880-40898-2	South Sidewall	Total/NA	Solid	8015B NM	75802
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch

# **QC** Association Summary

Client: Etech Environmental & Safety Solutions Project/Site: Neff 13 CTB

## GC Semi VOA (Continued)

#### Prep Batch: 75802 (Continued)

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
MB 880-75802/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-75802/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-75802/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-6359-A-22-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-6359-A-22-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	
Prep Batch: 75817					
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40898-1	Bottom Hole-3	Total/NA	Solid	8015NM Prep	
MB 880-75817/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-75817/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-75817/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-40879-A-35-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-40879-A-35-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	
Analysis Batch: 76014					
Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-40898-1	Bottom Hole-3	Total/NA	Solid	8015 NM	
880-40898-2	South Sidewall	Total/NA	Solid	8015 NM	

#### HPLC/IC

#### Leach Batch: 75726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40898-1	Bottom Hole-3	Soluble	Solid	DI Leach	
880-40898-2	South Sidewall	Soluble	Solid	DI Leach	
MB 880-75726/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-75726/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-75726/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-40890-A-3-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-40890-A-3-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

#### Analysis Batch: 75933

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40898-1	Bottom Hole-3	Soluble	Solid	300.0	75726
880-40898-2	South Sidewall	Soluble	Solid	300.0	75726
MB 880-75726/1-A	Method Blank	Soluble	Solid	300.0	75726
LCS 880-75726/2-A	Lab Control Sample	Soluble	Solid	300.0	75726
LCSD 880-75726/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	75726
880-40890-A-3-B MS	Matrix Spike	Soluble	Solid	300.0	75726
880-40890-A-3-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	75726

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Eurofins Midland

Client: Etech Environmental & Safety Solutions

Job ID: 880-40898-1

# Lab Sample ID: 880-40898-1

Lab Sample ID: 880-40898-2

Matrix: Solid

Matrix: Solid

**Client Sample ID: Bottom Hole-3** 

Date Collected: 03/09/24 12:00 Date Received: 03/15/24 10:25

Project/Site: Neff 13 CTB

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	75736	03/15/24 13:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75671	03/16/24 04:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			75846	03/16/24 04:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			76014	03/19/24 02:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	75817	03/18/24 10:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75778	03/19/24 02:53	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	75726	03/15/24 11:31	SA	EET MID
Soluble	Analysis	300.0		1			75933	03/19/24 13:06	СН	EET MID

#### **Client Sample ID: South Sidewall**

Date Collected: 03/09/24 12:02 Date Received: 03/15/24 10:25

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	75736	03/15/24 13:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75671	03/16/24 08:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			75846	03/16/24 08:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			76014	03/19/24 04:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	75802	03/18/24 08:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75775	03/19/24 04:39	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	75726	03/15/24 11:31	SA	EET MID
Soluble	Analysis	300.0		1			75933	03/19/24 13:13	CH	EET MID

#### Laboratory References:

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

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# **Accreditation/Certification Summary**

Client: Etech Environmental & Safety Solutions Project/Site: Neff 13 CTB Job ID: 880-40898-1

Expiration Date

06-30-24

# Laboratory: Eurofins Midland Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below. Authority Program Identification Number Texas NELAP T104704400-23-26

 The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

 Analysis Method
 Prep Method
 Matrix
 Analyte

 8015 NM
 Solid
 Total BTEX
 Total BTEX

Eurofins Midland

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# **Method Summary**

Client: Etech Environmental & Safety Solutions Project/Site: Neff 13 CTB

Job ID: 880-40898-1

Method	Method Description	Protocol	Laboratory
3021B	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
3015B 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
OI Leach	Deionized Water Leaching Procedure	ASTM	EET MID
EPA = US	STM International Environmental Protection Agency		
SW846 = '	'Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edit	on, November 1986 And Its Updates.	
TAL SOP :	= TestAmerica Laboratories, Standard Operating Procedure		
EET MID =	= Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440		

#### Laboratory References:

Lab Sample ID

880-40898-1

880-40898-2

# Sample Summary

Collected

03/09/24 12:00

03/09/24 12:02

Received

03/15/24 10:25

03/15/24 10:25

Matrix

Solid

Solid

Client: Etech Environmental & Safety Solutions Project/Site: Neff 13 CTB

**Client Sample ID** 

Bottom Hole-3

South Sidewall

5	
8	
9	
12	

1401	www.xenco.com Page of	work Urger comments	T PRP Brownfields RRC Superlund		Level III PST/UST TRRP Evel IV 0	D [] ADaPT Other:	Work Order Notes	Distribute to WES	Bill Etech						Q70	Sample Comments						880-40898 Chain of Custory	K Se Ag SiO2 Na Sr TI Sn U V Zn 1631 / 245.1 / 7470 / 7471. Hg	conditions	ue control liated.	Received by (Signature) Date/Time				1 2 3 4 5 6 7 8
4 4	813-620-2000)		Program: UST/PST	State of Project:	Reporting:Level II	Deliverables: EDD	QUEST																Pb Mg Mn Mo Ni K Mo Ni Se Ag Ti U	assigns standard terms and	lue to circumstances peyond rced unless previously negol					
<b>Chain of Custody</b> Houston, TX (281) 240-4200 Dallas, TX (214) 902-0300 San Antonio, TX (210) 509-3334 Midland, TX (432-704-5440) EL Paso, TX (915)585-3443 Lubbock, TX (805)794-1296	Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000) Doil for the second of the s	والتركيم والمراحم و				blake@etechenv.com	ANALYSIS REQUEST		ns N	~ ( {		<i>≈€</i> 1 08				(F) HeT (F) He							Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn N Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag	Worr: Signature of this elecument and relinquishment of samples constitutes a valid purchase order from oftent company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of some Yenne and subcontractors in assigns standard terms and conditions	n serve starte un tertage of \$75.00 will be applied for each project and a change of \$767 each sample submitted to Xence, but not analyzed. These terms will be enforced unless previously negotiated.	Date/Time Relinquished by: (Signature)	- <del> </del>	* <del>S</del> C	15/24 6	
<b>Cha</b> 1) 240-4200 Dallas,7 32-704-5440) EL Pas	550) Phoenix,AZ (480-355 Dill to	u. (ir aireitent)	Company Name:		City, State ZIP:	q	ound				res) No		intai			Depth Numbe	+	X   /	-				 1 1	e order from client com	ionicy for any rosses of ach sample submitted t	Da	9-74	2	315	издостраловил чафтеосфинутитет сотт
Houston, TX (28 Midland, TX (4	obbs,NM (575-392-7550)					Email:	Turn Around	Routine	Rush:	Due Date	No ) Wet Ice: Ne	Thermometer ID	Ż	Correction Factor:	Total Containers:	Time Sampled	00 21 10	- Cop1					BRCRA 13PPM Texas 11 AI TCLP / SPLP 6010: BRCRA	constitutes a valid purchas	au nat desume any tespons act and a charge of \$5 for 9	Received by: (Signature)	L N N /			and and developments. And developments
	Dicko Eaton	DIAKE ESIED		13000 West CR 100	Midland, TX 79711	(432)563-2200	H 13 CTB	16740			Temp Blank: Yes	13.4 13.3	(fes)' No	No MA	Yes No NA/	ation Matrix Sampled	heb C S S	1 Σ 1 7	-				otal 200.7 / 6010 200.8 / 6020: Circle Method(s) and Metal(s) to be analyzed	rent and relinquishment of samples	· viny in the cost of samples and su if \$75.00 will be applied to each proj		_	)		ал адарынынын каналаг аласын жарарын жаралыг
Released to In	Deviced Monacor	Liujeu Ivaliagei.	Company Name:	Address:	City, State ZIP:	:euoue: 24 1	Project Name: Neff	Project Number:	P.O. Number:	Sampler's Name:	SAMPLE RECEIPT	Temperature (°C):	Received Intact:	Gooler Custody Seals:	Sample Custody Seals:	5 5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	S Bation 2406- 3	South Side head					Total 200.7 / 6010 Circle Method(s) a	Volite' Cignature of fitie docur Volite' Cignature of fitie docur Venno will bo lieble	k zervice Activitium en leur	$\omega$ Relinguished by: (Signature)	/19/	202	4	90% 840 ''

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Job Number: 880-40898-1

List Source: Eurofins Midland

# Login Sample Receipt Checklist

Client: Etech Environmental & Safety Solutions

Login Number: 40898 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.	False	Refer to Job Narrative for details.
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	N/A	

Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





# envirotech

**Practical Solutions for a Better Tomorrow** 

# **Analytical Report**

# Chevron

Project Name: Neff 11-13

Work Order: E406007

Job Number: 23077-0001

Received: 6/3/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/7/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 6/7/24

Erick Herrera 322 Road 3100 Aztec, NM 87410

Project Name: Neff 11-13 Workorder: E406007 Date Received: 6/3/2024 8:00:00AM

Erick Herrera,



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Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/3/2024 8:00:00AM, under the Project Name: Neff 11-13.

The analytical test results summarized in this report with the Project Name: Neff 11-13 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

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Envirotech Web Address: www.envirotech-inc.com

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#### Sample Summary

		Sample Sum	mar y		
Chevron		Project Name:	Neff 11-13		Reported:
322 Road 3100		Project Number:	23077-0001		Keporteu.
Aztec NM, 87410		Project Manager:	Erick Herrera		06/07/24 14:28
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01 0.5'	E406007-01A	Soil	05/30/24	06/03/24	Glass Jar, 2 oz.
H01 1'	E406007-02A	Soil	05/30/24	06/03/24	Glass Jar, 2 oz.
H02 0.5'	E406007-03A	Soil	05/30/24	06/03/24	Glass Jar, 2 oz.
H02 1';	E406007-04A	Soil	05/30/24	06/03/24	Glass Jar, 2 oz.
H03 0.5'	E406007-05A	Soil	05/30/24	06/03/24	Glass Jar, 2 oz.
H03 1'	E406007-06A	Soil	05/30/24	06/03/24	Glass Jar, 2 oz.
H04 0.5'	E406007-07A	Soil	05/30/24	06/03/24	Glass Jar, 2 oz.
H04 1'	E406007-08A	Soil	05/30/24	06/03/24	Glass Jar, 2 oz.
H05 0.5'	E406007-09A	Soil	05/30/24	06/03/24	Glass Jar, 2 oz.
H05 1'	E406007-10A	Soil	05/30/24	06/03/24	Glass Jar, 2 oz.



	50	ampic D	ala			
Chevron	Project Name:	Nef	f 11-13			
322 Road 3100	Project Numbe	er: 230'	77-0001			Reported:
Aztec NM, 87410	Project Manag	ger: Eric	k Herrera			6/7/2024 2:28:57PM
		BH01 0.5'				
		E406007-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY	Batch: 2423016	
Benzene	ND	0.0250	1	06/03/24	06/06/24	
Ethylbenzene	ND	0.0250	1	06/03/24	06/06/24	
Toluene	ND	0.0250	1	06/03/24	06/06/24	
p-Xylene	ND	0.0250	1	06/03/24	06/06/24	
o,m-Xylene	ND	0.0500	1	06/03/24	06/06/24	
Total Xylenes	ND	0.0250	1	06/03/24	06/06/24	
Surrogate: 4-Bromochlorobenzene-PID		95.0 %	70-130	06/03/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: IY		Batch: 2423016
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/24	06/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.1 %	70-130	06/03/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KM		Batch: 2423058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/05/24	06/05/24	
Dil Range Organics (C28-C36)	ND	50.0	1	06/05/24	06/05/24	
Surrogate: n-Nonane		109 %	50-200	06/05/24	06/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: WF		Batch: 2423038
Chloride	344	20.0	1	06/04/24	06/04/24	

# Sample Data

Sample	Data
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	3	ample D	ลเล			
Chevron	Project Name:	Nef	11-13			
322 Road 3100	Project Numb	er: 230'	77-0001			Reported:
Aztec NM, 87410	Project Manag	ger: Eric	k Herrera			6/7/2024 2:28:57PM
		BH01 1'				
		E406007-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2423016
Benzene	ND	0.0250	1	06/03/24	06/06/24	
Ethylbenzene	ND	0.0250	1	06/03/24	06/06/24	
Toluene	ND	0.0250	1	06/03/24	06/06/24	
p-Xylene	ND	0.0250	1	06/03/24	06/06/24	
p,m-Xylene	ND	0.0500	1	06/03/24	06/06/24	
Total Xylenes	ND	0.0250	1	06/03/24	06/06/24	
Surrogate: 4-Bromochlorobenzene-PID		93.7 %	70-130	06/03/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2423016
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/24	06/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.3 %	70-130	06/03/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2423058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/05/24	06/05/24	
Dil Range Organics (C28-C36)	ND	50.0	1	06/05/24	06/05/24	
Surrogate: n-Nonane		107 %	50-200	06/05/24	06/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: WF		Batch: 2423038
Chloride	34.6	20.0	1	06/04/24	06/04/24	



# Sample Data

	50	imple D	ลเล			
Chevron	Project Name:	Nef	f 11-13			
322 Road 3100	Project Numbe	er: 230	77-0001			Reported:
Aztec NM, 87410	Project Manage	er: Eric	k Herrera			6/7/2024 2:28:57PM
	]	BH02 0.5'				
	]	E406007-03				
		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	А	nalyst: IY		Batch: 2423016
Benzene	ND	0.0250	1	06/03/24	06/06/24	
Ethylbenzene	ND	0.0250	1	06/03/24	06/06/24	
Toluene	ND	0.0250	1	06/03/24	06/06/24	
p-Xylene	ND	0.0250	1	06/03/24	06/06/24	
o,m-Xylene	ND	0.0500	1	06/03/24	06/06/24	
Total Xylenes	ND	0.0250	1	06/03/24	06/06/24	
Surrogate: 4-Bromochlorobenzene-PID		92.7 %	70-130	06/03/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	nalyst: IY		Batch: 2423016
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/24	06/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.3 %	70-130	06/03/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	nalyst: KM		Batch: 2423058
Diesel Range Organics (C10-C28)	36.6	25.0	1	06/05/24	06/05/24	
Dil Range Organics (C28-C36)	116	50.0	1	06/05/24	06/05/24	
Surrogate: n-Nonane		108 %	50-200	06/05/24	06/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	nalyst: WF		Batch: 2423038
Chloride	274	20.0	1	06/04/24	06/04/24	



# Sample Data

Sa	mpic D	ala			
Project Name:	Neff	11-13			
Project Number	r: 2307	7-0001			Reported:
Project Manage	er: Eric	k Herrera			6/7/2024 2:28:57PM
	BH02 1';				
1	E406007-04				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: IY		Batch: 2423016
ND	0.0250	1	06/03/24	06/06/24	
ND	0.0250	1	06/03/24	06/06/24	
ND	0.0250	1	06/03/24	06/06/24	
ND	0.0250	1	06/03/24	06/06/24	
ND	0.0500	1	06/03/24	06/06/24	
ND	0.0250	1	06/03/24	06/06/24	
!	93.0 %	70-130	06/03/24	06/06/24	
mg/kg	mg/kg	Analy	vst: IY		Batch: 2423016
ND	20.0	1	06/03/24	06/06/24	
!	97.2 %	70-130	06/03/24	06/06/24	
mg/kg	mg/kg	Analy	yst: KM		Batch: 2423058
ND	25.0	1	06/05/24	06/05/24	
ND	50.0	1	06/05/24	06/05/24	
	98.5 %	50-200	06/05/24	06/05/24	
mg/kg	mg/kg	Analy	vst: WF		Batch: 2423038
29.4	20.0	1	06/04/24	06/04/24	
	Project Name: Project Numbe Project Manago Result mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	Project Name:         Neff           Project Number:         2307           Project Manager:         Ericl           BH02 1';         E406007-04           BH02 1';         E406007-04           Result         Limit           mg/kg         mg/kg           MD         0.0250           ND         20.0           93.0 %         97.2 %           mg/kg         mg/kg           MD         25.0           ND         50.0           ND         50.0           MD         98.5 %           mg/kg         mg/kg	Project Name:         Neff 11-13           Project Number:         23077-0001           Project Manager:         Erick Herrera           BH02 1';         Et406007-04           BH02 1';         Dilution           Result         Limit         Dilution           mg/kg         mg/kg         Analy           ND         0.0250         1           ND         20.0         1           Mg/kg         mg/kg         Analy           ND         20.0         1           MD         20.0         1           ND         25.0         1           ND         50.0         1      <	Project Number:       23077-0001         Project Manager:       Erick Herrera         BH02 1';         E406007-04         BH02 1';         BH02 1';         Adot Set Set Set Set Set Set Set Set Set Se	Project Name:         Neff 11-13           Project Name:         23077-0001           Project Manager:         Erick Herrera           BH02 1';           E406007-04           Result         Dilution         Prepared         Analyzed           Result         Limit         Dilution         Prepared         Analyzed           MD         0.0250         1         06/03/24         06/06/24           ND         20.0         1         06/03/24         06/06/24           ND         20.0         1         06/03/24         06/06/24           MD         20.0



# Sample Data

	50	ample D	ala				
Chevron	Project Name:	Nef	11-13				
322 Road 3100	Project Numbe	er: 230'	77-0001			Reported:	
Aztec NM, 87410	Project Manag	er: Eric	k Herrera			6/7/2024 2:28:57PM	
	-	BH03 0.5'					
	]	E406007-05					
		Reporting					
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2423016	
Benzene	ND	0.0250	1	06/03/24	06/06/24		
Ethylbenzene	ND	0.0250	1	06/03/24	06/06/24		
Toluene	ND	0.0250	1	06/03/24	06/06/24		
p-Xylene	ND	0.0250	1	06/03/24	06/06/24		
o,m-Xylene	ND	0.0500	1	06/03/24	06/06/24		
Fotal Xylenes	ND	0.0250	1	06/03/24	06/06/24		
Surrogate: 4-Bromochlorobenzene-PID		92.2 %	70-130	06/03/24	06/06/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2423016	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/24	06/06/24		
Surrogate: 1-Chloro-4-fluorobenzene-F1D		96.7 %	70-130	06/03/24	06/06/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: KM		Batch: 2423058	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/05/24	06/05/24		
Dil Range Organics (C28-C36)	ND	50.0	1	06/05/24	06/05/24		
Surrogate: n-Nonane		107 %	50-200	06/05/24	06/05/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: WF		Batch: 2423038	
Chloride	278	20.0	1	06/04/24	06/04/24		



# Sample Data

	5	ample D	ala			
Chevron	Project Name:	Nef	11-13			
322 Road 3100	Project Numb	er: 230'	77-0001			Reported:
Aztec NM, 87410	Project Manag	ger: Eric	k Herrera			6/7/2024 2:28:57PM
		BH03 1'				
		E406007-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2423016
Benzene	ND	0.0250	1	06/03/24	06/06/24	
Ethylbenzene	ND	0.0250	1	06/03/24	06/06/24	
Toluene	ND	0.0250	1	06/03/24	06/06/24	
p-Xylene	ND	0.0250	1	06/03/24	06/06/24	
p,m-Xylene	ND	0.0500	1	06/03/24	06/06/24	
Total Xylenes	ND	0.0250	1	06/03/24	06/06/24	
Surrogate: 4-Bromochlorobenzene-PID		92.8 %	70-130	06/03/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: IY		Batch: 2423016
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/24	06/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.7 %	70-130	06/03/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: KM		Batch: 2423058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/05/24	06/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/05/24	06/05/24	
Surrogate: n-Nonane		101 %	50-200	06/05/24	06/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: WF		Batch: 2423038
Chloride	32.1	20.0	1	06/04/24	06/04/24	



# Sample Data

	Si	ample D	ala			
Chevron	Project Name:	Nef	f 11-13			
322 Road 3100	Project Numbe	er: 230	77-0001			Reported:
Aztec NM, 87410	Project Manag	ger: Eric	k Herrera			6/7/2024 2:28:57PM
		BH04 0.5'				
		E406007-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2423016
Benzene	ND	0.0250	1	06/03/24	06/06/24	
Ethylbenzene	ND	0.0250	1	06/03/24	06/06/24	
Toluene	ND	0.0250	1	06/03/24	06/06/24	
p-Xylene	ND	0.0250	1	06/03/24	06/06/24	
o,m-Xylene	ND	0.0500	1	06/03/24	06/06/24	
Total Xylenes	ND	0.0250	1	06/03/24	06/06/24	
Surrogate: 4-Bromochlorobenzene-PID		91.9 %	70-130	06/03/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2423016
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/24	06/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.7 %	70-130	06/03/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KM		Batch: 2423058
Diesel Range Organics (C10-C28)	33.5	25.0	1	06/05/24	06/05/24	
Dil Range Organics (C28-C36)	116	50.0	1	06/05/24	06/05/24	
Surrogate: n-Nonane		106 %	50-200	06/05/24	06/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: WF		Batch: 2423038
Chloride	225	20.0	1	06/04/24	06/04/24	



# Sample Data

	56	ample D	ata			
Chevron	Project Name:	Nef	f 11-13			
322 Road 3100	Project Numbe	er: 230	77-0001			Reported:
Aztec NM, 87410	Project Manag	ger: Eric	k Herrera			6/7/2024 2:28:57PM
		BH04 1'				
		E406007-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2423016
Benzene	ND	0.0250	1	06/03/24	06/06/24	
Ethylbenzene	ND	0.0250	1	06/03/24	06/06/24	
Toluene	ND	0.0250	1	06/03/24	06/06/24	
o-Xylene	ND	0.0250	1	06/03/24	06/06/24	
p,m-Xylene	ND	0.0500	1	06/03/24	06/06/24	
Fotal Xylenes	ND	0.0250	1	06/03/24	06/06/24	
Surrogate: 4-Bromochlorobenzene-PID		92.3 %	70-130	06/03/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2423016
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/24	06/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.5 %	70-130	06/03/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2423058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/05/24	06/06/24	
Dil Range Organics (C28-C36)	ND	50.0	1	06/05/24	06/06/24	
Surrogate: n-Nonane		107 %	50-200	06/05/24	06/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: WF		Batch: 2423038
Chloride	34.6	20.0	1	06/04/24	06/04/24	



# Sample Data

	50	impic D	ata			
Chevron	Project Name:	Nef	11-13			
322 Road 3100	Project Numbe	r: 230	77-0001			Reported:
Aztec NM, 87410	Project Manage	er: Eric	k Herrera			6/7/2024 2:28:57PM
	]	BH05 0.5'				
	]	E406007-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2423016
Benzene	ND	0.0250	1	06/03/24	06/06/24	
Ethylbenzene	ND	0.0250	1	06/03/24	06/06/24	
Toluene	ND	0.0250	1	06/03/24	06/06/24	
p-Xylene	ND	0.0250	1	06/03/24	06/06/24	
o,m-Xylene	ND	0.0500	1	06/03/24	06/06/24	
Total Xylenes	ND	0.0250	1	06/03/24	06/06/24	
Surrogate: 4-Bromochlorobenzene-PID		92.4 %	70-130	06/03/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2423016
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/24	06/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.7 %	70-130	06/03/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2423058
Diesel Range Organics (C10-C28)	33.0	25.0	1	06/05/24	06/06/24	
Dil Range Organics (C28-C36)	117	50.0	1	06/05/24	06/06/24	
Surrogate: n-Nonane		110 %	50-200	06/05/24	06/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: WF		Batch: 2423038
	219	20.0	1	06/04/24	06/04/24	



# Sample Data

	5	ampie D	ala			
Chevron	Project Name	: Nef	f 11-13			
322 Road 3100	Project Numb	er: 230	77-0001			Reported:
Aztec NM, 87410	Project Manag	ger: Eric	k Herrera			6/7/2024 2:28:57PM
		BH05 1'				
		E406007-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2423016
Benzene	ND	0.0250	1	06/03/24	06/06/24	
Ethylbenzene	ND	0.0250	1	06/03/24	06/06/24	
Toluene	ND	0.0250	1	06/03/24	06/06/24	
p-Xylene	ND	0.0250	1	06/03/24	06/06/24	
o,m-Xylene	ND	0.0500	1	06/03/24	06/06/24	
Fotal Xylenes	ND	0.0250	1	06/03/24	06/06/24	
Surrogate: 4-Bromochlorobenzene-PID		92.6 %	70-130	06/03/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2423016
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/24	06/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.3 %	70-130	06/03/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KM		Batch: 2423058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/05/24	06/06/24	
Dil Range Organics (C28-C36)	ND	50.0	1	06/05/24	06/06/24	
Surrogate: n-Nonane		102 %	50-200	06/05/24	06/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: WF		Batch: 2423038
Chloride	24.8	20.0	1	06/04/24	06/04/24	



# **OC Summary Data**

		QC DI		iry Data	4				
Chevron 322 Road 3100 Aztec NM, 87410		Project Name: Project Number: Project Manager:	23	eff 11-13 077-0001 ick Herrera					<b>Reported:</b> 6/7/2024 2:28:57PM
71200 1111, 07410		, ,		y EPA 802	1 <b>B</b>				Analyst: IY
			-	•	10				Analyst: 11
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2423016-BLK1)							Prepared: 0	6/03/24 A	nalyzed: 06/06/24
Benzene	ND	0.0250					-		-
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.50		8.00		93.8	70-130			
LCS (2423016-BS1)							Prepared: 0	6/03/24 A	analyzed: 06/06/24
Benzene	4.88	0.0250	5.00		97.7	70-130			
Ethylbenzene	4.69	0.0250	5.00		93.8	70-130			
Toluene	4.80	0.0250	5.00		96.0	70-130			
p-Xylene	4.67	0.0250	5.00		93.4	70-130			
o,m-Xylene	9.49	0.0500	10.0		94.9	70-130			
Total Xylenes	14.2	0.0250	15.0		94.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.47		8.00		93.3	70-130			
LCS Dup (2423016-BSD1)							Prepared: 0	6/03/24 A	analyzed: 06/06/24
Benzene	4.64	0.0250	5.00		92.8	70-130	5.16	20	
Ethylbenzene	4.48	0.0250	5.00		89.5	70-130	4.65	20	
Toluene	4.57	0.0250	5.00		91.3	70-130	4.95	20	
p-Xylene	4.48	0.0250	5.00		89.6	70-130	4.22	20	
p,m-Xylene	9.09	0.0500	10.0		90.9	70-130	4.36	20	
Total Xylenes	13.6	0.0250	15.0		90.4	70-130	4.31	20	
Surrogate: 4-Bromochlorobenzene-PID	7.46		8.00		93.3	70-130			



# **QC Summary Data**

Chevron		Project Name:	N	eff 11-13					Reported:
322 Road 3100		Project Number	: 23	3077-0001					
Aztec NM, 87410		Project Manager	r: E	rick Herrera					6/7/2024 2:28:57PM
	No	nhalogenated	Organics	by EPA 80	15D - G	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2423016-BLK1)							Prepared: 0	6/03/24 A	nalyzed: 06/06/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.90		8.00		98.8	70-130			
LCS (2423016-BS2)							Prepared: 0	6/03/24 A	analyzed: 06/06/24
Gasoline Range Organics (C6-C10)	47.1	20.0	50.0		94.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.93		8.00		99.1	70-130			
LCS Dup (2423016-BSD2)							Prepared: 0	6/03/24 A	analyzed: 06/06/24
Gasoline Range Organics (C6-C10)	48.8	20.0	50.0		97.6	70-130	3.58	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.93		8.00		99.1	70-130			



# QC Summary Data

Chevron		Project Name:	Ne	eff 11-13					Reported:
322 Road 3100		Project Number:	23	077-0001					
Aztec NM, 87410		Project Manager:	Er	ick Herrera					6/7/2024 2:28:57PM
	Nonha	alogenated Org	anics by ]	EPA 8015I	) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2423058-BLK1)							Prepared: 0	6/05/24 A	analyzed: 06/05/24
							i reparear o	0.00.2.1	mary2ea. 00/05/24
Diesel Range Organics (C10-C28)	ND	25.0					Troparoan o		maryzed. 00/03/24
	ND ND	25.0 50.0					Troparcan of		mary2ed. 00/03/24
Oil Range Organics (C28-C36)			50.0		112	50-200			indiy200.00/05/24
Oil Range Organics (C28-C36) Surrogate: n-Nonane	ND		50.0		112	50-200			analyzed: 06/05/24
Oil Range Organics (C28-C36) Surrogate: n-Nonane LCS (2423058-BS1)	ND		50.0		112	<i>50-200</i> 38-132			
Dil Range Organics (C28-C36) Surrogate: n-Nonane LCS (2423058-BS1) Diesel Range Organics (C10-C28)	ND 56.0	50.0							
Dil Range Organics (C28-C36) Surrogate: n-Nonane LCS (2423058-BS1) Diesel Range Organics (C10-C28) Surrogate: n-Nonane	ND 56.0 311	50.0	250		124	38-132	Prepared: 00	6/05/24 A	
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36) Surrogate: n-Nonane LCS (2423058-BS1) Diesel Range Organics (C10-C28) Surrogate: n-Nonane LCS Dup (2423058-BSD1) Diesel Range Organics (C10-C28)	ND 56.0 311	50.0	250		124	38-132	Prepared: 00	6/05/24 A	analyzed: 06/05/24


# **QC Summary Data**

		•		v					
Chevron		Project Name:	N	eff 11-13					Reported:
322 Road 3100		Project Number:	23	3077-0001					
Aztec NM, 87410		Project Manager:	: Ei	rick Herrera					6/7/2024 2:28:57PM
		Anions	by EPA 3	<b>300.0/9056</b> A	۸				Analyst: WF
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2423038-BLK1)							Prepared: 0	6/04/24 <i>A</i>	Analyzed: 06/04/24
Chloride	ND	20.0							
LCS (2423038-BS1)							Prepared: 0	6/04/24 A	Analyzed: 06/04/24
Chloride	249	20.0	250		99.6	90-110			
LCS Dup (2423038-BSD1)							Prepared: 0	6/04/24 A	Analyzed: 06/04/24
Chloride	248	20.0	250		99.1	90-110	0.510	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



# **Definitions and Notes**

_				
	Chevron	Project Name:	Neff 11-13	
	322 Road 3100	Project Number:	23077-0001	Reported:
	Aztec NM, 87410	Project Manager:	Erick Herrera	06/07/24 14:28

ND Analyte NOT DETECTED at or above the report	orting limit
--	--------------

- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Reproject Information

Project Ir	formation				Chai	in of Custody												I	Page 1 of
Client: Cl	nevron USA, li	nc			Bill To		1800		la	hUs	e On	lv				TA	T		rogram
	me: Amy Barr				Attention: Erick Herrera		Lab	WO#			Job		ber	1D	2D	3D	Standard	CWA	SDWA
	lanager: Erick				Address: 13000 W County Rd 100		EL	106	00	7	1.01.10.10.000		-0001				5 day TAT		
Project: I	Neff 11-13				City, State, Zip: Midland, TX, 7971	1							d Metho						RCRA
	oject #: 16740				Phone: (432)563-2200	Colona In		by											
Phone: (432)305-6416			Email: erick@etechenv.com, joseph@	@etechenv.com		ORC					1.1					State			
	ick@etechen				Company Name: Etech Environmental &	Safety Solutions		DRO/	21	00	0	0.00		WN		¥	NM CO	UT AZ	TX
Collected	by: Edyte Ko	nan			Incident ID: nAPP2227367047		(ft.)	RO/I	y 80	y 82(	s 601	de 3(							
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC		GDOC		Remarks	
10:00	5/30/2024	S	1		BH01		0.5'							X					
10:10	5/30/2024	S	1		BH01	2	1'							X					
10:20	5/30/2024	S	1		BH02	3	0.5'							X					
10:30	5/30/2024	S	1		BH02	* <b>4</b>	1'							x					
10:40	5/30/2024	S	1		BH03	5	0.5'							x					
10:50	5/30/2024	S	1		BH03	6	1'							х					
11:00	5/30/2024	S	1		BH04	7	0.5'							x					
11:10	5/30/2024	S	1		BH04	8	1'							х					
11:20	5/30/2024	S	1		BH05	9	0.5'							x					
11:30	5/30/2024	S	1		BH05	10	1'							x					
Addition	al Instructior	is:																	
12 24 3				of this sample. 1 an be grounds for legal	n aware that tampering with or intentionally mislabe action. Sampled by:	elling the sample locati	on,				A COLORADO		and the second second	200-100 100 100 100 100 100 100 100 100 1			eceived on ice the da less than 6 °C on sub	Macana Marcana , Sanas	et contraction and a second
Relinquish	ed by: (Signature	2)	Date DS	131/24 Time	30 Received by: (Signature)	Date 5.31.2	+	Time 9	30		Rece	eived	on ice:	-	ab U	se On I	lly		
Relinquish	ed by. (Signature	Jarbe	Date	Time	Received by: (Signature)	Date Del03t	24		300	>	T1			T2			<u>T3</u>		
Relinquist	ed by: (Signature	5	Date	Time	Received by: (Signature)	Date		Time			AVG	Tem	p°C_	Ŧ					
Sample Mat	rix: <b>S</b> - Soil, <b>Sd</b> - So	lid, Sg - Slud	ge, <b>A</b> - Aqueo	ous, O - Other		Container Typ	e: <b>g -</b> g	lass,	<b>p</b> - po	ly/pl	astic,	ag - a	amber g	ass, v	- VOA	4			
					ess other arrangements are made. Hazardous his COC. The liability of the laboratory is limite						sed of	at the	client ex	pense.	The	report	for the analysis	of the abov	ve samples is
					Pag	ge 20 of 21			(	22	3		e	n	V	i	rot	e	ch

#### **Envirotech Analytical Laboratory**

#### Sample Receipt Checklist (SRC)

Client: Chevron		Date Received:	06/03/24 08:0	0	Work Order ID:	E406007
Phone: (505)326-26	57	Date Logged In:	06/03/24 11:1	9	Logged In By:	Angelina Pineda
Email:		Due Date:	06/10/24 17:0	0 (5 day TAT)		
Chain of Custody (C	<u>OC)</u>					
1. Does the sample ID	match the COC?		Yes			
2. Does the number of	f samples per sampling site location	match the COC	Yes			
3. Were samples drop	ped off by client or carrier?		Yes	Carrier: Courier		
4. Was the COC comp	blete, i.e., signatures, dates/times, re	equested analyses?	Yes			
Note: Analy	ceived within holding time? sis, such as pH which should be conduc		Yes		Common	ts/Resolution
· · · · · · · · · · · · · · · · · · ·	te hold time, are not included in this dist	ucssion.			Commen	ts/ Resolution
Sample Turn Around		10				
	ate standard TAT, or Expedited TAT	?	Yes			
Sample Cooler						
7. Was a sample coole			Yes			
•	eceived in good condition?		Yes			
	received intact, i.e., not broken?		Yes			
10. Were custody/secu	arity seals present?		No			
11. If yes, were custod	ly/security seals intact?		NA			
	ived on ice? If yes, the recorded temp is nal preservation is not required, if sampl		Yes			
	ecord the temperature. Actual sar	nple temperature: 4°	C			
Sample Container			-			
14. Are aqueous VOC	samples present?		No			
-	collected in VOA Vials?		NA			
-	ess than 6-8 mm (pea sized or less)	?	NA			
-	ΓB) included for VOC analyses?		NA			
	ples collected in the correct contain	ners?	Yes			
	olume/weight or number of sample co		Yes			
Field Label	oranie, weight of number of sumple ee	situmers concerca.	105			
	labels filled out with the minimum	information:				
Sample ID?			Yes			
Date/Time Co	llected?		Yes			
Collectors nar	ne?		Yes			
Sample Preservation						
	field labels indicate the samples we	re preserved?	No			
22. Are sample(s) cor			NA			
24. Is lab filteration re	equired and/or requested for dissolv	ed metals?	No			
<u>Multiphase Sample N</u>						
26. Does the sample h	ave more than one phase, i.e., mult	iphase?	No			
27. If yes, does the CO	DC specify which phase(s) is to be a	analyzed?	NA			
Subcontract Laborat	tory_					
28. Are samples requi	tory red to get sent to a subcontract labor laboratory specified by the client a		No			

Signature of client authorizing changes to the COC or sample disposition.



envirotech Inc.

-



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





# envirotech

**Practical Solutions for a Better Tomorrow** 

# **Analytical Report**

Chevron, USA

Project Name: Neff11-13

Work Order: E410232

Job Number: 23077-0001

Received: 10/21/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/24/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 10/24/24

Erick Herrera 6301 Deauville Blvd Midland, TX 79706

Project Name: Neff11-13 Workorder: E410232 Date Received: 10/21/2024 7:30:00AM

Erick Herrera,



Page 114 of 178

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/21/2024 7:30:00AM, under the Project Name: Neff11-13.

The analytical test results summarized in this report with the Project Name: Neff11-13 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

Michelle Gonzales Client Representative Office: 505-421-LABS(5227) Cell: 505-947-8222 mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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#### **Sample Summary**

		Sample Sum	mai y		
Chevron, USA 6301 Deauville Blvd Midland TX, 79706		Project Name: Project Number: Project Manager:	Neff11-13 23077-0001 Erick Herrera		<b>Reported:</b> 10/24/24 10:16
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
3H06 0.5'	E410232-01A	Soil	10/17/24	10/21/24	Glass Jar, 2 oz.
3H06 1'	E410232-02A	Soil	10/17/24	10/21/24	Glass Jar, 2 oz.
3H07 0.5'	E410232-03A	Soil	10/17/24	10/21/24	Glass Jar, 2 oz.
3H07 1'	E410232-04A	Soil	10/17/24	10/21/24	Glass Jar, 2 oz.
3H08 0.5'	E410232-05A	Soil	10/17/24	10/21/24	Glass Jar, 2 oz.
3H08 1'	E410232-06A	Soil	10/17/24	10/21/24	Glass Jar, 2 oz.
3H09 0.5'	E410232-07A	Soil	10/17/24	10/21/24	Glass Jar, 2 oz.
3H09 1'	E410232-08A	Soil	10/17/24	10/21/24	Glass Jar, 2 oz.
3H10 0.5'	E410232-09A	Soil	10/17/24	10/21/24	Glass Jar, 2 oz.
BH10 1'	E410232-10A	Soil	10/17/24	10/21/24	Glass Jar, 2 oz.
3H11 0.5'	E410232-11A	Soil	10/17/24	10/21/24	Glass Jar, 2 oz.
BH11 1'	E410232-12A	Soil	10/17/24	10/21/24	Glass Jar, 2 oz.
3H12 0.5'	E410232-13A	Soil	10/17/24	10/21/24	Glass Jar, 2 oz.
BH12 1'	E410232-14A	Soil	10/17/24	10/21/24	Glass Jar, 2 oz.
3H13 0.5'	E410232-15A	Soil	10/17/24	10/21/24	Glass Jar, 2 oz.
3H13 1'	E410232-16A	Soil	10/17/24	10/21/24	Glass Jar, 2 oz.
3H14 0.5'	E410232-17A	Soil	10/17/24	10/21/24	Glass Jar, 2 oz.
3H14 1'	E410232-18A	Soil	10/17/24	10/21/24	Glass Jar, 2 oz.



	D	ampic D	ata			
Chevron, USA 6301 Deauville Blvd	Project Name: Project Numb		f11-13 77-0001			Reported:
Midland TX, 79706	Project Manag	ger: Eric	k Herrera			10/24/2024 10:16:06AM
		BH06 0.5'				
		E410232-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: CG		Batch: 2443021
Benzene	ND	0.0250	1	10/21/24	10/21/24	
Ethylbenzene	ND	0.0250	1	10/21/24	10/21/24	
Toluene	ND	0.0250	1	10/21/24	10/21/24	
-Xylene	ND	0.0250	1	10/21/24	10/21/24	
o,m-Xylene	ND	0.0500	1	10/21/24	10/21/24	
Fotal Xylenes	ND	0.0250	1	10/21/24	10/21/24	
urrogate: 4-Bromochlorobenzene-PID		89.9 %	70-130	10/21/24	10/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: CG		Batch: 2443021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/24	10/21/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	10/21/24	10/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2443016
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/24	10/21/24	
Dil Range Organics (C28-C36)	ND	50.0	1	10/21/24	10/21/24	
urrogate: n-Nonane		98.3 %	50-200	10/21/24	10/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: WF		Batch: 2443025
Chloride	ND	20.0	1	10/21/24	10/21/24	





# Sample Data

	3	ample D	ata			
Chevron, USA	Project Name		î11-13			
6301 Deauville Blvd	Project Numb		77-0001			Reported:
Midland TX, 79706	Project Mana	ger: Eric	k Herrera			10/24/2024 10:16:06AM
		BH06 1'				
		E410232-02				
		Reporting				
Analyte	Result	Limit	Dilutior	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: CG		Batch: 2443021
Benzene	ND	0.0250	1	10/21/24	10/21/24	
Ethylbenzene	ND	0.0250	1	10/21/24	10/21/24	
Toluene	ND	0.0250	1	10/21/24	10/21/24	
o-Xylene	ND	0.0250	1	10/21/24	10/21/24	
p,m-Xylene	ND	0.0500	1	10/21/24	10/21/24	
Total Xylenes	ND	0.0250	1	10/21/24	10/21/24	
Surrogate: 4-Bromochlorobenzene-PID		90.4 %	70-130	10/21/24	10/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: CG		Batch: 2443021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/24	10/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.5 %	70-130	10/21/24	10/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2443016
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/24	10/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/24	10/21/24	
Surrogate: n-Nonane		102 %	50-200	10/21/24	10/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: WF		Batch: 2443025
Chloride	ND	20.0	1	10/21/24	10/21/24	



# Sample Data

Chevron, USA         Project Name:         Neff11-13           6301 DeauVille BIVd         Project Number:         23077-0001         Reported:           Midland TX, 79706         Project Manager:         Erick Herrera         10/24/2024 10:160           BH07 0.5'           E410232-03           Reporting           Analyte         Result         Limit         Dilution         Prepared         Analyzed         Notes           Volatile Organics by EPA 8021B         mg/kg         mg/kg         Analyst: CG         Batch: 2443021           Benzene         ND         0.0250         1         10/21/24         10/22/24           Ethylbenzene         ND         0.0250         1         10/21/24         10/22/24           Folgene         ND         0.0250         1         10/21/24         10/22/24           Journe         ND         0.0250         1         10/21/24         10/22/24           o-Xylene         ND         0.0500         1         10/21/24         10/22/24           Surrogate: 4-Bromochlorobenzene-PID         90.9 %         70-130         10/21/24         10/22/24           Surrogate: 4-Bromochlorobenzene-FID         92.1 %         70-130		25	ample D	ลเล			
Midland TX, 79706         Project Manager:         Erick Herrera         10/24/2024         10/24/2024         10/24/2024         10/24/2024         10/24/2024         10/24/2024         10/24/2024         10/24/2024         10/24/2024         10/24/2024         10/24/2024         10/24/2024         10/24/2024         10/24/2024         10/24/2024         10/24/2024         10/24/2024         10/24/2024         10/24/2024         Notes           Analyte         Result         Limit         Dilution         Prepared         Analyzed         Notes         Notes           Stanzene         ND         0.0250         1         10/21/24         10/22/24         10/22/24           Sourcene         ND         0.0250         1         10/21/24         10/22/24         10/22/24           Followene         ND         0.0250         1         10/21/24         10/22/24         10/22/24           Sourceate:         ND         0.0250         1         10/21/24         10/22/24         10/22/24         10/22/24         10/22/24         10/22/24         10/22/24         10/22/24         10/22/24         10/22/24         10/22/24         10/22/24         10/22/24         10/22/24         10/22/24         10/22/24         10/22/24         10/22/24         10/22/24	Chevron, USA	Project Name:	Nef	f11-13			
BillO7 0.5' E410232-03         BillO7 0.5' E410232-03           Analyte         Reporting Reporting         Analyzed         Notes           Analyte         Result         Limit         Dilution         Prepared         Analyzed         Notes           Structure         ND         0.0250         1         10/21/24         10/22/24         Batch: 2443021           Senzene         ND         0.0250         1         10/21/24         10/22/24         Senzene         Senzene         ND         0.0250         1         10/21/24         10/22/24         Senzene         Senzene         ND         0.0250         1         10/21/24         10/22/24         Senzene	6301 Deauville Blvd	Project Numbe	er: 230'	77-0001			Reported:
E410232-05           Analyte         Result         Itimit         Dilution         Prepared         Analyzed         Notes           Volatile Organics by EPA 8021B         mg/kg         mg/kg         Analyst:         F         Batch: 2443021           Benzene         ND         0.0250         1         10/21/24         10/22/44           Edhylbenzene         ND         0.0250         1         10/21/24         10/22/44           Foluene         ND         0.0250         1         10/21/24         10/22/44           Sylpene         ND         0.0250         1         10/21/24         10/22/44           Sylpene         ND         0.0250         1         10/21/24         10/22/44           Startogate: 4-Bromochlorobenzene-PID         ND         0.0250         1         10/21/24         10/22/44           Startogate: 4-Bromochlorobenzene-FID         ND         0.0250         1         10/21/24         10/22/24           Startogate: 1-Chloro-4-fluorobenzene-FID         ND         0.02.04         1         10/21/24         10/22/24           Startogate: 1-Chloro-4-fluorobenzene-FID         ND         20.0         1         10/21/24         10/22/24           Startogate: 1-Chloro-	Midland TX, 79706	Project Manag	ger: Eric	k Herrera			10/24/2024 10:16:06AM
Analyte         Reporting Limit         Dilution         Prepared         Analyzed         Notes           Volatile Organics by EPA 8021B         mg/kg         mg/kg         Analyst: CG         Batch: 2443021           Benzene         ND         0.0250         1         10/21/24         10/22/24           Ethylbenzene         ND         0.0250         1         10/21/24         10/22/24           Foliene         ND         0.0250         1         10/21/24         10/22/24           -Skylene         ND         0.0250         1         10/21/24         10/22/24           -Skylene         ND         0.0250         1         10/21/24         10/22/24           obal Xylenes         ND         0.0500         1         10/21/24         10/22/24           Surrogate: 4-Bromochlorobenzene-PID         90.9 %         70-130         10/21/24         10/22/24           Surrogate: 1-Chloro-4-fluorobenzene-FID         92.1 %         70-130         10/21/24         10/22/24           Surrogate: 1-Chloro-4-fluorobenzene-FID         92.1 %         70-130         10/21/24         10/22/24           Nohalogenated Organics (C10-C28)         ND         25.0         1         10/21/24         10/21/24 <t< td=""><td></td><td></td><td>BH07 0.5'</td><td></td><td></td><td></td><td></td></t<>			BH07 0.5'				
Analyte         Result         Limit         Dilution         Prepared         Analyzed         Notes           Volatile Organics by EPA 8021B         mg/kg         mg/kg         mg/kg         Analyst: CF         Batch: 2443021           Benzene         ND         0.0250         1         10/21/24         10/22/24           Ethylbenzene         ND         0.0250         1         10/21/24         10/22/24           Followne         ND         0.0250         1         10/21/24         10/22/24           o-Xylene         ND         0.0250         1         10/21/24         10/22/24           o-Xylene         ND         0.0250         1         10/21/24         10/22/24           o-Xylene         ND         0.0250         1         10/21/24         10/22/24           Surrogate: 4-Bromochlorobenzene-PID         90.9 %         70-130         10/21/24         10/22/24           Surrogate: 1-Chloro-4-fluorobenzene-FID         90.9 %         70-130         10/21/24         10/22/24           Surrogate: 1-Chloro-4-fluorobenzene-FID         92.1 %         70-130         10/21/24         10/22/24           Surrogate: 1-Chloro-4-fluorobenzene-FID         92.1 %         70-130         10/21/24         10/22/24			E410232-03				
Volatile Organics by EPA 8021B         mg/kg         mg/kg         Analyst: CG         Batch: 2443021           Benzene         ND         0.0250         1         10/21/24         10/22/24           Ethylbenzene         ND         0.0250         1         10/21/24         10/22/24           Toluene         ND         0.0250         1         10/21/24         10/22/24           o-Xylene         ND         0.0250         1         10/21/24         10/22/24           Surrogate: 4-Bromochlorobenzene-PID         90.9 %         70-130         10/21/24         10/22/24           Nonhalogenated Organics by EPA 8015D - GRO         mg/kg         mg/kg         Analyst: CG         Batch: 2443021           Surrogate: 1-Chloro-4-fluorobenzene-FID         92.1 %         70-130         10/21/24         10/22/24           Nonhalogenated Organics by EPA 8015D - DRO/ORO         mg/kg         mg/kg         Analyst: NV         Batch: 2443016           Die			Reporting				
Normal Conganics by EITRODED         D 0	Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Ethylbenzene       ND       0.0250       1       10/21/24       10/22/24         Foluene       ND       0.0250       1       10/21/24       10/22/24         o-Xylene       ND       0.0250       1       10/21/24       10/22/24         o-Xylene       ND       0.0250       1       10/21/24       10/22/24         o,m-Xylene       ND       0.0250       1       10/21/24       10/22/24         fotal Xylenes       ND       0.0250       1       10/21/24       10/22/24         Surrogate: 4-Bromochlorobenzene-PID       90.9 %       70-130       10/21/24       10/22/24         Nonhalogenated Organics by EPA 8015D - GRO       mg/kg       mg/kg       Analyst: CG       Batch: 2443021         Gasoline Range Organics (C6-C10)       ND       20.0       1       10/21/24       10/22/24         Surrogate: 1-Chloro-4-filuorobenzene-FID       92.1 %       70-130       10/21/24       10/22/24         Nonhalogenated Organics (C10-C28)       ND       25.0       1       10/21/24       10/21/24         Oil Range Organics (C28-C36)       ND       50.0       1       10/21/24       10/21/24         Surrogate: n-Nonane       92.8 %       50-200       10/21/24       10	Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: CG		Batch: 2443021
Find any of the find the strength of the streng	Benzene	ND	0.0250	1	10/21/24	10/22/24	
ND       0.0250       1       10/21/24       10/22/24         o-Xylene       ND       0.0500       1       10/21/24       10/22/24         o,m-Xylene       ND       0.0500       1       10/21/24       10/22/24         fotal Xylenes       ND       0.0250       1       10/21/24       10/22/24         Surrogate: 4-Bromochlorobenzene-PID       90.9 %       70-130       10/21/24       10/22/24         Nonhalogenated Organics by EPA 8015D - GRO       mg/kg       mg/kg       Analyst: C       Batch: 2443021         Gasoline Range Organics (C6-C10)       ND       20.0       1       10/21/24       10/22/24         Nonhalogenated Organics by EPA 8015D - DRO/ORO       mg/kg       mg/kg       Analyst: V       Batch: 2443021         Surrogate: 1-Chloro-4-fluorobenzene-FID       92.1 %       70-130       10/21/24       10/22/24         Nonhalogenated Organics by EPA 8015D - DRO/ORO       mg/kg       mg/kg       Analyst: NV       Batch: 2443016         Diesel Range Organics (C10-C28)       ND       25.0       1       10/21/24       10/21/24         Dil Range Organics (C28-C36)       ND       50.0       1       10/21/24       10/21/24         Surrogate: n-Nonane       92.8 %       50-200	Ethylbenzene	ND	0.0250	1	10/21/24	10/22/24	
Nylene       ND       0.0500       1       10/21/24       10/22/24         Fotal Xylenes       ND       0.0250       1       10/21/24       10/22/24         Surrogate: 4-Bromochlorobenzene-PID       90.9 %       70-130       10/21/24       10/22/24         Nonhalogenated Organics by EPA 8015D - GRO       mg/kg       mg/kg       Analyst: CG       Batch: 2443021         Gasoline Range Organics (C6-C10)       ND       20.0       1       10/21/24       10/22/24         Wonhalogenated Organics by EPA 8015D - DRO/ORO       mg/kg       mg/kg       Analyst: V       Batch: 2443021         Surrogate: 1-Chloro-4-fluorobenzene-FID       92.1 %       70-130       10/21/24       10/22/24         Nonhalogenated Organics by EPA 8015D - DRO/ORO       mg/kg       mg/kg       Analyst: NV       Batch: 2443016         Diesel Range Organics (C10-C28)       ND       25.0       1       10/21/24       10/21/24         Dil Range Organics (C28-C36)       ND       50.0       1       10/21/24       10/21/24         Surrogate: n-Nonane       92.8 %       50-200       10/21/24       10/21/24         Anions by EPA 300.0/9056A       mg/kg       mg/kg       Analyst: WF       Batch: 2443025 <td>Toluene</td> <td>ND</td> <td>0.0250</td> <td>1</td> <td>10/21/24</td> <td>10/22/24</td> <td></td>	Toluene	ND	0.0250	1	10/21/24	10/22/24	
ND       0.0000         Fordal Xylenes       ND       0.0250       1       10/21/24       10/22/24         Surrogate: 4-Bromochlorobenzene-PID       90.9 %       70-130       10/21/24       10/22/24         Nonhalogenated Organics by EPA 8015D - GRO       mg/kg       mg/kg       Analyst: CG       Batch: 2443021         Gasoline Range Organics (C6-C10)       ND       20.0       1       10/21/24       10/22/24         Surrogate: 1-Chloro-4-fluorobenzene-FID       92.1 %       70-130       10/21/24       10/22/24         Nonhalogenated Organics by EPA 8015D - DRO/ORO       mg/kg       mg/kg       Analyst: NV       Batch: 2443016         Diesel Range Organics (C10-C28)       ND       25.0       1       10/21/24       10/21/24         Dil Range Organics (C28-C36)       ND       50.0       1       10/21/24       10/21/24         Surrogate: n-Nonane       92.8 %       50-200       10/21/24       10/21/24         Anions by EPA 300.0/9056A       mg/kg       mg/kg       mg/kg       Analyst: WF       Batch: 2443025	o-Xylene	ND	0.0250	1	10/21/24	10/22/24	
Non-halogenated Organics by EPA 8015D - GRO       mg/kg       mg/kg       Analyst: CG       Batch: 2443021         Gasoline Range Organics (C6-C10)       ND       20.0       1       10/21/24       10/22/24         Surrogate: 1-Chloro-4-fluorobenzene-FID       92.1 %       70-130       10/21/24       10/22/24         Nonhalogenated Organics by EPA 8015D - DRO/ORO       mg/kg       mg/kg       Analyst: NV       Batch: 2443016         Surrogate: 1-Chloro-4-fluorobenzene-FID       92.1 %       70-130       10/21/24       10/22/24         Nonhalogenated Organics (C10-C28)       ND       25.0       1       10/21/24       10/21/24         Dil Range Organics (C28-C36)       ND       50.0       1       10/21/24       10/21/24         Surrogate: n-Nonane       92.8 %       50-200       10/21/24       10/21/24         Anions by EPA 300.0/9056A       mg/kg       mg/kg       Analyst: WF       Batch: 2443025	o,m-Xylene	ND	0.0500	1	10/21/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - GRO         mg/kg         mg/kg         Analyst: CG         Batch: 2443021           Gasoline Range Organics (C6-C10)         ND         20.0         1         10/21/24         10/22/24           Surrogate: 1-Chloro-4-fluorobenzene-FID         92.1 %         70-130         10/21/24         10/22/24           Nonhalogenated Organics by EPA 8015D - DRO/ORO         mg/kg         mg/kg         Analyst: V         Batch: 2443016           Diesel Range Organics (C10-C28)         ND         25.0         1         10/21/24         10/21/24           Dil Range Organics (C28-C36)         ND         50.0         1         10/21/24         10/21/24           Surrogate: n-Nonane         92.8 %         50-200         10/21/24         10/21/24           Anions by EPA 300.0/9056A         mg/kg         mg/kg         mg/kg         Analyst: WF         Batch: 2443025	Fotal Xylenes	ND	0.0250	1	10/21/24	10/22/24	
Gasoline Range Organics (C6-C10)       ND       20.0       1       10/21/24       10/22/24         Surrogate: 1-Chloro-4-fluorobenzene-FID       92.1 %       70-130       10/21/24       10/22/24         Nonhalogenated Organics by EPA 8015D - DRO/ORO       mg/kg       mg/kg       Analyst: NV       Batch: 2443016         Diesel Range Organics (C10-C28)       ND       25.0       1       10/21/24       10/21/24         Dil Range Organics (C28-C36)       ND       50.0       1       10/21/24       10/21/24         Surrogate: n-Nonane       92.8 %       50-200       10/21/24       10/21/24         Anions by EPA 300.0/9056A       mg/kg       mg/kg       Malyst: WF       Batch: 2443025	Surrogate: 4-Bromochlorobenzene-PID		90.9 %	70-130	10/21/24	10/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID       92.1 %       70-130       10/21/24       10/22/24         Nonhalogenated Organics by EPA 8015D - DRO/ORO       mg/kg       mg/kg       Analyst: NV       Batch: 2443016         Diesel Range Organics (C10-C28)       ND       25.0       1       10/21/24       10/21/24         Dil Range Organics (C28-C36)       ND       50.0       1       10/21/24       10/21/24         Surrogate: n-Nonane       92.8 %       50-200       10/21/24       10/21/24         Anions by EPA 300.0/9056A       mg/kg       mg/kg       mg/kg       Analyst: WF       Batch: 2443025	Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: CG		Batch: 2443021
Nonhalogenated Organics by EPA 8015D - DRO/ORO         mg/kg         mg/kg         Analyst: NV         Batch: 2443016           Diesel Range Organics (C10-C28)         ND         25.0         1         10/21/24         10/21/24           Dil Range Organics (C28-C36)         ND         50.0         1         10/21/24         10/21/24           Surrogate: n-Nonane         92.8 %         50-200         10/21/24         10/21/24           Anions by EPA 300.0/9056A         mg/kg         mg/kg         Analyst: WF         Batch: 2443025	Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/24	10/22/24	
ND         25.0         1         10/21/24         10/21/24           Diesel Range Organics (C10-C28)         ND         50.0         1         10/21/24         10/21/24           Dil Range Organics (C28-C36)         ND         50.0         1         10/21/24         10/21/24           Surrogate: n-Nonane         92.8 %         50-200         10/21/24         10/21/24           Anions by EPA 300.0/9056A         mg/kg         mg/kg         Analyst: WF         Batch: 2443025	Surrogate: 1-Chloro-4-fluorobenzene-FID		92.1 %	70-130	10/21/24	10/22/24	
Dil Range Organics (C28-C36)     ND     50.0     1     10/21/24       Dirrogate: n-Nonane     92.8 %     50-200     10/21/24       Mainer by EPA 300.0/9056A     mg/kg     mg/kg     Analyst: WF     Batch: 2443025	Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2443016
Shi Range Organis (020 050)       Shi Range Organis (020 050)       Shi rogate: n-Nonane     92.8 %     50-200     10/21/24       Anions by EPA 300.0/9056A     mg/kg     mg/kg     Analyst: WF     Batch: 2443025	Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/24	10/21/24	
Anions by EPA 300.0/9056A         mg/kg         mg/kg         Analyst: WF         Batch: 2443025		ND	50.0	1	10/21/24	10/21/24	
	Surrogate: n-Nonane		92.8 %	50-200	10/21/24	10/21/24	
ND         20.0         1         10/21/24         10/21/24	Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: WF		Batch: 2443025
	Chloride	ND	20.0	1	10/21/24	10/21/24	



# Sample Data

	Di	ample D	ala			
Chevron, USA	Project Name:	Nef	11-13			
6301 Deauville Blvd	Project Numbe	er: 230'	77-0001			Reported:
Midland TX, 79706	Project Manag	ger: Eric	k Herrera			10/24/2024 10:16:06AM
		BH07 1'				
		E410232-04				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	А	.nalyst: CG		Batch: 2443021
Benzene	ND	0.0250	1	10/21/24	10/22/24	
thylbenzene	ND	0.0250	1	10/21/24	10/22/24	
°oluene	ND	0.0250	1	10/21/24	10/22/24	
-Xylene	ND	0.0250	1	10/21/24	10/22/24	
,m-Xylene	ND	0.0500	1	10/21/24	10/22/24	
otal Xylenes	ND	0.0250	1	10/21/24	10/22/24	
urrogate: 4-Bromochlorobenzene-PID		91.1 %	70-130	10/21/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	.nalyst: CG		Batch: 2443021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/24	10/22/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		92.9 %	70-130	10/21/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	.nalyst: NV		Batch: 2443016
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/24	10/21/24	
Dil Range Organics (C28-C36)	ND	50.0	1	10/21/24	10/21/24	
urrogate: n-Nonane		103 %	50-200	10/21/24	10/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	.nalyst: WF		Batch: 2443025
Chloride	ND	20.0	1	10/21/24	10/21/24	



# Sample Data

	Di	ample D	ala				
Chevron, USA	Project Name:	Nefl	f11-13				
6301 Deauville Blvd	Project Numbe	er: 230'	77-0001		Reported:		
Midland TX, 79706	Project Manag	ger: Eric	k Herrera				10/24/2024 10:16:06AM
		BH08 0.5'					
		E410232-05					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: C	CG		Batch: 2443021
Benzene	ND	0.0250	1		10/21/24	10/22/24	
thylbenzene	ND	0.0250	1		10/21/24	10/22/24	
oluene	ND	0.0250	1		10/21/24	10/22/24	
-Xylene	ND	0.0250	1		10/21/24	10/22/24	
,m-Xylene	ND	0.0500	1		10/21/24	10/22/24	
otal Xylenes	ND	0.0250	1		10/21/24	10/22/24	
urrogate: 4-Bromochlorobenzene-PID		90.2 %	70-130		10/21/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: C	CG		Batch: 2443021
Gasoline Range Organics (C6-C10)	ND	20.0	1		10/21/24	10/22/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		92.0 %	70-130		10/21/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: N	١V		Batch: 2443016
Diesel Range Organics (C10-C28)	ND	25.0	1		10/21/24	10/21/24	
Dil Range Organics (C28-C36)	ND	50.0	1		10/21/24	10/21/24	
urrogate: n-Nonane		105 %	50-200		10/21/24	10/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: V	VF		Batch: 2443025
Chloride	ND	20.0	1		10/21/24	10/21/24	



# Sample Data

	3	ample D	ata			
Chevron, USA	Project Name:	: Nef	f11-13			
6301 Deauville Blvd	Project Numb	er: 230	77-0001			Reported:
Midland TX, 79706	Project Manag	ger: Eric	k Herrera			10/24/2024 10:16:06AM
		BH08 1'				
		E410232-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: CG		Batch: 2443021
Benzene	ND	0.0250	1	10/21/24	10/22/24	
Ethylbenzene	ND	0.0250	1	10/21/24	10/22/24	
Toluene	ND	0.0250	1	10/21/24	10/22/24	
p-Xylene	ND	0.0250	1	10/21/24	10/22/24	
o,m-Xylene	ND	0.0500	1	10/21/24	10/22/24	
Fotal Xylenes	ND	0.0250	1	10/21/24	10/22/24	
Surrogate: 4-Bromochlorobenzene-PID		90.9 %	70-130	10/21/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: CG		Batch: 2443021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/24	10/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.4 %	70-130	10/21/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g Analyst: NV			Batch: 2443016
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/24	10/21/24	
Dil Range Organics (C28-C36)	ND	50.0	1	10/21/24	10/21/24	
Surrogate: n-Nonane		105 %	50-200	10/21/24	10/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: WF		Batch: 2443025
Chloride	ND	20.0	1	10/21/24	10/21/24	

# Sample Data

	52	ample D	ลเล			
Chevron, USA	Project Name:	Nef	f11-13			
6301 Deauville Blvd	Project Numbe	er: 230	77-0001		Reported:	
Midland TX, 79706	Project Manag	ger: Eric	k Herrera			10/24/2024 10:16:06AM
		BH09 0.5'				
		E410232-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: CG		Batch: 2443021
Benzene	ND	0.0250	1	10/21/24	10/22/24	
Ethylbenzene	ND	0.0250	1	10/21/24	10/22/24	
Toluene	ND	0.0250	1	10/21/24	10/22/24	
p-Xylene	ND	0.0250	1	10/21/24	10/22/24	
o,m-Xylene	ND	0.0500	1	10/21/24	10/22/24	
Fotal Xylenes	ND	0.0250	1	10/21/24	10/22/24	
Surrogate: 4-Bromochlorobenzene-PID		91.1 %	70-130	10/21/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: CG		Batch: 2443021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/24	10/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.5 %	70-130	10/21/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2443016
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/24	10/21/24	
Dil Range Organics (C28-C36)	ND	50.0	1	10/21/24	10/21/24	
Surrogate: n-Nonane		104 %	50-200	10/21/24	10/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: WF		Batch: 2443025
Chloride	ND	20.0	1	10/21/24	10/21/24	



# Sample Data

	D	ample D	ata			
Chevron, USA	Project Name:	Nef	f11-13			
6301 Deauville Blvd	Project Numbe	er: 230	77-0001			Reported:
Midland TX, 79706	Project Manag	ger: Eric	k Herrera			10/24/2024 10:16:06AM
		BH09 1'				
		E410232-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: CG		Batch: 2443021
Benzene	ND	0.0250	1	10/21/24	10/22/24	
Ethylbenzene	ND	0.0250	1	10/21/24	10/22/24	
Toluene	ND	0.0250	1	10/21/24	10/22/24	
p-Xylene	ND	0.0250	1	10/21/24	10/22/24	
o,m-Xylene	ND	0.0500	1	10/21/24	10/22/24	
Fotal Xylenes	ND	0.0250	1	10/21/24	10/22/24	
Surrogate: 4-Bromochlorobenzene-PID		90.2 %	70-130	10/21/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: CG		Batch: 2443021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/24	10/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.5 %	70-130	10/21/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2443016
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/24	10/22/24	
Dil Range Organics (C28-C36)	ND	50.0	1	10/21/24	10/22/24	
Surrogate: n-Nonane		102 %	50-200	10/21/24	10/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: WF		Batch: 2443025
Chloride	ND	20.0	1	10/21/24	10/21/24	

# Sample Data

	Di	ample D	ala				
Chevron, USA	Project Name:	Nefl	f11-13				
6301 Deauville Blvd	Project Numbe	er: 230'	77-0001		Reported:		
Midland TX, 79706	Project Manag	ger: Eric	k Herrera				10/24/2024 10:16:06AM
		BH10 0.5'					
		E410232-09					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: (	CG		Batch: 2443021
Benzene	ND	0.0250	1		10/21/24	10/22/24	
thylbenzene	ND	0.0250	1		10/21/24	10/22/24	
oluene	ND	0.0250	1		10/21/24	10/22/24	
-Xylene	ND	0.0250	1		10/21/24	10/22/24	
,m-Xylene	ND	0.0500	1		10/21/24	10/22/24	
otal Xylenes	ND	0.0250	1		10/21/24	10/22/24	
urrogate: 4-Bromochlorobenzene-PID		90.3 %	70-130		10/21/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: C	CG		Batch: 2443021
Gasoline Range Organics (C6-C10)	ND	20.0	1		10/21/24	10/22/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130		10/21/24	10/22/24	
onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: N	NV		Batch: 2443016
Diesel Range Organics (C10-C28)	ND	25.0	1		10/21/24	10/22/24	
Dil Range Organics (C28-C36)	ND	50.0	1		10/21/24	10/22/24	
urrogate: n-Nonane		103 %	50-200		10/21/24	10/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: V	WF		Batch: 2443025
Chloride	ND	20.0	1		10/21/24	10/21/24	



# Sample Data

	5	ample D	ลเล			
Chevron, USA	Project Name:	Nef	f11-13			
6301 Deauville Blvd	Project Numbe	er: 230	77-0001		Reported:	
Midland TX, 79706	Project Manag	ger: Eric	k Herrera			10/24/2024 10:16:06AM
		BH10 1'				
		E410232-10				
		Reporting				
Analyte	Result	Limit	Dilutior	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: CG		Batch: 2443021
Benzene	ND	0.0250	1	10/21/24	10/22/24	
Ethylbenzene	ND	0.0250	1	10/21/24	10/22/24	
Toluene	ND	0.0250	1	10/21/24	10/22/24	
o-Xylene	ND	0.0250	1	10/21/24	10/22/24	
o,m-Xylene	ND	0.0500	1	10/21/24	10/22/24	
Total Xylenes	ND	0.0250	1	10/21/24	10/22/24	
Surrogate: 4-Bromochlorobenzene-PID		90.6 %	70-130	10/21/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: CG		Batch: 2443021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/24	10/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.5 %	70-130	10/21/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2443016
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/24	10/22/24	
Dil Range Organics (C28-C36)	ND	50.0	1	10/21/24	10/22/24	
Surrogate: n-Nonane		105 %	50-200	10/21/24	10/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: WF		Batch: 2443025
Chloride	ND	20.0	1	10/21/24	10/22/24	



### Sample Data

	52	ample D	ลเล			
Chevron, USA	Project Name:	Nef	f11-13			
6301 Deauville Blvd	Project Numbe	er: 230	77-0001		Reported:	
Midland TX, 79706	Project Manag	ger: Eric	k Herrera			10/24/2024 10:16:06AM
		BH11 0.5'				
		E410232-11				
		Reporting				
Analyte	Result	Limit	Dilutior	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: CG		Batch: 2443021
Benzene	ND	0.0250	1	10/21/24	10/22/24	
Ethylbenzene	ND	0.0250	1	10/21/24	10/22/24	
Toluene	ND	0.0250	1	10/21/24	10/22/24	
o-Xylene	ND	0.0250	1	10/21/24	10/22/24	
o,m-Xylene	ND	0.0500	1	10/21/24	10/22/24	
Total Xylenes	ND	0.0250	1	10/21/24	10/22/24	
Surrogate: 4-Bromochlorobenzene-PID		89.9 %	70-130	10/21/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: CG		Batch: 2443021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/24	10/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	10/21/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2443016
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/24	10/22/24	
Dil Range Organics (C28-C36)	ND	50.0	1	10/21/24	10/22/24	
Surrogate: n-Nonane		105 %	50-200	10/21/24	10/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: WF		Batch: 2443025
Chloride	ND	20.0	1	10/21/24	10/22/24	



# Sample Data

	25	imple D	ลเล			
Chevron, USA	Project Name:	Nef	f11-13			
6301 Deauville Blvd	Project Numbe	er: 230	77-0001			Reported:
Midland TX, 79706	Project Manage	er: Eric	k Herrera			10/24/2024 10:16:06AM
		BH11 1'				
	]	E410232-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: CG		Batch: 2443021
Benzene	ND	0.0250	1	10/21/24	10/22/24	
Ethylbenzene	ND	0.0250	1	10/21/24	10/22/24	
Toluene	ND	0.0250	1	10/21/24	10/22/24	
p-Xylene	ND	0.0250	1	10/21/24	10/22/24	
o,m-Xylene	ND	0.0500	1	10/21/24	10/22/24	
Total Xylenes	ND	0.0250	1	10/21/24	10/22/24	
Surrogate: 4-Bromochlorobenzene-PID		91.0 %	70-130	10/21/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: CG		Batch: 2443021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/24	10/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.5 %	70-130	10/21/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2443016
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/24	10/22/24	
Dil Range Organics (C28-C36)	ND	50.0	1	10/21/24	10/22/24	
Surrogate: n-Nonane		104 %	50-200	10/21/24	10/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: WF		Batch: 2443025
Chloride	ND	20.0	1	10/21/24	10/22/24	



# Sample Data

	Di	ample D	ลเล				
Chevron, USA	Project Name:	Nefl	f11-13				
6301 Deauville Blvd	Project Numbe	er: 230'	77-0001		Reported:		
Midland TX, 79706	Project Manag	ger: Eric	k Herrera				10/24/2024 10:16:06AM
		BH12 0.5'					
		E410232-13					
		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	1	Analyst: C	CG		Batch: 2443021
Benzene	ND	0.0250	1		10/21/24	10/22/24	
thylbenzene	ND	0.0250	1		10/21/24	10/22/24	
oluene	ND	0.0250	1		10/21/24	10/22/24	
-Xylene	ND	0.0250	1		10/21/24	10/22/24	
,m-Xylene	ND	0.0500	1		10/21/24	10/22/24	
otal Xylenes	ND	0.0250	1		10/21/24	10/22/24	
urrogate: 4-Bromochlorobenzene-PID		91.7 %	70-130		10/21/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: C	CG		Batch: 2443021
Gasoline Range Organics (C6-C10)	ND	20.0	1		10/21/24	10/22/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		92.4 %	70-130		10/21/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: N	IV		Batch: 2443016
Diesel Range Organics (C10-C28)	ND	25.0	1		10/21/24	10/22/24	
Dil Range Organics (C28-C36)	ND	50.0	1		10/21/24	10/22/24	
urrogate: n-Nonane		107 %	50-200		10/21/24	10/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: V	WF		Batch: 2443025
Chloride	ND	20.0	1		10/21/24	10/22/24	



# Sample Data

Chevron, USA	Project Name:	Nef	f11-13			
6301 Deauville Blvd	Project Numbe	er: 230	77-0001			Reported:
Midland TX, 79706	Project Manag	ger: Eric	k Herrera			10/24/2024 10:16:06AM
		BH12 1'				
		E410232-14				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
olatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: CG		Batch: 2443021
enzene	ND	0.0250	1	10/21/24	10/22/24	
thylbenzene	ND	0.0250	1	10/21/24	10/22/24	
oluene	ND	0.0250	1	10/21/24	10/22/24	
-Xylene	ND	0.0250	1	10/21/24	10/22/24	
,m-Xylene	ND	0.0500	1	10/21/24	10/22/24	
otal Xylenes	ND	0.0250	1	10/21/24	10/22/24	
urrogate: 4-Bromochlorobenzene-PID		90.6 %	70-130	10/21/24	10/22/24	
onhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: CG		Batch: 2443021
asoline Range Organics (C6-C10)	ND	20.0	1	10/21/24	10/22/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		92.0 %	70-130	10/21/24	10/22/24	
onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2443016
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/24	10/22/24	
Dil Range Organics (C28-C36)	ND	50.0	1	10/21/24	10/22/24	
urrogate: n-Nonane		108 %	50-200	10/21/24	10/22/24	
anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: WF		Batch: 2443025
hloride	ND	20.0	1	10/21/24	10/22/24	



# Sample Data

	Sa	imple D	ata			
Chevron, USA	Project Name:	Neff	11-13			
6301 Deauville Blvd	Project Numbe	r: 2307	7-0001		Reported:	
Midland TX, 79706	Project Manage	er: Eric	k Herrera			10/24/2024 10:16:06AM
	-	BH13 0.5'				
	]	E410232-15				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	А	nalyst: CG		Batch: 2443021
Benzene	ND	0.0250	1	10/21/24	10/22/24	
Ethylbenzene	0.0403	0.0250	1	10/21/24	10/22/24	
oluene	ND	0.0250	1	10/21/24	10/22/24	
-Xylene	0.0729	0.0250	1	10/21/24	10/22/24	
,m-Xylene	0.180	0.0500	1	10/21/24	10/22/24	
Total Xylenes	0.252	0.0250	1	10/21/24	10/22/24	
urrogate: 4-Bromochlorobenzene-PID		90.8 %	70-130	10/21/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	nalyst: CG		Batch: 2443021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/24	10/22/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		91.8 %	70-130	10/21/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	nalyst: NV		Batch: 2443016
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/24	10/22/24	
Dil Range Organics (C28-C36)	ND	50.0	1	10/21/24	10/22/24	
urrogate: n-Nonane		108 %	50-200	10/21/24	10/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	nalyst: WF		Batch: 2443025
Chloride	ND	20.0	1	10/21/24	10/22/24	



# Sample Data

	25	ample D	ลเล			
Chevron, USA	Project Name:	Nef	f11-13			
6301 Deauville Blvd	Project Numbe	er: 230	77-0001			Reported:
Midland TX, 79706	Project Manag	ger: Eric	k Herrera			10/24/2024 10:16:06AM
		BH13 1'				
		E410232-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: CG		Batch: 2443021
Benzene	ND	0.0250	1	10/21/24	10/22/24	
Ethylbenzene	ND	0.0250	1	10/21/24	10/22/24	
Toluene	ND	0.0250	1	10/21/24	10/22/24	
p-Xylene	ND	0.0250	1	10/21/24	10/22/24	
o,m-Xylene	ND	0.0500	1	10/21/24	10/22/24	
Fotal Xylenes	ND	0.0250	1	10/21/24	10/22/24	
Surrogate: 4-Bromochlorobenzene-PID		91.1 %	70-130	10/21/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: CG		Batch: 2443021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/24	10/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130	10/21/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2443016
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/24	10/22/24	
Dil Range Organics (C28-C36)	ND	50.0	1	10/21/24	10/22/24	
Surrogate: n-Nonane		109 %	50-200	10/21/24	10/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: WF		Batch: 2443025
Chloride	ND	20.0	1	10/21/24	10/22/24	



# Sample Data

	50	ample D	ลเล				
Chevron, USA	Project Name:	Nefl	11-13				
6301 Deauville Blvd	Project Numbe	er: 230'	77-0001				Reported:
Midland TX, 79706	Project Manag	er: Eric	k Herrera			10/24/2024 10:16:06AM	
		BH14 0.5'					
	-	E410232-17					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	1	Analyst: C	G		Batch: 2443021
Benzene	ND	0.0250	1		10/21/24	10/22/24	
Ethylbenzene	ND	0.0250	1		10/21/24	10/22/24	
oluene	ND	0.0250	1		10/21/24	10/22/24	
-Xylene	ND	0.0250	1		10/21/24	10/22/24	
,m-Xylene	ND	0.0500	1		10/21/24	10/22/24	
Total Xylenes	ND	0.0250	1		10/21/24	10/22/24	
urrogate: 4-Bromochlorobenzene-PID		91.2 %	70-130		10/21/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: C	G		Batch: 2443021
Gasoline Range Organics (C6-C10)	ND	20.0	1		10/21/24	10/22/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130		10/21/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: N	IV		Batch: 2443016
Diesel Range Organics (C10-C28)	ND	25.0	1		10/21/24	10/22/24	
Dil Range Organics (C28-C36)	ND	50.0	1		10/21/24	10/22/24	
urrogate: n-Nonane		112 %	50-200		10/21/24	10/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: V	VF		Batch: 2443025
Chloride	118	20.0	1		10/21/24	10/22/24	



# Sample Data

	50	ample D	ala			
Chevron, USA	Project Name:	Nefl	ĩ11-13			
6301 Deauville Blvd	Project Numbe	er: 230'	7-0001			Reported:
Midland TX, 79706	Project Manag	ger: Eric	k Herrera		10/24/2024 10:16:06AM	
		BH14 1'				
		E410232-18				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Ana	alyst: CG		Batch: 2443021
enzene	ND	0.0250	1	10/21/24	10/22/24	
thylbenzene	ND	0.0250	1	10/21/24	10/22/24	
oluene	ND	0.0250	1	10/21/24	10/22/24	
-Xylene	ND	0.0250	1	10/21/24	10/22/24	
,m-Xylene	ND	0.0500	1	10/21/24	10/22/24	
otal Xylenes	ND	0.0250	1	10/21/24	10/22/24	
urrogate: 4-Bromochlorobenzene-PID		91.1 %	70-130	10/21/24	10/22/24	
onhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: CG		Batch: 2443021
asoline Range Organics (C6-C10)	ND	20.0	1	10/21/24	10/22/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		92.1 %	70-130	10/21/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2443016
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/24	10/22/24	
Dil Range Organics (C28-C36)	ND	50.0	1	10/21/24	10/22/24	
urrogate: n-Nonane		116 %	50-200	10/21/24	10/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: WF		Batch: 2443025
hloride	163	20.0	1	10/21/24	10/22/24	



# **OC Summary Data**

		QC DI	4111114	ii y Data	4				
Chevron, USA 6301 Deauville Blvd Midland TX, 79706		Project Name: Project Number: Project Manager:	23	eff11-13 8077-0001 rick Herrera				1	<b>Reported:</b> .0/24/2024 10:16:06AM
,		, ,	rganics b	oy EPA 802	1B				Analyst: CG
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2443021-BLK1)							Prepared: 1	0/21/24 A	nalyzed: 10/21/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.32		8.00		91.5	70-130			
LCS (2443021-BS1)							Prepared: 1	0/21/24 A	nalyzed: 10/22/24
Benzene	4.98	0.0250	5.00		99.7	70-130			
Ethylbenzene	4.85	0.0250	5.00		96.9	70-130			
Toluene	4.93	0.0250	5.00		98.5	70-130			
o-Xylene	4.85	0.0250	5.00		97.0	70-130			
p,m-Xylene	9.85	0.0500	10.0		98.5	70-130			
Total Xylenes	14.7	0.0250	15.0		98.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.29		8.00		91.1	70-130			
LCS Dup (2443021-BSD1)							Prepared: 1	0/21/24 A	nalyzed: 10/22/24
Benzene	4.99	0.0250	5.00		99.8	70-130	0.142	20	
Ethylbenzene	4.84	0.0250	5.00		96.8	70-130	0.0723	20	
Toluene	4.92	0.0250	5.00		98.5	70-130	0.0477	20	
o-Xylene	4.84	0.0250	5.00		96.8	70-130	0.205	20	
p,m-Xylene	9.84	0.0500	10.0		98.4	70-130	0.116	20	
Total Xylenes	14.7	0.0250	15.0		97.9	70-130	0.145	20	
Surrogate: 4-Bromochlorobenzene-PID	7.31		8.00		91.3	70-130			



# QC Summary Data

		QC L	Juiiiii	ary Data	a				
Chevron, USA 6301 Deauville Blvd Midland TX, 79706		Project Name: Project Number Project Manage	: 2	leff11-13 3077-0001 rick Herrera					<b>Reported:</b> 10/24/2024 10:16:06AM
	Noi	nhalogenated	Organics	by EPA 80	15D - G	RO			Analyst: CG
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2443021-BLK1)							Prepared: 1	0/21/24 A	Analyzed: 10/21/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.40		8.00		92.5	70-130			
LCS (2443021-BS2)							Prepared: 1	0/21/24 A	Analyzed: 10/21/24
Gasoline Range Organics (C6-C10)	42.9	20.0	50.0		85.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.2	70-130			
LCS Dup (2443021-BSD2)							Prepared: 1	0/21/24 A	Analyzed: 10/21/24
Gasoline Range Organics (C6-C10)	41.8	20.0	50.0		83.6	70-130	2.72	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	70-130			



# QC Summary Data

		QC DI		aly Data	L				
Chevron, USA 6301 Deauville Blvd Midland TX, 79706		Project Name: Project Number: Project Manager:	2	Neff11-13 23077-0001 Erick Herrera					<b>Reported:</b> 10/24/2024 10:16:06AM
	Nonh	alogenated Orga	anics by	y EPA 8015D	- DRO	/ORO			Analyst: NV
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2443016-BLK1)							Prepared:	10/21/24	Analyzed: 10/21/24
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	50.3		50.0		101	50-200			
LCS (2443016-BS1)							Prepared:	10/21/24	Analyzed: 10/21/24
Diesel Range Organics (C10-C28)	254	25.0	250		102	38-132			
Surrogate: n-Nonane	53.1		50.0		106	50-200			
Matrix Spike (2443016-MS1)				Source:	E410232-	12	Prepared:	10/21/24	Analyzed: 10/21/24
Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	38-132			
Surrogate: n-Nonane	48.9		50.0		97.8	50-200			
Matrix Spike Dup (2443016-MSD1)				Source:	E410232-	12	Prepared:	10/21/24	Analyzed: 10/21/24
Diesel Range Organics (C10-C28)	276	25.0	250	ND	110	38-132	6.20	20	
Surrogate: n-Nonane	48.7		50.0		97.3	50-200			



# **QC Summary Data**

		QU D	umm	ary Dat					
Chevron, USA 6301 Deauville Blvd Midland TX, 79706		Project Name: Project Number: Project Manager:	2	Neff11-13 23077-0001 Erick Herrera					<b>Reported:</b> 10/24/2024 10:16:06A
		Anions	by EPA	300.0/90564	4				Analyst: WF
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2443025-BLK1)							Prepared: 1	0/21/24 <i>A</i>	Analyzed: 10/21/24
Chloride	ND	20.0					Durana da 1	0/21/24	Augusta 10/21/24
LCS (2443025-BS1) Chloride	250	20.0	250		100	90-110	Prepared: 1	0/21/24 /	Analyzed: 10/21/24
Matrix Spike (2443025-MS1)				Source:	E410232-	07	Prepared: 1	0/21/24 A	Analyzed: 10/21/24
Chloride	254	20.0	250	ND	102	80-120			
Matrix Spike Dup (2443025-MSD1)				Source:	E410232-	07	Prepared: 1	0/21/24 A	Analyzed: 10/21/24
Chloride	254	20.0	250	ND	102	80-120	0.109	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



# **Definitions and Notes**

	_ •		
Chevron, USA	Project Name:	Neff11-13	
6301 Deauville Blvd	Project Number:	23077-0001	Reported:
Midland TX, 79706	Project Manager:	Erick Herrera	10/24/24 10:16
	6301 Deauville Blvd	6301 Deauville Blvd Project Number:	6301 Deauville Blvd Project Number: 23077-0001

ND	Analyte NOT DETECTED at or above the reporting limit
----	--

- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with \*\* are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.





Released

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Client:	Chevron USA, I	nc.				Bill To				La	ab Us	se On	nly			4	TA	٩T		EPA Pro		
	name: Amy Barr					ention: Erick Herrera		Lab	WO#			Job	Num			2D	3D	Sta	ndard	_	NA	SDWA
	t Manager: Erick	k Herrera				dress: 13000 W County Rd 100		E-	1105	13	2	2307.0001					5 d	ay TAT				
	t: Neff 11-13					, State, Zip: Midland, TX, 79711						Analy	sis a	nd Metho	bd					3		RCRA
	Project #: 16740				Pho	one: (432)563-2200			λq												- 1	
	: (432)305-6416					ail: erick@etechenv.com, joseph@e	etechenv.com		ORO												ate	
	erick@etechen					S/WO:		4	RO/	8021	60	0	0.0		Z		TX		NM CO	D UT	AZ	TX
3	ted by: Haleigh I	Blume		1	Inc	dent ID: nAPP2227367047	1	( <del>)</del>	RO/E	by 80	y 8260	601	de 30				1					
Time Sample	d Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by 8015		VOC by	Metals 6010	Chloride 300.0		BGDOC		GDOC			Rem	narks	
10:00	0 10/17/2024	S	1			BH06	1	0.5'							X							
10:05	5 10/17/2024	S	1			BH06	2	1'							X	(						
10:10	0 10/17/2024	S	1			BH07	3	0.5'							X	(						
10:15	5 10/17/2024	S	1			BH07	4	1'							>	(						
10:25	5 10/17/2024	S	1			BH08	5	0.5'							>	(						
10:30	0 10/17/2024	S	1			BH08	6	1'							>	(						
10:35	5 10/17/2024	S	1			BH09	7	0.5'							>	(						
10:40	0 10/17/2024	S	1			BH09	8	1'							>	(						
10:45	5 10/17/2024	S	1			BH10	9	0.5'							>	(						
10:50	0 10/17/2024	S	1			BH10	10	1'							>	(						
Additi	onal Instruction	s:		1					I	I	I	I	1	<u> </u>								
	ampler), attest to the v					t tampering with or intentionally mislabelling		l,				1.		iiring therma								pled or
1999-1920 ADD 1930	ished by: (Signature		Date		ime	Sampled by:	HB Date		Time			2529/5	172			Lahl	lse Or	dv				
Ital	est sen	m	W7	15/20.24		Referred by: (menature)			15	28		Rec	eive	d on ice:		Y/ 1		ny				
0	ished by: (Signature	23			2115	Received by: (Signature)	Date 10.18.20	(		.11	S	<u>T1</u>			<u>T2</u>				<u>T3</u>			
	ished by: (Signature X.	) -	Date 10	.18.24	1400	Received by: (Signature)	Date 10/21/20		1	300			6 Ter		4	_						
	Matrix: S - Soil, Sd - Sol					V	Container Type															
-					unless other	arrangements are made. Hazardous sa							t the		ense.	The r	eport fo					

Page	2	of
1 uge	4	01

Project Ir	formation				Chain	of Custody													Ρ	age 2 of Receive
Client: Cl	nevron USA, I	nc		20	Bill To		Lab Use Only										TAT		FPA P	ogram
	me: Amy Barr		the transition of		Attention: Erick Herrera		lah'	Lab WO# Job Number					her	1				Standard	CWA	SDWA 6
No. of the second secon	Anager: Erick				Address: 13000 W County Rd 100	an and an an an an an an							1.00		.0 20			o day TAT	curr	501110
	Neff 11-13	Themenu			City, State, Zip: Midland, TX, 79711								nd Meth			_				RCRA P
	oject #: 16740	)			Phone: (432)563-2200			>			l	515 ai		T						
	432)305-6416				Email: erick@etechenv.com, joseph@e	tachany.com	-	d Ob											State	
	ick@etechen				WBS/WO:	etechenv.com	-	O/OF							5			NM CO	UT AZ	
	d by: Haleigh I				Incident ID: nAPP2227367047		-	DRC	8021	260	10	300.(			Z	Ì	ž			
	a by: Hareight				Incluent ID. HAFF2227307047	Lab Number	-)(ft.	5RO	by 8	οy 8.	ls 60	ide			8		5			<u> </u>
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by a	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC		enoc		Remarks	48:1
11:30	10/17/2024	S	1		BH11	Ш	0.5'								Х					Wd 0
11:35	10/17/2024	S	1		BH11	12	1'								Х					
11:40	10/17/2024	S	1		BH12	13	0.5'								x					
11:45	10/17/2024	S	1		BH12	14	1'								х					
12:30	10/17/2024	S	1		BH13	15	0.5'							1	х					31
12:35	10/17/2024	S	1		BH13	16	1'							8	х					30 of
15:30	10/17/2024	S	1		BH14	17	0.5'								х					age
15:35	10/17/2024	S	1		BH14	18	1'								x					ш. і
(					NR															
					41)			-												
Addition	al Instruction	is:	-L.				1	1									_			-
		ar 141 (*******	100 10710 Dec	f this sample. I am aw e grounds for legal act	vare that tampering with or intentionally mislabelling ion. Sampled by:	the sample location	,						S					ved on ice the da s than 6 °C on sub		
	ed by: (Signature		Date			Date		Time			121-121		123012	1	Lab	Use	Only			
Felle		m	LV,	18/204	Received by: (Stenature)	10-18:24		15	528		Rec	eiver	l on ice	· ·	O1					
	ed by: (Signature		Date	Time	Raca ad by: (Signatura)	Date		Time	-		1 cc	civet	i on icc							
Mie	helle Go	nance	17.	18:24 211	5 M	10.18.2	.4	1	11	5	T1			т	r2			T3		
0	ed by: (Signature	-0	Date	Time	me Received by: (Signature) Date Time							2.016	The left	- 7				10		
	1		10	18.29 24	In Kaile und	10/21/14			ちろ	0	AVG	Ten	np °C_	4						
Sample Mat	rix: <b>S</b> - Soil, <b>Sd</b> - So	lid Sa Slude		and a second of the	CO Alle Sur D	Container Type								alass	v - V(	DA	28112			
																	rt for t	he analysis of	the above	samples is
Inote: Jun								circiii	(	3						-				ch

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Client:	Chevron, USA Da	ate Received:	10/21/24	07:30	Work Order ID:	E410232
Phone:	(575) 366-2266 Da	ate Logged In:	10/21/24	08:13	Logged In By:	Caitlin Mars
Email:	erick@etechenv.com Du	le Date:	10/25/24 17:00 (4 day TAT)			
<u>Chain o</u>	f Custody (COC)					
1. Does t	the sample ID match the COC?		Yes			
2. Does t	the number of samples per sampling site location match	the COC	Yes			
3. Were	samples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was th	he COC complete, i.e., signatures, dates/times, requested	l analyses?	Yes			
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		Commen	ts/Resolution
Sample '	<u>Turn Around Time (TAT)</u>					
6. Did th	ne COC indicate standard TAT, or Expedited TAT?		Yes			
Sample	<u>Cooler</u>					
7. Was a	sample cooler received?		Yes			
8. If yes,	, was cooler received in good condition?		Yes			
9. Was th	he sample(s) received intact, i.e., not broken?		Yes			
10. Were	e custody/security seals present?		No			
11. If yes	s, were custody/security seals intact?		NA			
12. Was t	the sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re- minutes of sampling		Yes			
13 If no	visible ice, record the temperature. Actual sample tem	nnerature: 4°	C			
	Container	<u></u>	<u> </u>			
	aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers?		Yes			
	appropriate volume/weight or number of sample containers	collected?	Yes			
Field La						
	e field sample labels filled out with the minimum inform	ation:				
	Sample ID?		Yes			
	Date/Time Collected?		Yes	L		
	Collectors name?		Yes			
	Preservation	myed?	No			
	sample(s) correctly preserved?		NO			
	b filteration required and/or requested for dissolved meta	ds?	NA			
	ase Sample Matrix	•				
	s the sample have more than one phase, i.e., multiphase?		No			
	s, does the COC specify which phase(s) is to be analyzed		No Na			
•			NA			
	tract Laboratory		ът.			
	samples required to get sent to a subcontract laboratory?		No NA	Cubecutur -+ T -1- 3T 4		
∠9. was	a subcontract laboratory specified by the client and if so	wil0?	INA	Subcontract Lab: NA		

Signature of client authorizing changes to the COC or sample disposition.



envirotech Inc.





5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





# envirotech

**Practical Solutions for a Better Tomorrow** 

# **Analytical Report**

Chevron, USA

Project Name: Neff11-13

Work Order: E410226

Job Number: 23077-0001

Received: 10/21/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/23/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.
Date Reported: 10/23/24

Erick Herrera 6301 Deauville Blvd Midland, TX 79706

Project Name: Neff11-13 Workorder: E410226 Date Received: 10/21/2024 7:15:00AM

Erick Herrera,



Page 145 of 178

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/21/2024 7:15:00AM, under the Project Name: Neff11-13.

The analytical test results summarized in this report with the Project Name: Neff11-13 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

Michelle Gonzales Client Representative Office: 505-421-LABS(5227) Cell: 505-947-8222 mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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### Sample Summary

		Sample Sum	mary		
Chevron, USA		Project Name:	Neff11-13		Reported:
6301 Deauville Blvd		Project Number:	23077-0001		Reporteu.
Midland TX, 79706		Project Manager:	Erick Herrera		10/23/24 08:16
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH15 0.5'	E410226-01A	Soil	10/18/24	10/21/24	Glass Jar, 2 oz.
BH15 1'	E410226-02A	Soil	10/18/24	10/21/24	Glass Jar, 2 oz.
BH16 0.5'	E410226-03A	Soil	10/18/24	10/21/24	Glass Jar, 2 oz.
BH16 1'	E410226-04A	Soil	10/18/24	10/21/24	Glass Jar, 2 oz.
BH17 0.5'	E410226-05A	Soil	10/18/24	10/21/24	Glass Jar, 2 oz.
BH17 1'	E410226-06A	Soil	10/18/24	10/21/24	Glass Jar, 2 oz.
BH18 0.5'	E410226-07A	Soil	10/18/24	10/21/24	Glass Jar, 2 oz.
BH18 1'	E410226-08A	Soil	10/18/24	10/21/24	Glass Jar, 2 oz.
BH19 0.5'	E410226-09A	Soil	10/18/24	10/21/24	Glass Jar, 2 oz.
BH19 1'	E410226-10A	Soil	10/18/24	10/21/24	Glass Jar, 2 oz.



	S	ample D	ata				
Chevron, USA	Project Name	e: Nefi	f11-13				
6301 Deauville Blvd	Project Numb		77-0001 k Herrera				Reported:
Midland TX, 79706	Project Mana		10/23/2024 8:16:00AM				
		BH15 0.5'					
		E410226-01					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst:	CG		Batch: 2443002
Benzene	ND	0.0250		1	10/21/24	10/21/24	
Ethylbenzene	0.0652	0.0250		1	10/21/24	10/21/24	
Toluene	ND	0.0250		1	10/21/24	10/21/24	
o-Xylene	0.0905	0.0250		1	10/21/24	10/21/24	
p,m-Xylene	0.288	0.0500		1	10/21/24	10/21/24	
Total Xylenes	0.379	0.0250		1	10/21/24	10/21/24	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130		10/21/24	10/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	CG		Batch: 2443002
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/21/24	10/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.8 %	70-130		10/21/24	10/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	NV		Batch: 2443009
Diesel Range Organics (C10-C28)	ND	25.0		1	10/21/24	10/22/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/21/24	10/22/24	
Surrogate: n-Nonane		113 %	50-200		10/21/24	10/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	IY		Batch: 2443005
Chloride	ND	20.0		1	10/21/24	10/21/24	



### Sample Data

	5	ample D	ala			
Chevron, USA	Project Name:	Nef	11-13			
6301 Deauville Blvd	Project Number	er: 230'	77-0001			Reported:
Midland TX, 79706	Project Manag	ger: Eric	k Herrera			10/23/2024 8:16:00AM
		BH15 1'				
		E410226-02				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: CG		Batch: 2443002
Benzene	ND	0.0250	1	10/21/24	10/21/24	
Ethylbenzene	ND	0.0250	1	10/21/24	10/21/24	
oluene	ND	0.0250	1	10/21/24	10/21/24	
-Xylene	ND	0.0250	1	10/21/24	10/21/24	
,m-Xylene	ND	0.0500	1	10/21/24	10/21/24	
Total Xylenes	ND	0.0250	1	10/21/24	10/21/24	
urrogate: 4-Bromochlorobenzene-PID		100 %	70-130	10/21/24	10/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: CG		Batch: 2443002
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/24	10/21/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		89.2 %	70-130	10/21/24	10/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2443009
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/24	10/22/24	
Dil Range Organics (C28-C36)	ND	50.0	1	10/21/24	10/22/24	
urrogate: n-Nonane		111 %	50-200	10/21/24	10/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: IY		Batch: 2443005
Chloride	ND	20.0	1	10/21/24	10/21/24	



### Sample Data

	Da	ample D	ata			
Chevron, USA	Project Name:	Nef	f11-13			
6301 Deauville Blvd	Project Numbe	er: 230	77-0001			Reported:
Midland TX, 79706	Project Manag	ger: Eric	k Herrera			10/23/2024 8:16:00AM
		BH16 0.5'				
		E410226-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: CG		Batch: 2443002
Benzene	ND	0.0250	1	10/21/24	10/21/24	
Ethylbenzene	ND	0.0250	1	10/21/24	10/21/24	
Toluene	ND	0.0250	1	10/21/24	10/21/24	
p-Xylene	ND	0.0250	1	10/21/24	10/21/24	
o,m-Xylene	ND	0.0500	1	10/21/24	10/21/24	
Total Xylenes	ND	0.0250	1	10/21/24	10/21/24	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	10/21/24	10/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: CG		Batch: 2443002
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/24	10/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.1 %	70-130	10/21/24	10/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2443009
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/24	10/22/24	
Dil Range Organics (C28-C36)	ND	50.0	1	10/21/24	10/22/24	
urrogate: n-Nonane		111 %	50-200	10/21/24	10/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2443005
Chloride	ND	20.0	1	10/21/24	10/21/24	

### Sample Data

	-				
Project Name:	: Nef	11-13			
Project Numb	er: 230	77-0001			Reported:
Project Manag	ger: Eric	k Herrera			10/23/2024 8:16:00AM
	BH16 1'				
	E410226-04				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	llyst: CG		Batch: 2443002
ND	0.0250	1	10/21/24	10/21/24	
ND	0.0250	1	10/21/24	10/21/24	
ND	0.0250	1	10/21/24	10/21/24	
ND	0.0250	1	10/21/24	10/21/24	
ND	0.0500	1	10/21/24	10/21/24	
ND	0.0250	1	10/21/24	10/21/24	
	99.7 %	70-130	10/21/24	10/21/24	
mg/kg	mg/kg	Ana	ılyst: CG		Batch: 2443002
ND	20.0	1	10/21/24	10/21/24	
	89.4 %	70-130	10/21/24	10/21/24	
mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2443009
ND	25.0	1	10/21/24	10/22/24	
ND	50.0	1	10/21/24	10/22/24	
	110 %	50-200	10/21/24	10/22/24	
mg/kg	mg/kg	Ana	llyst: IY		Batch: 2443005
ND	20.0	1	10/21/24	10/21/24	
	Project Numb Project Manag Result mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	Project Number:         2307           Project Manager:         Eric           BH16 1'         E410226-04           Reporting         Reporting           Result         Limit           mg/kg         mg/kg           ND         0.0250           Mg/kg         mg/kg           mg/kg         mg/kg           Mg/kg         Mg/kg           ND         25.0           ND         50.0           ND         50.0           Mg/kg         mg/kg	Project Number:       23077-0001         Project Manager:       Erick Herrera         BH16 1'       E410226-04         E410226-04       Dilutor         Result       Limit       Dilutor         Result       Limit       Dilutor         mg/kg       mg/kg       Ana         ND       0.0250       1         ND       20.0       1         MD       20.0       1         MD       20.0       1         MD       25.0       1         ND       50.0       1         ND       50.200       1         Mg/kg       Mg/kg       50-200	Project Number:       23077-0001         Project Manager:       Etrick Herrera         BH16 1'       Secondary         E410226-04       Prepared         Result       Limit       Dilution       Prepared         Result       Limit       Dilution       Prepared         MD       0.0250       1       0/21/24         ND       20.0       1       0/21/24         MD       20.0       1       0/21/24         MD       20.0       1       0/21/24         MD       25.0       1       0/21/24         MD       25.0       1       0/21/24         ND       25.0       1       0/21/24         MD       50-200 <td>Project Number:       23077-0001         Project Manager:       Erick Herrera         BH16 I'       Seventse         E410226-04       Seventse         Result       Limit       Dilution       Prepared       Analyzed         Mg/kg       mg/kg       Analyzet       Manage       Manage         MD       0.0250       1       10/21/24       10/21/24         ND       0.0250       1       10/21/24       10/21/24         MD       0.0250       1       10/21/24       10/21/24         MD       20.0       1       10/21/24       10/21/24         MD       20.0       1       10/21/24       10/21/24         ND       25.0       1       10/21/24       10/22/24     </td>	Project Number:       23077-0001         Project Manager:       Erick Herrera         BH16 I'       Seventse         E410226-04       Seventse         Result       Limit       Dilution       Prepared       Analyzed         Mg/kg       mg/kg       Analyzet       Manage       Manage         MD       0.0250       1       10/21/24       10/21/24         ND       0.0250       1       10/21/24       10/21/24         MD       0.0250       1       10/21/24       10/21/24         MD       20.0       1       10/21/24       10/21/24         MD       20.0       1       10/21/24       10/21/24         ND       25.0       1       10/21/24       10/22/24



### Sample Data

	Da	ample D	ata			
Chevron, USA	Project Name:	Nef	f11-13			
6301 Deauville Blvd	Project Numbe	er: 230	77-0001			Reported:
Midland TX, 79706	Project Manag	ger: Eric	k Herrera			10/23/2024 8:16:00AM
		BH17 0.5'				
		E410226-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: CG		Batch: 2443002
Benzene	ND	0.0250	1	10/21/24	10/21/24	
Ethylbenzene	ND	0.0250	1	10/21/24	10/21/24	
Toluene	ND	0.0250	1	10/21/24	10/21/24	
p-Xylene	ND	0.0250	1	10/21/24	10/21/24	
o,m-Xylene	ND	0.0500	1	10/21/24	10/21/24	
Fotal Xylenes	ND	0.0250	1	10/21/24	10/21/24	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	10/21/24	10/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: CG		Batch: 2443002
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/24	10/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.0 %	70-130	10/21/24	10/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2443009
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/24	10/22/24	
Dil Range Organics (C28-C36)	ND	50.0	1	10/21/24	10/22/24	
Surrogate: n-Nonane		109 %	50-200	10/21/24	10/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2443005
Chloride	ND	20.0	1	10/21/24	10/21/24	

# Sample Data

	25	ampie D	ลเล			
Chevron, USA	Project Name:	Nef	f11-13			
6301 Deauville Blvd	Project Numbe	er: 230	77-0001			Reported:
Midland TX, 79706	Project Manag	er: Eric	k Herrera			10/23/2024 8:16:00AM
		BH17 1'				
	-	E410226-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: CG		Batch: 2443002
Benzene	ND	0.0250	1	10/21/24	10/21/24	
Ethylbenzene	ND	0.0250	1	10/21/24	10/21/24	
Toluene	ND	0.0250	1	10/21/24	10/21/24	
p-Xylene	ND	0.0250	1	10/21/24	10/21/24	
o,m-Xylene	ND	0.0500	1	10/21/24	10/21/24	
Fotal Xylenes	ND	0.0250	1	10/21/24	10/21/24	
Surrogate: 4-Bromochlorobenzene-PID		99.7 %	70-130	10/21/24	10/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: CG		Batch: 2443002
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/24	10/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.6 %	70-130	10/21/24	10/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2443009
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/24	10/22/24	
Dil Range Organics (C28-C36)	ND	50.0	1	10/21/24	10/22/24	
Surrogate: n-Nonane		111 %	50-200	10/21/24	10/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: IY		Batch: 2443005
Chloride	ND	20.0	1	10/21/24	10/21/24	



### Sample Data

	Da	ample D	ata			
Chevron, USA	Project Name:	Nef	f11-13			
6301 Deauville Blvd	Project Numbe	er: 230	77-0001			Reported:
Midland TX, 79706	Project Manag	ger: Eric	k Herrera			10/23/2024 8:16:00AM
		BH18 0.5'				
		E410226-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: CG		Batch: 2443002
Benzene	ND	0.0250	1	10/21/24	10/21/24	
Ethylbenzene	ND	0.0250	1	10/21/24	10/21/24	
Toluene	ND	0.0250	1	10/21/24	10/21/24	
p-Xylene	ND	0.0250	1	10/21/24	10/21/24	
o,m-Xylene	ND	0.0500	1	10/21/24	10/21/24	
Fotal Xylenes	ND	0.0250	1	10/21/24	10/21/24	
Surrogate: 4-Bromochlorobenzene-PID		99.0 %	70-130	10/21/24	10/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: CG		Batch: 2443002
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/24	10/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.9 %	70-130	10/21/24	10/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2443009
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/24	10/22/24	
Dil Range Organics (C28-C36)	ND	50.0	1	10/21/24	10/22/24	
Surrogate: n-Nonane		109 %	50-200	10/21/24	10/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2443005
Chloride	ND	20.0	1	10/21/24	10/21/24	

# Sample Data

	3	ample D	ata			
Chevron, USA	Project Name:	: Nef	f11-13			
6301 Deauville Blvd	Project Numb	er: 230	77-0001			Reported:
Midland TX, 79706	Project Manag	ger: Eric	k Herrera			10/23/2024 8:16:00AM
		BH18 1'				
		E410226-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: CG		Batch: 2443002
Benzene	ND	0.0250	1	10/21/24	10/21/24	
Ethylbenzene	ND	0.0250	1	10/21/24	10/21/24	
Toluene	ND	0.0250	1	10/21/24	10/21/24	
p-Xylene	ND	0.0250	1	10/21/24	10/21/24	
p,m-Xylene	ND	0.0500	1	10/21/24	10/21/24	
Total Xylenes	ND	0.0250	1	10/21/24	10/21/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/21/24	10/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: CG		Batch: 2443002
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/24	10/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.9 %	70-130	10/21/24	10/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2443009
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/24	10/22/24	
Dil Range Organics (C28-C36)	ND	50.0	1	10/21/24	10/22/24	
Surrogate: n-Nonane		102 %	50-200	10/21/24	10/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2443005
Chloride	ND	20.0	1	10/21/24	10/21/24	

### Sample Data

	25	ampie D	ลเล			
Chevron, USA	Project Name:	Nef	f11-13			
6301 Deauville Blvd	Project Numbe	er: 230	77-0001			Reported:
Midland TX, 79706	Project Manag	er: Eric	k Herrera			10/23/2024 8:16:00AM
		BH19 0.5'				
	-	E410226-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: CG		Batch: 2443002
Benzene	ND	0.0250	1	10/21/24	10/21/24	
Ethylbenzene	ND	0.0250	1	10/21/24	10/21/24	
Toluene	ND	0.0250	1	10/21/24	10/21/24	
p-Xylene	ND	0.0250	1	10/21/24	10/21/24	
o,m-Xylene	ND	0.0500	1	10/21/24	10/21/24	
Fotal Xylenes	ND	0.0250	1	10/21/24	10/21/24	
Surrogate: 4-Bromochlorobenzene-PID		99.3 %	70-130	10/21/24	10/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: CG		Batch: 2443002
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/24	10/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.1 %	70-130	10/21/24	10/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2443009
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/24	10/22/24	
Dil Range Organics (C28-C36)	ND	50.0	1	10/21/24	10/22/24	
Surrogate: n-Nonane		106 %	50-200	10/21/24	10/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2443005
Chloride	ND	20.0	1	10/21/24	10/21/24	

### Sample Data

	5	ample D	ลเล			
Chevron, USA	Project Name:	Nef	f11-13			
6301 Deauville Blvd	Project Numbe	er: 230	77-0001			Reported:
Midland TX, 79706	Project Manag	ger: Eric	k Herrera			10/23/2024 8:16:00AM
		BH19 1'				
		E410226-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2443002
Benzene	ND	0.0250	1	10/21/24	10/21/24	
Ethylbenzene	ND	0.0250	1	10/21/24	10/21/24	
Toluene	ND	0.0250	1	10/21/24	10/21/24	
p-Xylene	ND	0.0250	1	10/21/24	10/21/24	
o,m-Xylene	ND	0.0500	1	10/21/24	10/21/24	
Fotal Xylenes	ND	0.0250	1	10/21/24	10/21/24	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	10/21/24	10/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: CG		Batch: 2443002
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/24	10/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.8 %	70-130	10/21/24	10/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: NV		Batch: 2443009
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/24	10/22/24	
Dil Range Organics (C28-C36)	ND	50.0	1	10/21/24	10/22/24	
Surrogate: n-Nonane		111 %	50-200	10/21/24	10/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2443005
Chloride	ND	20.0	1	10/21/24	10/21/24	



# QC Summary Data

		QC DI	u 111111 c	in y Data	a				
Chevron, USA 6301 Deauville Blvd		5		eff11-13 3077-0001					Reported:
Midland TX, 79706		Project Manager:	E	rick Herrera					10/23/2024 8:16:00AM
		Volatile O	rganics l	by EPA 802	1B				Analyst: CG
Analyte		Reporting	Spike	Source		Rec		RPD	
-	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2443002-BLK1)							Prepared: 1	0/21/24 A	nalyzed: 10/21/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.03		8.00		100	70-130			
LCS (2443002-BS1)							Prepared: 1	0/21/24 A	nalyzed: 10/21/24
Benzene	4.99	0.0250	5.00		99.9	70-130			
Ethylbenzene	4.88	0.0250	5.00		97.5	70-130			
Toluene	4.95	0.0250	5.00		99.0	70-130			
o-Xylene	4.88	0.0250	5.00		97.6	70-130			
p,m-Xylene	9.95	0.0500	10.0		99.5	70-130			
Total Xylenes	14.8	0.0250	15.0		98.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.07		8.00		101	70-130			
Matrix Spike (2443002-MS1)				Source:	E410226-0	07	Prepared: 1	0/21/24 A	nalyzed: 10/21/24
Benzene	5.83	0.0250	5.00	ND	117	54-133			
Ethylbenzene	5.67	0.0250	5.00	ND	113	61-133			
Toluene	5.78	0.0250	5.00	ND	116	61-130			
p-Xylene	5.68	0.0250	5.00	ND	114	63-131			
p,m-Xylene	11.5	0.0500	10.0	ND	115	63-131			
Total Xylenes	17.2	0.0250	15.0	ND	115	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.94		8.00		99.3	70-130			
Matrix Spike Dup (2443002-MSD1)				Source:	E410226-	07	Prepared: 1	0/21/24 A	nalyzed: 10/21/24
Benzene	4.89	0.0250	5.00	ND	97.9	54-133	17.5	20	
Ethylbenzene	4.78	0.0250	5.00	ND	95.5	61-133	17.2	20	
Toluene	4.86	0.0250	5.00	ND	97.1	61-130	17.3	20	
N 1	1 50	0.0250	5.00	ND	95.6	63-131	17.2	20	
p-Xylene	4.78	0.0250	0100						
p,m-Xylene	9.74	0.0500	10.0	ND	97.4	63-131	17.0	20	
•							17.0 17.0	20 20	



# QC Summary Data

		QC D	u111111	ii y Data	a				
Chevron, USA 6301 Deauville Blvd Midland TX, 79706		Project Name: Project Number: Project Manager:	23	eff11-13 8077-0001 rick Herrera					<b>Reported:</b> 10/23/2024 8:16:00AM
	No	nhalogenated O	Organics	by EPA 801	15D - GI	RO			Analyst: CG
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2443002-BLK1)							Prepared: 1	0/21/24 A	nalyzed: 10/21/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.11		8.00		88.9	70-130			
LCS (2443002-BS2)							Prepared: 1	0/21/24 A	nalyzed: 10/21/24
Gasoline Range Organics (C6-C10)	42.8	20.0	50.0		85.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00		90.2	70-130			
Matrix Spike (2443002-MS2)				Source:	E410226-(	07	Prepared: 1	0/21/24 A	nalyzed: 10/21/24
Gasoline Range Organics (C6-C10)	43.2	20.0	50.0	ND	86.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00		90.1	70-130			
Matrix Spike Dup (2443002-MSD2)				Source:	E410226-(	07	Prepared: 1	0/21/24 A	nalyzed: 10/21/24
Gasoline Range Organics (C6-C10)	38.8	20.0	50.0	ND	77.5	70-130	10.9	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.17		8.00		89.6	70-130			



# **OC Summary Data**

		QC BI	u 111111 (	ii y Data	a				
Chevron, USA 6301 Deauville Blvd Midland TX, 79706		Project Name: Project Number: Project Manager:	23	eff11-13 3077-0001 rick Herrera					<b>Reported:</b> 10/23/2024 8:16:00AM
	Nonh	alogenated Orga	anics by	EPA 8015E	) - DRO	/ORO			Analyst: NV
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2443009-BLK1)							Prepared:	10/21/24	Analyzed: 10/22/24
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	55.6		50.0		111	50-200			
LCS (2443009-BS1)							Prepared:	10/21/24	Analyzed: 10/22/24
Diesel Range Organics (C10-C28)	274	25.0	250		109	38-132			
Surrogate: n-Nonane	54.9		50.0		110	50-200			
Matrix Spike (2443009-MS1)				Source:	E410224-	07	Prepared:	10/21/24	Analyzed: 10/22/24
Diesel Range Organics (C10-C28)	289	25.0	250	ND	116	38-132			
Surrogate: n-Nonane	56.1		50.0		112	50-200			
Matrix Spike Dup (2443009-MSD1)				Source:	E410224-	07	Prepared:	10/21/24	Analyzed: 10/22/24
Diesel Range Organics (C10-C28)	295	25.0	250	ND	118	38-132	2.06	20	
Surrogate: n-Nonane	57.8		50.0		116	50-200			



# **QC Summary Data**

		QU D	umm	ary Date					
Chevron, USA 6301 Deauville Blvd Midland TX, 79706		Project Name: Project Number: Project Manager:	2	Neff11-13 23077-0001 Erick Herrera					<b>Reported:</b> 10/23/2024 8:16:00AM
		Anions	by EPA	<b>300.0/9056</b> A	۸				Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2443005-BLK1)							Prepared: 1	0/21/24 A	nalyzed: 10/21/24
Chloride LCS (2443005-BS1)	ND	20.0					Prepared: 1	0/21/24 A	nalyzed: 10/21/24
Chloride	259	20.0	250		104	90-110	1	-	
Matrix Spike (2443005-MS1)				Source:	E410224-(	04	Prepared: 1	0/21/24 A	nalyzed: 10/21/24
Chloride	422	20.0	250	151	108	80-120			
Matrix Spike Dup (2443005-MSD1)				Source:	E410224-0	04	Prepared: 1	0/21/24 A	nalyzed: 10/21/24
Chloride	411	20.0	250	151	104	80-120	2.59	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



# **Definitions and Notes**

Chevron, USA	Project Name:	Neff11-13	
6301 Deauville Blvd	Project Number:	23077-0001	Reported:
Midland TX, 79706	Project Manager:	Erick Herrera	10/23/24 08:16

ND Analyte NOT DETECTED at or above t	ne reporting limit
---------------------------------------	--------------------

- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

Received by OCD: 11/17/2024 1:48:10 PM

lient:/ hevron USA In	2		Bill To						e On						TAT		EPA Pr	ogram
lient: (htvron ) A To roject: Am - but Mhtleft roject Manager: April hum	R NOFF 11-	-13 Atte	Bill To ntion: Joseph Hermund ress: B 000 W (U) n/y Ro State, Zip, Odenia, Th. Z ne: CR J JG 2200 il: JUSE PHQ Etech ENV	P The	Lab	WO#	22	Y A	Job N	vumb	ber 201	01	1D 2	2D 3	D S	tandard	CWA	SDWA
ddress:	<u>nananan</u>	<u>City</u>	State, Zip, Daena, Th 7	1265		10	XA	4	Analy:	sis ar	nd Me	thod	<b>I</b>					RCRA
ity, State, Zip		Pho:	ne: CR21562 2200														State	
hone: mail: 96eva (la 20-2 (a) e)	echenv.Com	₂_ <u>Ema</u>	il: Juc Marcien env	100	y 801	y 8015	<b>न</b>	0		g	-	Ţ				NM CO		тх
eport due by:					a Se	a ORO	y 8021	y 826	5 6010	de 30(	C - N	1-300 005-1						
	No. of Sample ID			Lab Number	DRO/ORO by 8015	GRO/DRO by	BTEX by {	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC - NM	TCEQ 1005- TX					Remarks	
841 8415 MB S	1 BH	4									Χ							
845 8HH5 Hp 5	1 164	15		2							G							
84/2 Atto An S	I BEY	14		3							$\mathcal{X}$							
891 Atte os	1 BCY	14		4							X							
862 BH19-48 S	1 BHL	7		5							と							
1855-BEH17 HIS S	1 13/4	l7		6							ス							
0847 BF-115-1- 5	i hH	-[\$		3							X							
CICI BHHAHRS	i BH	52		8							X							
EWY 124419 up 5	1 1364	$\frac{1}{1}$		9							X							
CMO7-BHEATINBS	1 BH			10						_	X							
Additional Instructions:	<u> </u>	····••							L I		17	1		<b>I</b>				
(field sampler), attest to the validity and author	enticity of this sample	I am aware that t	ampering with or intentionally mislabelling th	e sample loc	ation				Sample	s requi	iring the	rmal pr	servatio	n must b	e receive	d on ice the day	they are sample	ed or received
ite or time of collection is considered fraud an		legal action.	Sampled by:				-									n subsequent d		
elinquished by: (Signature)	W/K/Do 24	Time 1350	Received by: (Signature) Michelle Gonzalez Received by: (Signature)	Date 10.18.2	4	Time	350	•	Roco	- ivod	loni	ra.	Lal (Y)	o Use ( / N	Only			
White the side was a les	Date	Time USJU	Received by: (Signature)	Date					14 J									
		ans	Received by: (Signaturg)	10.18 Date	·U	Time	<u> </u>	S	<u>T1</u>				<u>T2</u>			<u>T3</u>		
Relinquished by: (Signature)	13.18.24	-	Ineceived by, (Signatura)	10-21-2	24		15	•	AVG	Tem	np °C	4						
lelinquished by: (Signature)			Received by: (Signature)	Date		Time	<u> </u>									·		
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A				Containe							_							
			ner arrangements are made. Hazardou as received by the laboratory with this (								d of a the a	t the o moun	lient e t paid f	xpense for on t	. The	report for th ort.	e analysis of	the above
Sample		to those sample							· · ·					5. 5. 1	•			
		•							$\geq$	3		E	r		/ Í	ro	) <b>T 6</b>	)C
			Par	je 20 of 2	21				-					• 1		. •		
			r ag	10 20 01 2	- 1													

### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks. If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.									
					alyzed	as reques			E410007
Client:		ate Received:	10/21/24				Work Ord		E410226
Phone:		ate Logged In:	10/18/24				Logged I	n By:	Caitlin Mars
Email:	erick@etechenv.com Du	ie Date:	10/25/24	17:00 (4 day TAT)	)				
<u>Chain o</u>	f Custody (COC)								
1. Does t	the sample ID match the COC?		No						
2. Does t	the number of samples per sampling site location match	the COC	Yes						
3. Were	samples dropped off by client or carrier?		Yes	Carrier:	Courie	r			
4. Was th	he COC complete, i.e., signatures, dates/times, requested	l analyses?	Yes						
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes				<u>Co</u>	ommen	ts/Resolution
Sample	Turn Around Time (TAT)								
	e COC indicate standard TAT, or Expedited TAT?		No		Sai	mpled	by name	is mi	issing on COC by
Sample	•		1.0		clie	-	-		- *
	sample cooler received?		Yes			¥110.			
	was cooler received in good condition?		Yes						
	ne sample(s) received intact, i.e., not broken?								
	e custody/security seals present?		Yes						
	s, were custody/security seals intact?		No						
-		(0. <b>0</b> 00	NA						
	he sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re- minutes of sampling visible ice, record the temperature. Actual sample ter	ceived w/i 15	Yes <u>C</u>						
	Container	-							
	aqueous VOC samples present?		No						
	VOC samples collected in VOA Vials?		NA						
	e head space less than 6-8 mm (pea sized or less)?		NA						
	a trip blank (TB) included for VOC analyses?		NA						
	non-VOC samples collected in the correct containers?		Yes						
	appropriate volume/weight or number of sample containers	collected?	Yes						
Field La									
	e field sample labels filled out with the minimum inform	ation:							
	Sample ID?		Yes						
	Date/Time Collected?		Yes						
	Collectors name?		No						
	Preservation								
	s the COC or field labels indicate the samples were prese	rved?	No						
	sample(s) correctly preserved?	1.0	NA						
24. Is lat	o filteration required and/or requested for dissolved meta	us?	No						
	ase Sample Matrix								
	s the sample have more than one phase, i.e., multiphase?		No						
27. If ye	s, does the COC specify which phase(s) is to be analyzed	d?	NA						
Subcont	ract Laboratory_								
	samples required to get sent to a subcontract laboratory?		No						
	a subcontract laboratory specified by the client and if so		NA	Subcontract La	ıb: NA				
	Instruction								

\_\_\_\_\_

Date



Signature of client authorizing changes to the COC or sample disposition.

# APPENDIX G

# **Correspondence & Notifications**

P.O. Box 62228 Midland • TX • 79711 • Tel: 432-563-2200 • Fax: 432-563-2213



811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

# **State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

Page1166cof 1/8 QUESTIONS

Action 310318

QUESTIONS

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	310318
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

#### QUESTIONS

Prerequisites							
Incident ID (n#)	nAPP2227367047						
Incident Name	NAPP2227367047 NEFF 11-13 @ 0						
Incident Type	Release Other						
Incident Status	Initial C-141 Approved						

#### Location of Release Source

Site Name	NEFF 11-13
Date Release Discovered	09/15/2022
Surface Owner	Federal

### Sampling Event General Information

Please answer all the questions in this group.								
What is the sampling surface area in square feet	225							
What is the estimated number of samples that will be gathered	6							
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/05/2024							
Time sampling will commence	10:00 AM							
Please provide any information necessary for observers to contact samplers	Blake Estep Contact # 432-894-6038							
Please provide any information necessary for navigation to sampling site	GPS: 32.393378, -103.730022							

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

# **State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	310318
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By Condition Condition Date Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the 2/1/2024 abarnhill remediation closure samples not being accepted.

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Action 310318

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

# **State of New Mexico** Energy, Minerals and Natural Resources **Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

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Action 321016

QUESTIONS

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	321016
	Action Type:
	[NOTIEV] Notification Of Sampling (C-141N)

#### QUESTIONS

Prerequisites	
Incident ID (n#) nAPP2227367047	
Incident Name	NAPP2227367047 NEFF 11-13 @ 0
Incident Type	Release Other
Incident Status	Initial C-141 Approved

#### Location of Release Source

Site Name	NEFF 11-13	
Date Release Discovered	09/15/2022	
Surface Owner	Federal	

#### Sampling Event General Information

Please answer all the questions in this group.		
What is the sampling surface area in square feet	100	
What is the estimated number of samples that will be gathered	2	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/09/2024	
Time sampling will commence	11:00 AM	

Warning: Notification can not be less than two business days prior to conducting final sampling.

Please provide any information necessary for observers to contact samplers	Spencer Blackwood # 432.653.6281		
Please provide any information necessary for navigation to sampling site	GPS: 32.393379, -103.730026		

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

# **State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	321016
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By Condition Condition Date Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the 3/7/2024 abarnhill remediation closure samples not being accepted.

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Action 321016

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Released to Imaging: 11718/2024 11:26:04/AM

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

# **State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

PageH7@cof 178 QUESTIONS

Action 391052

QUESTIONS

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	391052
	Action Type:
	INOTIEVI Notification Of Sampling (C-141N)

#### QUESTIONS

Prerequisites		
Incident ID (n#) nAPP2227367047		
Incident Name	NAPP2227367047 NEFF 13 FEDERAL #011 @ 30-015-29582	
Incident Type	Release Other	
Incident Status	Initial C-141 Approved	
Incident Well	[30-015-29582] NEFF 13 FEDERAL #011	

#### Location of Release Source

Site Name	NEFF 13 FEDERAL #011	
Date Release Discovered	09/15/2022	
Surface Owner	Federal	

#### Sampling Event General Information

Planca	anowor	all the	questions	in	thin	aroun
r icase	answei	an uic	questions		uns	group.

Please answer all the questions in this group.			
What is the sampling surface area in square feet	10,500		
What is the estimated number of samples that will be gathered	20		
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/17/2024		
Time sampling will commence	08:30 AM		
Please provide any information necessary for observers to contact samplers	Please contact Joseph Hernandez at 432-305-6413 with any questions		
Please provide any information necessary for navigation to sampling site	From the intersection of Campbell Road and Red Road, travel NE on Campbell Road for 1 mile, travel 250 feet to the provided GPS coordinates (32.393379, -103.730022)		

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

# **State of New Mexico** Energy, Minerals and Natural Resources **Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	391052
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By Condition Condition Date Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the 10/9/2024 abarnhill remediation closure samples not being accepted.

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Action 391052

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

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Page .	1 / 44	VI.	1 / U

QUESTIONS

Action 404019

QUESTIONS		
Operator: CHEVRON U S A INC	OGRID: 4323	
6301 Deauville Blvd Midland, TX 79706	Action Number: 404019	
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)	
QUESTIONS		

### QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2227367047
Incident Name	NAPP2227367047 NEFF 13 FEDERAL #011 @ 30-015-29582
Incident Type	Release Other
Incident Status	Remediation Plan Received
Incident Well	[30-015-29582] NEFF 13 FEDERAL #011

#### Location of Release Source

Please	answer	all the	questions in	this :	group.	

Site Name	NEFF 13 FEDERAL #011
Date Release Discovered	09/15/2022
Surface Owner	Federal

#### Incident Details

Please answer all the questions in this group.		
Incident Type	Release Other	
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	Not answered.	
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.	
Condensate Released (bbls) Details	Not answered.	
Natural Gas Vented (Mcf) Details	Not answered.	
Natural Gas Flared (Mcf) Details	Not answered.	
Other Released Details	Cause: Other   Truck   Other (Specify)   Released: 25 BBL   Recovered: 0 BBL   Lost: 25 BBL.	
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Illegal dump, analysis of soil indicates 192 Mg/kg chlorides and 544 mg/kg TPH	

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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

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QUESTIONS, Page 2

Action 404019

QUESTIONS (continued)		
Operator:	OGRID:	
CHEVRON U S A INC	4323	
6301 Deauville Blvd	Action Number:	
Midland, TX 79706	404019	
	Action Type:	
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)	

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 or		
	ed 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 en	Valuation 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: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 11/17/2024	

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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, Page 3

Action 404019

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QUESTIONS (continued)

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	404019
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

#### QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)		
What method was used to determine the depth to ground water	Direct Measurement		
Did this release impact groundwater or surface water	No		
What is the minimum distance, between the closest lateral extents of the release an	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	Greater than 5 (mi.)		
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 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	Greater than 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 remediatio	n plan approval with this submission	Yes
Attach a comprehensive report of	demonstrating the lateral and vertical extents of soil contaminatio	n associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and verti	cal extents of contamination been fully delineated	Yes
Was this release entirely	contained within a lined containment area	No
Soil Contamination Samplin	<b>ng:</b> (Provide the highest observable value for each, in m	illigrams per kilograms.)
Chloride	(EPA 300.0 or SM4500 CI B)	344
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	1110
GRO+DRO	(EPA SW-846 Method 8015M)	1110
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0
	I NMAC unless the site characterization report includes complete imelines for beginning and completing the remediation.	d efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date	will the remediation commence	02/05/2024
On what date will (or did)	the final sampling or liner inspection occur	10/17/2024
On what date will (or was	) the remediation complete(d)	12/31/2024
What is the estimated su	face area (in square feet) that will be reclaimed	864
What is the estimated vol	ume (in cubic yards) that will be reclaimed	35
What is the estimated su	face area (in square feet) that will be remediated	864
What is the estimated vol	ume (in cubic yards) that will be remediated	35
These estimated dates and mea	surements are recognized to be the best guess or calculation at th	ne 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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# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTI	ONS (continued)
Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	404019
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)
UESTIONS	
Remediation Plan (continued)	
lease 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.
his remediation will (or is expected to) utilize the following processes to remediate	/ reduce contaminants:
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	R360 ARTESIA LLC LANDFARM [fEEM0112340644]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
er Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed eff hich includes the anticipated timelines for beginning and completing the remediation.	forts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC
o report and/or file certain release notifications and perform corrective actions for relea ne OCD does not relieve the operator of liability should their operations have failed to a	nowledge and understand that pursuant to OCD rules and regulations all operators are required ses which may endanger public health or the environment. The acceptance of a C-141 report by idequately investigate and remediate contamination that pose a threat to groundwater, surface does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 11/17/2024

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, Page 5

Action 404019

QUESTIONS (continued)		
Operator: CHEVRON U S A INC	OGRID: 4323	
6301 Deauville Blvd Midland, TX 79706	Action Number: 404019	
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)	

QUESTIONS	
Deferral Requests	Only

ily 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	Νο	

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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** (continued)

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	404019
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

#### QUESTIONS

Sampling Event Information		
Last sampling notification (C-141N) recorded	391052	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/17/2024	
What was the (estimated) number of samples that were to be gathered	20	
What was the sampling surface area in square feet	10500	

#### 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 No

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Action 404019

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CONDITIONS

Action 404019

 Operator:
 CHEVRON U S A INC
 4323

 6301 Deauville Blvd
 Action Number:
 404019

 Midland, TX 79706
 Action Type:
 [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

#### CONDITIONS

Created By	Condition	Condition Date
crystal.walker	None	11/18/2024